**National Electricity Rules Version 156**

**Historical Information**

This version of the National Electricity Rules was current from 17 December 2020 to 21 February 2021.

National Electricity Rules

Version 156

Status Information

This is the latest electronically available version of the National Electricity Rules as at 17 December 2020.

This consolidated version of the National Electricity Rules was last updated on 17 December 2020 as a result of the commencement of the following amendments:

Schedule 1 of the National Electricity Amendment (Transparency of unserved energy calculation) Rule 2020 No. 16

Schedule 2 of the National Electricity Amendment (Compensation following directions for services other than energy and market ancillary services) Rule 2020 No. 18

National Electricity Amendment (Prudent discounts in an adoptive jurisdiction) Rule 2020 No. 19

National Electricity Amendment (Minor changes 4) Rule 2020 No. 20

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

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

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

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

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

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

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

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

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

Provisions in force

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

National Electricity Amendment (Simplification of NER definitions) Rule 2020 No. 17 will commence operation on 22 February 2021.

Schedule 1 of the National Electricity Amendment (Compensation following directions for services other than energy and market ancillary services) Rule 2020 No. 18 will commence operation on 21 March 2021.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TABLE OF CONTENTS

[1. Introduction 3](#_Toc256000000)

[1.1 Preliminary 3](#_Toc256000001)

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

[1.1.2 Italicised expressions 3](#_Toc256000003)

[1.1.3 [Deleted] 3](#_Toc256000004)

[1.2 Background 3](#_Toc256000005)

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

[1.3.1 Introduction 3](#_Toc256000007)

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

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

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

[1.5 [Deleted] 5](#_Toc256000011)

[1.6 [Deleted] 5](#_Toc256000012)

[1.7 Interpretation 5](#_Toc256000013)

[1.7.1 General 5](#_Toc256000014)

[1.8 Notices 6](#_Toc256000015)

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

[1.8.2 Time of service 6](#_Toc256000017)

[1.8.3 Counting of days 7](#_Toc256000018)

[1.8.4 Reference to addressee 7](#_Toc256000019)

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

[1.10 [Deleted] 7](#_Toc256000021)

[1.11 AEMO Rule Funds 7](#_Toc256000022)

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

[2.1 Registered Participants 13](#_Toc256000024)

[2.1.1 Purpose 13](#_Toc256000025)

[2.1.2 General 13](#_Toc256000026)

[2.2 Generator 13](#_Toc256000027)

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

[2.2.2 Scheduled Generator 14](#_Toc256000029)

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

[2.2.4 Market Generator 16](#_Toc256000031)

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

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

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

[2.3 Customer 20](#_Toc256000035)

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

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

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

[2.3.4 Market Customer 21](#_Toc256000039)

[2.3.5 Ancillary services load 22](#_Toc256000040)

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

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

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

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

[2.4 Market Participant 26](#_Toc256000045)

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

[2.4.2 Eligibility 26](#_Toc256000047)

[2.4A Metering Coordinator 27](#_Toc256000048)

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

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

[2.5 Network Service Provider 28](#_Toc256000051)

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

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

[2.5.2 Market Network Service 30](#_Toc256000054)

[2.5.3 Scheduled Network Service 31](#_Toc256000055)

[2.5A Trader 32](#_Toc256000056)

[2.5B Reallocator 33](#_Toc256000057)

[2.6 Special Participant 33](#_Toc256000058)

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

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

[2.8.1 Rights and obligations 34](#_Toc256000061)

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

[2.9.1 Applications for Registration 34](#_Toc256000063)

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

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

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

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

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

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

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

[2.10.1 Notification of intention 38](#_Toc256000071)

[2.10.2 Ceasing Participation 41](#_Toc256000072)

[2.10.3 Liability after cessation 41](#_Toc256000073)

[2.11 Participant Fees 41](#_Toc256000074)

[2.11.1A Application 41](#_Toc256000075)

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

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

[2.11.3 Budgeted revenue requirements 44](#_Toc256000078)

[2.12 Interpretation of References to Various Registered Participants 46](#_Toc256000079)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[3. Market Rules 69](#_Toc256000132)

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

[3.1.1 Purpose 69](#_Toc256000134)

[3.1.1A Definitions 69](#_Toc256000135)

[3.1.2 [Deleted] 70](#_Toc256000136)

[3.1.3 [Deleted] 70](#_Toc256000137)

[3.1.4 Market design principles 70](#_Toc256000138)

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

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

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

[3.2.2 Spot market 71](#_Toc256000142)

[3.2.3 Power system operations 72](#_Toc256000143)

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

[3.2.5 [Deleted] 72](#_Toc256000145)

[3.2.6 Settlements 72](#_Toc256000146)

[3.3 Prudential Requirements 72](#_Toc256000147)

[3.3.1 Market Participant criteria 72](#_Toc256000148)

[3.3.2 Credit support 72](#_Toc256000149)

[3.3.3 Acceptable credit criteria 73](#_Toc256000150)

[3.3.4 Acceptable credit rating 74](#_Toc256000151)

[3.3.4A Prudential standard 74](#_Toc256000152)

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

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

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

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

[3.3.8A Security Deposits 77](#_Toc256000157)

[3.3.9 Outstandings 77](#_Toc256000158)

[3.3.10 Trading limit 78](#_Toc256000159)

[3.3.11 Call notices 78](#_Toc256000160)

[3.3.12 Typical accrual 79](#_Toc256000161)

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

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

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

[3.3.15 Trading margin 82](#_Toc256000165)

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

[3.3.17 Scheduled prices 82](#_Toc256000167)

[3.3.18 Additional credit support 83](#_Toc256000168)

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

[3.4 Spot Market 83](#_Toc256000170)

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

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

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

[3.5 Regions 84](#_Toc256000174)

[3.5.1 [Deleted] 84](#_Toc256000175)

[3.5.2 [Deleted] 84](#_Toc256000176)

[3.5.3 [Deleted] 84](#_Toc256000177)

[3.5.4 [Deleted] 84](#_Toc256000178)

[3.5.5 [Deleted] 84](#_Toc256000179)

[3.5.6 [Deleted] 84](#_Toc256000180)

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

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

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

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

[3.6.3 Distribution losses 90](#_Toc256000185)

[3.6.4 Network constraints 95](#_Toc256000186)

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

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

[3.7.1 Administration of PASA 97](#_Toc256000189)

[3.7.2 Medium term PASA 98](#_Toc256000190)

[3.7.3 Short term PASA 100](#_Toc256000191)

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

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

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

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

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

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

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

[3.8.1 Central Dispatch 116](#_Toc256000199)

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

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

[3.8.3A Ramp rates 121](#_Toc256000202)

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

[3.8.5 Submission timing 124](#_Toc256000204)

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

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

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

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

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

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

[3.8.10 Network constraints 132](#_Toc256000211)

[3.8.11 Ancillary services constraints 133](#_Toc256000212)

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

[3.8.13 Notification of constraints 134](#_Toc256000214)

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

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

[3.8.15 [Deleted] 135](#_Toc256000217)

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

[3.8.17 Self-commitment 135](#_Toc256000219)

[3.8.18 Self-decommitment 136](#_Toc256000220)

[3.8.19 Dispatch inflexibilities 137](#_Toc256000221)

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

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

[3.8.22 Rebidding 142](#_Toc256000224)

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

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

[3.8.24 Scheduling errors 147](#_Toc256000227)

[3.9 Price Determination 148](#_Toc256000228)

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

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

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

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

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

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

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

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

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

[3.9.4 Market Price Cap 158](#_Toc256000238)

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

[3.9.6 Market Floor Price 160](#_Toc256000240)

[3.9.6A Application of the Market Floor Price 160](#_Toc256000241)

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

[3.10 [Deleted] 161](#_Toc256000243)

[3.11 Ancillary Services 161](#_Toc256000244)

[3.11.1 Introduction 161](#_Toc256000245)

[3.11.2 Market ancillary services 162](#_Toc256000246)

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

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

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

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

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

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

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

[3.11.9 Acquisition of system restart ancillary services by AEMO 169](#_Toc256000254)

[3.11.10 Reporting 170](#_Toc256000255)

[3.12 Market Intervention by AEMO 170](#_Toc256000256)

[3.12.1 Intervention settlement timetable 170](#_Toc256000257)

[3.12.2 Affected Participants and Market Customers entitlements to compensation in relation to AEMO intervention 171](#_Toc256000258)

[3.12.3 Role of the Independent Expert in calculating payments in relation to intervention by AEMO and market suspension pricing schedule periods 175](#_Toc256000259)

[3.12A [DELETED] 177](#_Toc256000260)

[3.13 Market Information 177](#_Toc256000261)

[3.13.1 Provision of information 177](#_Toc256000262)

[3.13.2 Systems and procedures 178](#_Toc256000263)

[3.13.3 Standing data 179](#_Toc256000264)

[3.13.3AA Standing data: Project developers 184](#_Toc256000265)

[3.13.3A Statement of opportunities 185](#_Toc256000266)

[3.13.4 Spot market 187](#_Toc256000267)

[3.13.4A Market ancillary services 191](#_Toc256000268)

[3.13.5 Ancillary services contracting by AEMO 191](#_Toc256000269)

[3.13.5A Settlements residue auctions 191](#_Toc256000270)

[3.13.6 [Deleted] 192](#_Toc256000271)

[3.13.6A Report by AEMO 192](#_Toc256000272)

[3.13.7 Monitoring of significant variation between forecast and actual prices by AER 192](#_Toc256000273)

[3.13.8 Public information 194](#_Toc256000274)

[3.13.9 [Deleted] 194](#_Toc256000275)

[3.13.10 Market auditor 194](#_Toc256000276)

[3.13.11 [Deleted] 195](#_Toc256000277)

[3.13.12 NMI Standing Data 195](#_Toc256000278)

[3.13.12A NMI Standing Data Schedule 198](#_Toc256000279)

[3.13.13 Inter-network tests 199](#_Toc256000280)

[3.13.14 Carbon Dioxide Equivalent Intensity Index 199](#_Toc256000281)

[3.14 Administered Price Cap and Market Suspension 202](#_Toc256000282)

[3.14.1 Cumulative Price Threshold and Administered Price Cap 202](#_Toc256000283)

[3.14.2 Application of Administered Price Cap 203](#_Toc256000284)

[3.14.3 Conditions for suspension of the spot market 205](#_Toc256000285)

[3.14.4 Declaration of market suspension 206](#_Toc256000286)

[3.14.5 Pricing during market suspension 207](#_Toc256000287)

[3.14.5A Payment of compensation due to market suspension pricing schedule periods 208](#_Toc256000288)

[3.14.5B Claims for additional compensation due to market suspension pricing schedule periods 211](#_Toc256000289)

[3.14.6 Compensation due to the application of an administered price cap or administered floor price 213](#_Toc256000290)

[3.15 Settlements 217](#_Toc256000291)

[3.15.1 Settlements management by AEMO 217](#_Toc256000292)

[3.15.2 Electronic funds transfer 217](#_Toc256000293)

[3.15.3 Connection point and virtual transmission node responsibility 218](#_Toc256000294)

[3.15.4 Adjusted energy amounts connection points 218](#_Toc256000295)

[3.15.5 Adjusted energy - transmission network connection points 218](#_Toc256000296)

[3.15.5A Adjusted energy - virtual transmission nodes 219](#_Toc256000297)

[3.15.6 Spot market transactions 219](#_Toc256000298)

[3.15.6A Ancillary service transactions 220](#_Toc256000299)

[3.15.7 Payment to Directed Participants 232](#_Toc256000300)

[3.15.7A Payment to Directed Participants for services other than energy and market ancillary services 234](#_Toc256000301)

[3.15.7B Claim for additional compensation by Directed Participants 236](#_Toc256000302)

[3.15.8 Funding of Compensation for directions 238](#_Toc256000303)

[3.15.8A Funding of compensation for market suspension pricing schedule periods 243](#_Toc256000304)

[3.15.9 Reserve settlements 244](#_Toc256000305)

[3.15.9A Procurer of last resort cost allocation 247](#_Toc256000306)

[3.15.10 Administered price cap or administered floor price compensation payments 251](#_Toc256000307)

[3.15.10A Goods and services tax 252](#_Toc256000308)

[3.15.10B [DELETED] 253](#_Toc256000309)

[3.15.10C Intervention and Market Suspension Pricing Schedule Period Settlements 253](#_Toc256000310)

[3.15.11 Reallocation transactions 257](#_Toc256000311)

[3.15.11A Reallocation procedures 258](#_Toc256000312)

[3.15.12 Settlement amount 258](#_Toc256000313)

[3.15.13 Payment of settlement amount 259](#_Toc256000314)

[3.15.14 Preliminary statements 259](#_Toc256000315)

[3.15.15 Final statements 260](#_Toc256000316)

[3.15.15A Use of estimated settlement amounts by AEMO 260](#_Toc256000317)

[3.15.16 Payment by market participants 260](#_Toc256000318)

[3.15.17 Payment to market participants 260](#_Toc256000319)

[3.15.18 Disputes 261](#_Toc256000320)

[3.15.19 Revised Statements and Adjustments 261](#_Toc256000321)

[3.15.20 Payment of adjustments 263](#_Toc256000322)

[3.15.21 Default procedure 263](#_Toc256000323)

[3.15.22 Maximum total payment in respect of a billing period 268](#_Toc256000324)

[3.15.23 Maximum total payment in respect of a financial year 269](#_Toc256000325)

[3.15.24 Compensation for reductions under clause 3.15.23 270](#_Toc256000326)

[3.15.25 Interest on overdue amounts 270](#_Toc256000327)

[3.16 Participant compensation fund 271](#_Toc256000328)

[3.16.1 Establishment of Participant compensation fund 271](#_Toc256000329)

[3.16.2 Dispute resolution panel to determine compensation 271](#_Toc256000330)

[3.17 [Deleted] 273](#_Toc256000331)

[3.18 Settlements Residue Auctions 273](#_Toc256000332)

[3.18.1 Settlements residue concepts 273](#_Toc256000333)

[3.18.2 Auctions and eligible persons 274](#_Toc256000334)

[3.18.3 Auction rules 275](#_Toc256000335)

[3.18.3A Secondary trading of SRD units 276](#_Toc256000336)

[3.18.4 Proceeds and fees 276](#_Toc256000337)

[3.18.4A Secondary trading proceeds and margin 277](#_Toc256000338)

[3.18.5 Settlement residue committee 278](#_Toc256000339)

[3.19 Market Management Systems Access Procedures 280](#_Toc256000340)

[3.20 Reliability and Emergency Reserve Trader 280](#_Toc256000341)

[3.20.1 Definitions 280](#_Toc256000342)

[3.20.2 Reliability and emergency reserve trader 281](#_Toc256000343)

[3.20.3 Reserve contracts 281](#_Toc256000344)

[3.20.4 Dispatch pricing methodology for unscheduled reserve contracts 284](#_Toc256000345)

[3.20.5 AEMO's risk management and accounts relating to the reliability safety net 284](#_Toc256000346)

[3.20.6 Reporting on RERT by AEMO 284](#_Toc256000347)

[3.20.7 AEMO's exercise of the RERT 287](#_Toc256000348)

[3.20.8 RERT Guidelines 288](#_Toc256000349)

[3.20.9 [Deleted] 289](#_Toc256000350)

[Schedule 3.1 Bid and Offer Validation Data 289](#_Toc256000351)

[Schedule 3.2 [Deleted] 293](#_Toc256000352)

[Schedule 3.3 [Deleted] 293](#_Toc256000353)

[4. Power System Security 297](#_Toc256000354)

[4.1 Introduction 297](#_Toc256000355)

[4.1.1 Purpose 297](#_Toc256000356)

[4.2 Definitions and Principles 297](#_Toc256000357)

[4.2.1 [Deleted] 297](#_Toc256000358)

[4.2.2 Satisfactory Operating State 297](#_Toc256000359)

[4.2.3 Credible and non-credible contingency events and protected events 298](#_Toc256000360)

[4.2.3A Re-classifying contingency events 299](#_Toc256000361)

[4.2.3B Criteria for re-classifying contingency events 300](#_Toc256000362)

[4.2.4 Secure operating state and power system security 301](#_Toc256000363)

[4.2.5 Technical envelope 301](#_Toc256000364)

[4.2.6 General principles for maintaining power system security 302](#_Toc256000365)

[4.2.7 Reliable Operating State 303](#_Toc256000366)

[4.2.8 Time for undertaking action 303](#_Toc256000367)

[4.3 Power System Security Responsibilities and Obligations 303](#_Toc256000368)

[4.3.1 Responsibility of AEMO for power system security 303](#_Toc256000369)

[4.3.2 System security 305](#_Toc256000370)

[4.3.3 The role of System Operators 308](#_Toc256000371)

[4.3.4 Network Service Providers 310](#_Toc256000372)

[4.3.5 Market Customer obligations 314](#_Toc256000373)

[4.3.6 System restart test obligations 315](#_Toc256000374)

[4.4 Power System Frequency Control 318](#_Toc256000375)

[4.4.1 Power system frequency control responsibilities 318](#_Toc256000376)

[4.4.2 Operational frequency control requirements 318](#_Toc256000377)

[4.4.2A Primary Frequency Response Requirements 319](#_Toc256000378)

[4.4.2B Approval of variations or exemptions 320](#_Toc256000379)

[4.4.3 Generator protection requirements 321](#_Toc256000380)

[4.4.4 Instructions to enable inertia network services 321](#_Toc256000381)

[4.4.5 Instructions to enable system strength services 323](#_Toc256000382)

[4.5 Control of Power System Voltage 324](#_Toc256000383)

[4.5.1 Power system voltage control 324](#_Toc256000384)

[4.5.2 Reactive power reserve requirements 324](#_Toc256000385)

[4.5.3 Audit and testing 325](#_Toc256000386)

[4.6 Protection of Power System Equipment 325](#_Toc256000387)

[4.6.1 Power system fault levels 325](#_Toc256000388)

[4.6.2 Power system protection co-ordination 325](#_Toc256000389)

[4.6.3 Audit and testing 326](#_Toc256000390)

[4.6.4 Short-term thermal ratings of power system 326](#_Toc256000391)

[4.6.5 Partial outage of power protection systems 326](#_Toc256000392)

[4.6.6 System strength impact assessment guidelines 326](#_Toc256000393)

[4.7 Power System Stability Co-ordination 328](#_Toc256000394)

[4.7.1 Stability analysis co-ordination 328](#_Toc256000395)

[4.7.2 Audit and testing 328](#_Toc256000396)

[4.8 Power System Security Operations 328](#_Toc256000397)

[4.8.1 Registered Participants' advice 328](#_Toc256000398)

[4.8.2 Protection or control system abnormality 329](#_Toc256000399)

[4.8.3 AEMO's advice on power system emergency conditions 329](#_Toc256000400)

[4.8.4 Declaration of conditions 329](#_Toc256000401)

[4.8.4A Reserve level declaration guidelines 330](#_Toc256000402)

[4.8.4B Lack of reserve framework reporting 331](#_Toc256000403)

[4.8.5 Managing declarations of conditions 331](#_Toc256000404)

[4.8.5A Determination of the latest time for AEMO intervention 331](#_Toc256000405)

[4.8.5B Notifications of last time of AEMO intervention 332](#_Toc256000406)

[4.8.6 [Deleted] 333](#_Toc256000407)

[4.8.7 Managing a power system contingency event 333](#_Toc256000408)

[4.8.8 [Deleted] 333](#_Toc256000409)

[4.8.9 Power to issue directions and clause 4.8.9 instructions 333](#_Toc256000410)

[4.8.9A System security directions 335](#_Toc256000411)

[4.8.10 Disconnection of generating units and market network services 335](#_Toc256000412)

[4.8.11 [Deleted] 336](#_Toc256000413)

[4.8.12 System restart plan and local black system procedures 336](#_Toc256000414)

[4.8.13 [Deleted] 338](#_Toc256000415)

[4.8.14 Power system restoration 338](#_Toc256000416)

[4.8.15 Review of operating incidents 339](#_Toc256000417)

[4.8.16 AEMO reporting on frequency performance 341](#_Toc256000418)

[4.9 Power System Security Related Market Operations 342](#_Toc256000419)

[4.9.1 Load forecasting 342](#_Toc256000420)

[4.9.2 Instructions to Scheduled Generators and Semi-Scheduled Generators 343](#_Toc256000421)

[4.9.2A Dispatch Instructions to Scheduled Network Service Providers 343](#_Toc256000422)

[4.9.3 Instructions to Registered Participants 344](#_Toc256000423)

[4.9.3A Ancillary services instructions 344](#_Toc256000424)

[4.9.3B Compliance with dispatch instructions 345](#_Toc256000425)

[4.9.4 Dispatch related limitations on Scheduled Generators and Semi-Scheduled Generators 345](#_Toc256000426)

[4.9.4A Dispatch related limitations on Scheduled Network Service Providers 347](#_Toc256000427)

[4.9.5 Form of dispatch instructions 347](#_Toc256000428)

[4.9.6 Commitment of scheduled generating units 348](#_Toc256000429)

[4.9.7 De-commitment, or output reduction, by Scheduled Generators 349](#_Toc256000430)

[4.9.8 General responsibilities of Registered Participants 350](#_Toc256000431)

[4.9.9 Scheduled Generator plant changes 351](#_Toc256000432)

[4.9.9A Scheduled Network Service Provider plant changes 351](#_Toc256000433)

[4.9.9B Ancillary service plant changes 351](#_Toc256000434)

[4.9.9C Inertia network service availability changes 352](#_Toc256000435)

[4.9.9D System strength service availability changes 352](#_Toc256000436)

[4.10 Power System Operating Procedures 352](#_Toc256000437)

[4.10.1 Power system operating procedures 352](#_Toc256000438)

[4.10.2 Transmission network operations 353](#_Toc256000439)

[4.10.3 Operating interaction with distribution networks 353](#_Toc256000440)

[4.10.4 Switching of a Distributor's high voltage networks 354](#_Toc256000441)

[4.10.5 Switching of reactive power facilities 354](#_Toc256000442)

[4.10.6 Automatic reclose 354](#_Toc256000443)

[4.10.7 Inspection of facilities by AEMO 355](#_Toc256000444)

[4.11 Power System Security Support 355](#_Toc256000445)

[4.11.1 Remote control and monitoring devices 355](#_Toc256000446)

[4.11.2 Operational control and indication communication facilities 356](#_Toc256000447)

[4.11.3 Power system voice/data operational communication facilities 357](#_Toc256000448)

[4.11.4 Records of power system operational communication 358](#_Toc256000449)

[4.11.5 Agent communications 359](#_Toc256000450)

[4.12 Nomenclature Standards 359](#_Toc256000451)

[4.13 [Deleted] 360](#_Toc256000452)

[4.14 Acceptance of Performance Standards 360](#_Toc256000453)

[4.15 Compliance with Performance Standards 362](#_Toc256000454)

[4.16 Transitioning arrangements for establishment of performance standards 365](#_Toc256000455)

[4.16.1 Definitions 365](#_Toc256000456)

[4.16.2 Exclusions 367](#_Toc256000457)

[4.16.3 Notification and acceptance of performance standards 367](#_Toc256000458)

[4.16.4 Actual capability 372](#_Toc256000459)

[4.16.5 Criteria for, and negotiation of, performance standards 373](#_Toc256000460)

[4.16.6 Consultation with and assistance by Network Service Providers 375](#_Toc256000461)

[4.16.7 Referral to expert determination 376](#_Toc256000462)

[4.16.8 Prior actions 377](#_Toc256000463)

[4.16.9 Deemed performance standards 377](#_Toc256000464)

[4.16.10 Modification of connection agreements 377](#_Toc256000465)

[4.17 Expert determination 377](#_Toc256000466)

[4.17.1 Performance standards committee and appointment of performance standards experts 377](#_Toc256000467)

[4.17.2 Referral to performance standards expert 379](#_Toc256000468)

[4.17.3 Determinations of performance standards experts 379](#_Toc256000469)

[4.17.4 Other matters 380](#_Toc256000470)

[4A. Retailer Reliability Obligation 385](#_Toc256000471)

[Part A Introduction 385](#_Toc256000472)

[4A.A Definitions 385](#_Toc256000473)

[4A.A.1 Definitions 385](#_Toc256000474)

[4A.A.2 Forecast reliability gap materiality 388](#_Toc256000475)

[4A.A.3 One-in-two year peak demand forecast 388](#_Toc256000476)

[4A.A.4 Peak demand 388](#_Toc256000477)

[Part B Reliability Forecasts 389](#_Toc256000478)

[4A.B.1 Reliability forecast 389](#_Toc256000479)

[4A.B.2 Reliability forecast components 389](#_Toc256000480)

[4A.B.3 Supporting materials 390](#_Toc256000481)

[4A.B.4 Reliability Forecast Guidelines 390](#_Toc256000482)

[4A.B.5 AER Forecasting Best Practice Guidelines 391](#_Toc256000483)

[Part C Reliability Instruments 392](#_Toc256000484)

[Division 1 AEMO request for a reliability instrument 392](#_Toc256000485)

[4A.C.1 AEMO request for a reliability instrument 392](#_Toc256000486)

[4A.C.2 AEMO request for a T-3 reliability instrument 392](#_Toc256000487)

[4A.C.3 AEMO request for a T-1 reliability instrument 393](#_Toc256000488)

[4A.C.4 Related T-3 reliability instrument 393](#_Toc256000489)

[4A.C.5 Notification of a closed forecast reliability gap at T-1 393](#_Toc256000490)

[4A.C.6 Corrections to a request 394](#_Toc256000491)

[4A.C.7 Withdrawing a request 394](#_Toc256000492)

[Division 2 AER making of a reliability instrument 394](#_Toc256000493)

[4A.C.8 AER making of a reliability instrument 394](#_Toc256000494)

[4A.C.9 When a decision by the AER must be made 394](#_Toc256000495)

[4A.C.10 T-1 reliability instrument components 395](#_Toc256000496)

[4A.C.11 AER decision making criteria 395](#_Toc256000497)

[4A.C.12 Reliability Instrument Guidelines 395](#_Toc256000498)

[Part D Liable Entities 396](#_Toc256000499)

[4A.D.1 Application 396](#_Toc256000500)

[4A.D.2 Liable entities 396](#_Toc256000501)

[4A.D.3 New entrants 397](#_Toc256000502)

[4A.D.4 Application to register as large opt-in customer 397](#_Toc256000503)

[4A.D.5 Application to register as prescribed opt-in customer 398](#_Toc256000504)

[4A.D.6 Thresholds 398](#_Toc256000505)

[4A.D.7 Opt-in cut-off day 399](#_Toc256000506)

[4A.D.8 AER approval of applications 399](#_Toc256000507)

[4A.D.9 AER opt-in register 400](#_Toc256000508)

[4A.D.10 Changes to register 400](#_Toc256000509)

[4A.D.11 AER register taken to be correct 400](#_Toc256000510)

[4A.D.12 AEMO Opt-In Procedures 401](#_Toc256000511)

[4A.D.13 AER Opt-In Guidelines 401](#_Toc256000512)

[Part E Qualifying Contracts and Net Contract Position 402](#_Toc256000513)

[Division 1 Key concepts 402](#_Toc256000514)

[4A.E.1 Qualifying contracts 402](#_Toc256000515)

[4A.E.2 Net contract position 403](#_Toc256000516)

[Division 2 Firmness methodologies 403](#_Toc256000517)

[4A.E.3 Firmness methodology 403](#_Toc256000518)

[4A.E.4 Types of methodologies 404](#_Toc256000519)

[4A.E.5 Approval of a bespoke firmness methodology 404](#_Toc256000520)

[Division 3 Reporting net contract position 405](#_Toc256000521)

[4A.E.6 Reporting requirements 405](#_Toc256000522)

[Division 4 Adjustment of net contract position 406](#_Toc256000523)

[4A.E.7 Adjustment of net contract position 406](#_Toc256000524)

[Division 5 Contracts and Firmness Guidelines 407](#_Toc256000525)

[4A.E.8 Contracts and Firmness Guidelines 407](#_Toc256000526)

[Part F Compliance with the Retailer Reliability Obligation 408](#_Toc256000527)

[Division 1 Application 408](#_Toc256000528)

[4A.F.1 Application 408](#_Toc256000529)

[Division 2 Key concepts 408](#_Toc256000530)

[4A.F.2 Compliance TI 408](#_Toc256000531)

[4A.F.3 Share of one-in-two year peak demand forecast 408](#_Toc256000532)

[Division 3 AEMO notifications to AER 410](#_Toc256000533)

[4A.F.4 AEMO notification of compliance trading intervals 410](#_Toc256000534)

[4A.F.5 AEMO compliance report 410](#_Toc256000535)

[Division 4 AER assessment of compliance 410](#_Toc256000536)

[4A.F.6 Reliability Compliance Procedures and Guidelines 410](#_Toc256000537)

[4A.F.7 AER assessment 411](#_Toc256000538)

[4A.F.8 AER notification to AEMO for PoLR costs 411](#_Toc256000539)

[Division 5 Miscellaneous 412](#_Toc256000540)

[4A.F.9 Demand response information 412](#_Toc256000541)

[4A.F.10 PoLR cost procedures 412](#_Toc256000542)

[Part G Market Liquidity Obligation 412](#_Toc256000543)

[Division 1 Preliminary 412](#_Toc256000544)

[4A.G.1 Overview of Part G 412](#_Toc256000545)

[4A.G.2 Purpose and application 413](#_Toc256000546)

[Division 2 Market Generators and trading right holders 413](#_Toc256000547)

[4A.G.3 Market Generators and generator capacity 413](#_Toc256000548)

[4A.G.4 Trading rights and trading right holders 413](#_Toc256000549)

[Division 3 Trading groups 414](#_Toc256000550)

[4A.G.5 Trading group 414](#_Toc256000551)

[4A.G.6 Controlling entity 415](#_Toc256000552)

[Division 4 Traced capacity and trading group capacity 416](#_Toc256000553)

[4A.G.7 Traced capacity 416](#_Toc256000554)

[4A.G.8 Tracing capacity to trading groups 416](#_Toc256000555)

[4A.G.9 Trading group capacity 417](#_Toc256000556)

[Division 5 MLO generators and MLO groups 417](#_Toc256000557)

[4A.G.10 MLO group 417](#_Toc256000558)

[4A.G.11 MLO generator 417](#_Toc256000559)

[Division 6 Market Generator information 417](#_Toc256000560)

[4A.G.12 MLO register 417](#_Toc256000561)

[4A.G.13 Market Generator information 419](#_Toc256000562)

[4A.G.14 Applications to the AER 420](#_Toc256000563)

[Division 7 Liquidity period 421](#_Toc256000564)

[4A.G.15 Notices prior to a liquidity period 421](#_Toc256000565)

[4A.G.16 Duration of liquidity period 421](#_Toc256000566)

[Division 8 Liquidity obligation 421](#_Toc256000567)

[4A.G.17 Liquidity obligation 421](#_Toc256000568)

[4A.G.18 Performing a liquidity obligation 422](#_Toc256000569)

[4A.G.19 Volume limits 423](#_Toc256000570)

[4A.G.20 Appointment of MLO nominee 424](#_Toc256000571)

[4A.G.21 Exemptions 425](#_Toc256000572)

[Division 9 MLO products and MLO exchange 425](#_Toc256000573)

[4A.G.22 MLO products 425](#_Toc256000574)

[4A.G.23 MLO exchange 426](#_Toc256000575)

[Division 10 Miscellaneous 427](#_Toc256000576)

[4A.G.24 MLO compliance and reporting 427](#_Toc256000577)

[4A.G.25 MLO Guidelines 427](#_Toc256000578)

[Part H Voluntary Book Build 428](#_Toc256000579)

[4A.H.1 Purpose and application 428](#_Toc256000580)

[4A.H.2 Book Build Procedures 428](#_Toc256000581)

[4A.H.3 Commencement of voluntary book build 429](#_Toc256000582)

[4A.H.4 Participation in the voluntary book build 429](#_Toc256000583)

[4A.H.5 Book build fees 430](#_Toc256000584)

[4A.H.6 Reporting 430](#_Toc256000585)

[5. Network Connection Access, Planning and Expansion 433](#_Toc256000586)

[Part A Introduction 433](#_Toc256000587)

[5.1 Introduction to Chapter 5 433](#_Toc256000588)

[5.1.1 Structure of this Chapter 433](#_Toc256000589)

[5.1.2 Overview of Part B and connection and access under the Rules 433](#_Toc256000590)

[Part B Network Connection and Access 436](#_Toc256000591)

[5.1A Introduction to Part B 436](#_Toc256000592)

[5.1A.1 Purpose and Application 436](#_Toc256000593)

[5.1A.2 Principles 438](#_Toc256000594)

[5.2 Obligations 439](#_Toc256000595)

[5.2.1 Obligations of Registered Participants 439](#_Toc256000596)

[5.2.2 Connection agreements 439](#_Toc256000597)

[5.2.3 Obligations of network service providers 440](#_Toc256000598)

[5.2.3A Obligations of Market Network Service Providers 445](#_Toc256000599)

[5.2.4 Obligations of customers 445](#_Toc256000600)

[5.2.5 Obligations of Generators 447](#_Toc256000601)

[5.2.6 Obligations of AEMO 448](#_Toc256000602)

[5.2.6A AEMO review of technical requirements for connection 448](#_Toc256000603)

[5.2.7 Obligations of Dedicated Connection Asset Service Providers 449](#_Toc256000604)

[5.2A Transmission network connection and access 450](#_Toc256000605)

[5.2A.1 Application 450](#_Toc256000606)

[5.2A.2 Relevant assets 450](#_Toc256000607)

[5.2A.3 Connection and access to transmission services 451](#_Toc256000608)

[5.2A.4 Transmission services related to connection 452](#_Toc256000609)

[5.2A.5 Publication and provision of information 456](#_Toc256000610)

[5.2A.6 Negotiating principles 456](#_Toc256000611)

[5.2A.7 Third party IUSAs 457](#_Toc256000612)

[5.2A.8 Access framework for large dedicated connection assets 458](#_Toc256000613)

[5.3 Establishing or Modifying Connection 460](#_Toc256000614)

[5.3.1 Process and procedures 460](#_Toc256000615)

[5.3.1A Application of rule to connection of embedded generating units 460](#_Toc256000616)

[5.3.2 Connection enquiry 461](#_Toc256000617)

[5.3.3 Response to connection enquiry 462](#_Toc256000618)

[5.3.4 Application for connection 465](#_Toc256000619)

[5.3.4A Negotiated access standards 467](#_Toc256000620)

[5.3.4B System strength remediation for new connections 470](#_Toc256000621)

[5.3.5 Preparation of offer to connect 473](#_Toc256000622)

[5.3.6 Offer to connect 474](#_Toc256000623)

[5.3.7 Finalisation of connection agreements and network operating agreements 477](#_Toc256000624)

[5.3.8 Provision and use of information 479](#_Toc256000625)

[5.3.9 Procedure to be followed by a Generator proposing to alter a generating system 480](#_Toc256000626)

[5.3.10 Acceptance of performance standards for generating plant that is altered 482](#_Toc256000627)

[5.3.11 Notification of request to change normal voltage 483](#_Toc256000628)

[5.3A Establishing or modifying connection - embedded generation 483](#_Toc256000629)

[5.3A.1 Application of rule 5.3A 483](#_Toc256000630)

[5.3A.2 Definitions and miscellaneous 484](#_Toc256000631)

[5.3A.3 Publication of Information 485](#_Toc256000632)

[5.3A.4 Fees 486](#_Toc256000633)

[5.3A.5 Enquiry 487](#_Toc256000634)

[5.3A.6 Response to Enquiry 488](#_Toc256000635)

[5.3A.7 Preliminary Response to Enquiry 488](#_Toc256000636)

[5.3A.8 Detailed Response to Enquiry 489](#_Toc256000637)

[5.3A.9 Application for connection 490](#_Toc256000638)

[5.3A.10 Preparation of offer to connect 491](#_Toc256000639)

[5.3A.11 Technical Dispute 492](#_Toc256000640)

[5.3A.12 Network support payments and functions 492](#_Toc256000641)

[5.3AA Access arrangements relating to Distribution Networks 492](#_Toc256000642)

[5.3B Application for connection to declared shared network 496](#_Toc256000643)

[5.4 Independent Engineer 496](#_Toc256000644)

[5.4.1 Application 496](#_Toc256000645)

[5.4.2 Establishment of a pool 497](#_Toc256000646)

[5.4.3 Initiating the Independent Engineer process 497](#_Toc256000647)

[5.4.4 Referral to the Adviser 498](#_Toc256000648)

[5.4.5 Proceedings and decisions of the Independent Engineer 499](#_Toc256000649)

[5.4.6 Costs of the Independent Engineer 499](#_Toc256000650)

[5.4A [Deleted] 500](#_Toc256000651)

[5.4AA [Deleted] 500](#_Toc256000652)

[5.5 Commercial arbitration for prescribed and negotiated transmission services and large DCA services 500](#_Toc256000653)

[5.5.1 Application 500](#_Toc256000654)

[5.5.2 Notification of dispute 500](#_Toc256000655)

[5.5.3 Appointment of commercial arbitrator 501](#_Toc256000656)

[5.5.4 Procedures of commercial arbitrator 502](#_Toc256000657)

[5.5.5 Powers of commercial arbitrator in determining disputes 502](#_Toc256000658)

[5.5.6 Determination of disputes 503](#_Toc256000659)

[5.5.7 Costs of dispute 504](#_Toc256000660)

[5.5.8 Enforcement of agreement or determination and requirement for reasons 504](#_Toc256000661)

[5.5.9 Miscellaneous 505](#_Toc256000662)

[5.5A [Deleted] 505](#_Toc256000663)

[Part C Post-Connection Agreement matters 505](#_Toc256000664)

[5.6 Design of Connected Equipment 505](#_Toc256000665)

[5.6.1 Application 505](#_Toc256000666)

[5.6.2 Advice of inconsistencies 505](#_Toc256000667)

[5.6.3 Additional information 506](#_Toc256000668)

[5.6.4 Advice on possible non-compliance 506](#_Toc256000669)

[5.6A [Deleted] 507](#_Toc256000670)

[5.7 Inspection and Testing 507](#_Toc256000671)

[5.7.1 Right of entry and inspection 507](#_Toc256000672)

[5.7.2 Right of testing 509](#_Toc256000673)

[5.7.3 Tests to demonstrate compliance with connection requirements for generators 510](#_Toc256000674)

[5.7.3A Tests to demonstrate compliance with system strength remediation schemes 511](#_Toc256000675)

[5.7.4 Routine testing of protection equipment 513](#_Toc256000676)

[5.7.5 Testing by Registered Participants of their own plant requiring changes to normal operation 514](#_Toc256000677)

[5.7.6 Tests of generating units requiring changes to normal operation 516](#_Toc256000678)

[5.7.7 Inter-network power system tests 517](#_Toc256000679)

[5.7.8 Contestable IUSA components 523](#_Toc256000680)

[5.8 Commissioning 523](#_Toc256000681)

[5.8.1 Requirement to inspect and test equipment 523](#_Toc256000682)

[5.8.2 Co-ordination during commissioning 524](#_Toc256000683)

[5.8.3 Control and protection settings for equipment 524](#_Toc256000684)

[5.8.4 Commissioning program 525](#_Toc256000685)

[5.8.5 Commissioning tests 526](#_Toc256000686)

[5.9 Disconnection and Reconnection 526](#_Toc256000687)

[5.9.1 Voluntary disconnection 526](#_Toc256000688)

[5.9.2 Decommissioning procedures 527](#_Toc256000689)

[5.9.3 Involuntary disconnection 527](#_Toc256000690)

[5.9.4 Direction to disconnect 528](#_Toc256000691)

[5.9.4A Notification of disconnection 528](#_Toc256000692)

[5.9.5 Disconnection during an emergency 529](#_Toc256000693)

[5.9.6 Obligation to reconnect 529](#_Toc256000694)

[Part D Network Planning and Expansion 530](#_Toc256000695)

[5.10 Network development generally 530](#_Toc256000696)

[5.10.1 Content of Part D 530](#_Toc256000697)

[5.10.2 Definitions 531](#_Toc256000698)

[5.10.3 Interpretation 536](#_Toc256000699)

[5.11 Forecasts of connection to transmission network and identification of system limitations 536](#_Toc256000700)

[5.11.1 Forecasts for connection to transmission network 536](#_Toc256000701)

[5.11.2 Identification of network limitations 537](#_Toc256000702)

[5.12 Transmission annual planning process 537](#_Toc256000703)

[5.12.1 Transmission annual planning review 537](#_Toc256000704)

[5.12.2 Transmission Annual Planning Report 538](#_Toc256000705)

[5.13 Distribution annual planning process 542](#_Toc256000706)

[5.13.1 Distribution annual planning review 542](#_Toc256000707)

[5.13.2 Distribution Annual Planning Report 543](#_Toc256000708)

[5.13.3 Distribution system limitation template 544](#_Toc256000709)

[5.13A Distribution zone substation information 545](#_Toc256000710)

[5.14 Joint planning 547](#_Toc256000711)

[5.14.1 Joint planning obligations of Transmission Network Service Providers and Distribution Network Service Providers 547](#_Toc256000712)

[5.14.2 Joint planning obligations of Distribution Network Service Providers and Distribution Network Service Providers 548](#_Toc256000713)

[5.14.3 Joint planning obligations of Transmission Network Service Providers 549](#_Toc256000714)

[5.14.4 Joint planning by Transmission Network Service Providers and AEMO 549](#_Toc256000715)

[5.14A Joint planning in relation to retirement or de-ratings of network assets forming part of the Declared Shared Network 550](#_Toc256000716)

[5.14B TAPR Guidelines 550](#_Toc256000717)

[5.14B.1 Development of TAPR Guidelines 550](#_Toc256000718)

[5.15 Regulatory investment tests generally 550](#_Toc256000719)

[5.15.1 Interested parties 550](#_Toc256000720)

[5.15.2 Identification of a credible option 550](#_Toc256000721)

[5.15.3 Review of costs thresholds 552](#_Toc256000722)

[5.15.4 Costs determinations 554](#_Toc256000723)

[5.15A Regulatory investment test for transmission 554](#_Toc256000724)

[5.15A.1 General principles and application 554](#_Toc256000725)

[5.15A.2 Principles for RIT-T projects which are not actionable ISP projects 555](#_Toc256000726)

[5.15A.3 Principles for actionable ISP projects 557](#_Toc256000727)

[5.16 Application of RIT-T to RIT-T projects which are not actionable ISP projects 559](#_Toc256000728)

[5.16.1 Application 559](#_Toc256000729)

[5.16.2 Regulatory investment test for transmission application guidelines 559](#_Toc256000730)

[5.16.3 Investments subject to the regulatory investment test for transmission 560](#_Toc256000731)

[5.16.4 Regulatory investment test for transmission procedures 563](#_Toc256000732)

[5.16.5 [Deleted] 569](#_Toc256000733)

[5.16.6 [Deleted] 569](#_Toc256000734)

[5.16A Application of the RIT-T to actionable ISP Projects 569](#_Toc256000735)

[5.16A.1 Application 569](#_Toc256000736)

[5.16A.2 Cost Benefit Analysis Guidelines 569](#_Toc256000737)

[5.16A.3 Actionable ISP projects subject to the RIT-T 570](#_Toc256000738)

[5.16A.4 Regulatory investment test for transmission procedures 570](#_Toc256000739)

[5.16A.5 Actionable ISP project trigger event 573](#_Toc256000740)

[5.16B Disputes in relation to application of regulatory investment test for transmission 574](#_Toc256000741)

[5.17 Regulatory investment test for distribution 576](#_Toc256000742)

[5.17.1 Principles 576](#_Toc256000743)

[5.17.2 Regulatory investment test for distribution application guidelines 578](#_Toc256000744)

[5.17.3 Projects subject to the regulatory investment test for distribution 579](#_Toc256000745)

[5.17.4 Regulatory investment test for distribution procedures 581](#_Toc256000746)

[5.17.5 Disputes in relation to application of regulatory investment test for distribution 585](#_Toc256000747)

[5.18 Construction of funded augmentations 587](#_Toc256000748)

[5.18A Large generator connections 588](#_Toc256000749)

[5.18A.1 Definitions 588](#_Toc256000750)

[5.18A.2 Register of large generator connections 588](#_Toc256000751)

[5.18A.3 Impact assessment of large generator connections 589](#_Toc256000752)

[5.18B Completed embedded generation projects 590](#_Toc256000753)

[5.18B.1 Definitions 590](#_Toc256000754)

[5.18B.2 Register of completed embedded generation projects 590](#_Toc256000755)

[5.19 SENE Design and Costing Study 591](#_Toc256000756)

[5.19.1 Definitions 591](#_Toc256000757)

[5.19.2 Interpretation 591](#_Toc256000758)

[5.19.3 Request for SENE Design and Costing Study 592](#_Toc256000759)

[5.19.4 Content of SENE Design and Costing Study 593](#_Toc256000760)

[5.19.5 Co-operation of other Network Service Providers 594](#_Toc256000761)

[5.19.6 Publication of SENE Design and Costing Study report 594](#_Toc256000762)

[5.19.7 Provision and use of information 594](#_Toc256000763)

[5.20 System security reports 595](#_Toc256000764)

[5.20.1 Definitions 595](#_Toc256000765)

[5.20.2 Publication of NSCAS methodology 595](#_Toc256000766)

[5.20.3 Publication of NSCAS Report 596](#_Toc256000767)

[5.20.4 Inertia requirements methodology 596](#_Toc256000768)

[5.20.5 Publication of Inertia Report 597](#_Toc256000769)

[5.20.6 Publication of system strength requirements methodologies 597](#_Toc256000770)

[5.20.7 Publication of System Strength Report 598](#_Toc256000771)

[5.20A Frequency management planning 598](#_Toc256000772)

[5.20A.1 Power system frequency risk review 598](#_Toc256000773)

[5.20A.2 Power system frequency risk review process 599](#_Toc256000774)

[5.20A.3 Power system frequency risk review report 599](#_Toc256000775)

[5.20A.4 Request for protected event declaration 600](#_Toc256000776)

[5.20A.5 Request to revoke a protected event declaration 601](#_Toc256000777)

[5.20B Inertia sub-networks and requirements 601](#_Toc256000778)

[5.20B.1 Boundaries of inertia sub-networks 601](#_Toc256000779)

[5.20B.2 Inertia requirements 602](#_Toc256000780)

[5.20B.3 Inertia shortfalls 602](#_Toc256000781)

[5.20B.4 Inertia Service Provider to make available inertia services 603](#_Toc256000782)

[5.20B.5 Inertia support activities 605](#_Toc256000783)

[5.20B.6 Inertia network services information and approvals 606](#_Toc256000784)

[5.20C System strength requirements 608](#_Toc256000785)

[5.20C.1 System strength requirements 608](#_Toc256000786)

[5.20C.2 Fault level shortfalls 609](#_Toc256000787)

[5.20C.3 System Strength Service Provider to make available system strength services 609](#_Toc256000788)

[5.20C.4 System strength services information and approvals 611](#_Toc256000789)

[5.21 AEMO's obligation to publish information and guidelines and provide advice 613](#_Toc256000790)

[5.22 Integrated System Plan 615](#_Toc256000791)

[5.22.1 Duty of AEMO to make Integrated System Plan 615](#_Toc256000792)

[5.22.2 Purpose of the ISP 615](#_Toc256000793)

[5.22.3 Power system needs 615](#_Toc256000794)

[5.22.4 ISP timetable 615](#_Toc256000795)

[5.22.5 Guidelines relevant to the ISP 616](#_Toc256000796)

[5.22.6 Content of Integrated System Plan 617](#_Toc256000797)

[5.22.7 ISP consumer panel 619](#_Toc256000798)

[5.22.8 Preliminary consultations 619](#_Toc256000799)

[5.22.9 AER transparency review on Inputs, Assumptions and Scenarios Report 620](#_Toc256000800)

[5.22.10 Preparation of ISP 621](#_Toc256000801)

[5.22.11 Draft Integrated System Plan 623](#_Toc256000802)

[5.22.12 Non-network options 624](#_Toc256000803)

[5.22.13 AER transparency review of draft Integrated System Plan 625](#_Toc256000804)

[5.22.14 Final Integrated System Plan 625](#_Toc256000805)

[5.22.15 ISP updates 625](#_Toc256000806)

[5.22.16 ISP database 627](#_Toc256000807)

[5.22.17 Jurisdictional planning bodies and jurisdictional planning representatives 627](#_Toc256000808)

[5.22.18 NTP Functions 627](#_Toc256000809)

[5.23 Disputes in relation to an ISP 628](#_Toc256000810)

[5.23.1 Disputing party 628](#_Toc256000811)

[5.23.2 Initial AER review 628](#_Toc256000812)

[5.23.3 Provision of further information 629](#_Toc256000813)

[5.23.4 AER determination 629](#_Toc256000814)

[Schedule 5.1a System standards 630](#_Toc256000815)

[S5.1a.1 Purpose 630](#_Toc256000816)

[S5.1a.2 Frequency 630](#_Toc256000817)

[S5.1a.3 System stability 630](#_Toc256000818)

[S5.1a.4 Power frequency voltage 631](#_Toc256000819)

[S5.1a.5 Voltage fluctuations 632](#_Toc256000820)

[S5.1a.6 Voltage waveform distortion 632](#_Toc256000821)

[S5.1a.7 Voltage unbalance 633](#_Toc256000822)

[S5.1a.8 Fault clearance times 634](#_Toc256000823)

[Schedule 5.1 Network Performance Requirements to be Provided or Co-ordinated by Network Service Providers 635](#_Toc256000824)

[S5.1.1 Introduction 635](#_Toc256000825)

[S5.1.2 Network reliability 636](#_Toc256000826)

[S5.1.2.1 Credible contingency events 636](#_Toc256000827)

[S5.1.2.2 Network service within a region 637](#_Toc256000828)

[S5.1.2.3 Network service between regions 638](#_Toc256000829)

[S5.1.3 Frequency variations 638](#_Toc256000830)

[S5.1.4 Magnitude of power frequency voltage 638](#_Toc256000831)

[S5.1.5 Voltage fluctuations 639](#_Toc256000832)

[S5.1.6 Voltage harmonic or voltage notching distortion 640](#_Toc256000833)

[S5.1.7 Voltage unbalance 641](#_Toc256000834)

[S5.1.8 Stability 642](#_Toc256000835)

[S5.1.9 Protection systems and fault clearance times 643](#_Toc256000836)

[S5.1.10 Load, generation and network control facilities 646](#_Toc256000837)

[S5.1.10.1 General 646](#_Toc256000838)

[S5.1.10.1a Emergency frequency control schemes 647](#_Toc256000839)

[S5.1.10.2 Distribution Network Service Providers 648](#_Toc256000840)

[S5.1.10.3 Transmission Network Service Providers 648](#_Toc256000841)

[S5.1.11 Automatic reclosure of transmission or distribution lines 649](#_Toc256000842)

[S5.1.12 Rating of transmission lines and equipment 649](#_Toc256000843)

[S5.1.13 Information to be provided 650](#_Toc256000844)

[Schedule 5.2 Conditions for Connection of Generators 650](#_Toc256000845)

[S5.2.1 Outline of requirements 650](#_Toc256000846)

[S5.2.2 Application of Settings 651](#_Toc256000847)

[S5.2.3 Technical matters to be coordinated 651](#_Toc256000848)

[S5.2.4 Provision of information 652](#_Toc256000849)

[S5.2.5 Technical requirements 655](#_Toc256000850)

[S5.2.5.1 Reactive power capability 655](#_Toc256000851)

[S5.2.5.2 Quality of electricity generated 656](#_Toc256000852)

[S5.2.5.3 Generating system response to frequency disturbances 657](#_Toc256000853)

[S5.2.5.4 Generating system response to voltage disturbances 660](#_Toc256000854)

[S5.2.5.5 Generating system response to disturbances following contingency events 662](#_Toc256000855)

[S5.2.5.6 Quality of electricity generated and continuous uninterrupted operation 670](#_Toc256000856)

[S5.2.5.7 Partial load rejection 670](#_Toc256000857)

[S5.2.5.8 Protection of generating systems from power system disturbances 670](#_Toc256000858)

[S5.2.5.9 Protection systems that impact on power system security 672](#_Toc256000859)

[S5.2.5.10 Protection to trip plant for unstable operation 673](#_Toc256000860)

[S5.2.5.11 Frequency control 674](#_Toc256000861)

[S5.2.5.12 Impact on network capability 677](#_Toc256000862)

[S5.2.5.13 Voltage and reactive power control 678](#_Toc256000863)

[S5.2.5.14 Active power control 685](#_Toc256000864)

[S5.2.6 Monitoring and control requirements 687](#_Toc256000865)

[S5.2.6.1 Remote Monitoring 687](#_Toc256000866)

[S5.2.6.2 Communications equipment 689](#_Toc256000867)

[S5.2.7 Power station auxiliary supplies 690](#_Toc256000868)

[S5.2.8 Fault current 690](#_Toc256000869)

[Schedule 5.3 Conditions for Connection of Customers 692](#_Toc256000870)

[S5.3.1a Introduction to the schedule 692](#_Toc256000871)

[S5.3.1 Information 693](#_Toc256000872)

[S5.3.2 Design standards 694](#_Toc256000873)

[S5.3.3 Protection systems and settings 695](#_Toc256000874)

[S5.3.4 Settings of protection and control systems 696](#_Toc256000875)

[S5.3.5 Power factor requirements 697](#_Toc256000876)

[S5.3.6 Balancing of load currents 697](#_Toc256000877)

[S5.3.7 Voltage fluctuations 698](#_Toc256000878)

[S5.3.8 Harmonics and voltage notching 698](#_Toc256000879)

[S5.3.9 Design requirements for Network Users' substations 699](#_Toc256000880)

[S5.3.10 Load shedding facilities 699](#_Toc256000881)

[Schedule 5.3a Conditions for connection of Market Network Services 700](#_Toc256000882)

[S5.3a.1a Introduction to the schedule 700](#_Toc256000883)

[S5.3a.1 Provision of Information 701](#_Toc256000884)

[S5.3a.2 Application of settings 702](#_Toc256000885)

[S5.3a.3 Technical matters to be co-ordinated 703](#_Toc256000886)

[S5.3a.4 Monitoring and control requirements 704](#_Toc256000887)

[S5.3a.4.1 Remote Monitoring 704](#_Toc256000888)

[S5.3a.4.2 [Deleted] 704](#_Toc256000889)

[S5.3a.4.3 Communications equipment 704](#_Toc256000890)

[S5.3a.5 Design standards 705](#_Toc256000891)

[S5.3a.6 Protection systems and settings 705](#_Toc256000892)

[S5.3a.7 [Deleted] 707](#_Toc256000893)

[S5.3a.8 Reactive power capability 707](#_Toc256000894)

[S5.3a.9 Balancing of load currents 707](#_Toc256000895)

[S5.3a.10 Voltage fluctuations 708](#_Toc256000896)

[S5.3a.11 Harmonics and voltage notching 708](#_Toc256000897)

[S5.3a.12 Design requirements for Market Network Service Providers' substations 708](#_Toc256000898)

[S5.3a.13 Market network service response to disturbances in the power system 709](#_Toc256000899)

[S5.3a.14 Protection of market network services from power system disturbances 709](#_Toc256000900)

[Schedule 5.4 Information to be Provided with Preliminary Enquiry 710](#_Toc256000901)

[Schedule 5.4A Preliminary Response 711](#_Toc256000902)

[Schedule 5.4B Detailed Response to Enquiry 713](#_Toc256000903)

[Schedule 5.5 Technical Details to Support Application for Connection and Connection Agreement 715](#_Toc256000904)

[S5.5.1 Introduction to the schedule 715](#_Toc256000905)

[S5.5.2 Categories of data 715](#_Toc256000906)

[S5.5.3 Review, change and supply of data 716](#_Toc256000907)

[S5.5.4 Data Requirements 716](#_Toc256000908)

[S5.5.5 Asynchronous generating unit data 717](#_Toc256000909)

[S5.5.6 Generating units smaller than 30MW data 717](#_Toc256000910)

[S5.5.7 Power System Design Data Sheet, Power System Setting Data Sheet and Power System Model Guidelines 717](#_Toc256000911)

[Schedule 5.5.1 [Deleted] 720](#_Toc256000912)

[Schedule 5.5.2 [Deleted] 720](#_Toc256000913)

[Schedule 5.5.3 Network and plant technical data of equipment at or near connection point 720](#_Toc256000914)

[Schedule 5.5.4 Network Plant and Apparatus Setting Data 723](#_Toc256000915)

[Schedule 5.5.5 Load Characteristics at Connection Point 725](#_Toc256000916)

[Schedule 5.6 Terms and Conditions of Connection agreements and network operating agreements 726](#_Toc256000917)

[Part A Connection agreements 726](#_Toc256000918)

[Part B Network Operating Agreements 727](#_Toc256000919)

[Schedule 5.7 Annual Forecast Information for Planning Purposes 728](#_Toc256000920)

[Schedule 5.8 Distribution Annual Planning Report 730](#_Toc256000921)

[Schedule 5.9 Demand side engagement document (clause 5.13.1(h)) 736](#_Toc256000922)

[Schedule 5.10 Information requirements for Primary Transmission Network Service Providers (clause 5.2A.5) 737](#_Toc256000923)

[Schedule 5.11 Negotiating principles for negotiated transmission services (clause 5.2A.6) 741](#_Toc256000924)

[Schedule 5.12 Negotiating principles for large DCA services 742](#_Toc256000925)

[5A. Electricity connection for retail customers 747](#_Toc256000926)

[Part A Preliminary 747](#_Toc256000927)

[5A.A.1 Definitions 747](#_Toc256000928)

[5A.A.2 Application of this Chapter 750](#_Toc256000929)

[5A.A.3 Small Generation Aggregator deemed to be agent of a retail customer 750](#_Toc256000930)

[Part B Standardised offers to provide basic and standard connection services 751](#_Toc256000931)

[Division 1 Basic connection services 751](#_Toc256000932)

[5A.B.1 Obligation to have model standing offer to provide basic connection services 751](#_Toc256000933)

[5A.B.2 Proposed model standing offer for basic connection services 751](#_Toc256000934)

[5A.B.3 Approval of terms and conditions of model standing offer to provide basic connection services 752](#_Toc256000935)

[Division 2 Standard connection services 753](#_Toc256000936)

[5A.B.4 Standard connection services 753](#_Toc256000937)

[5A.B.5 Approval of model standing offer to provide standard connection services 754](#_Toc256000938)

[Division 3 Miscellaneous 754](#_Toc256000939)

[5A.B.6 Amendment etc of model standing offer 754](#_Toc256000940)

[5A.B.7 Publication of model standing offers 755](#_Toc256000941)

[Part C Negotiated connection 755](#_Toc256000942)

[5A.C.1 Negotiation of connection 755](#_Toc256000943)

[5A.C.2 Process of negotiation 756](#_Toc256000944)

[5A.C.3 Negotiation framework 756](#_Toc256000945)

[5A.C.4 Fee to cover cost of negotiation 758](#_Toc256000946)

[Part D Application for connection service 758](#_Toc256000947)

[Division 1 Information 758](#_Toc256000948)

[5A.D.1 Publication of information 758](#_Toc256000949)

[5A.D.1A Register of completed embedded generation projects 759](#_Toc256000950)

[Division 2 Preliminary enquiry 760](#_Toc256000951)

[5A.D.2 Preliminary enquiry 760](#_Toc256000952)

[Division 3 Applications 761](#_Toc256000953)

[5A.D.3 Application process 761](#_Toc256000954)

[5A.D.4 Site inspection 762](#_Toc256000955)

[Part E Connection charges 762](#_Toc256000956)

[5A.E.1 Connection charge principles 762](#_Toc256000957)

[5A.E.2 Itemised statement of connection charges 764](#_Toc256000958)

[5A.E.3 Connection charge guidelines 764](#_Toc256000959)

[5A.E.4 Payment of connection charges 766](#_Toc256000960)

[Part F Formation and integration of connection contracts 766](#_Toc256000961)

[Division 1 Offer and acceptance – basic and standard connection services 766](#_Toc256000962)

[5A.F.1 Distribution Network Service Provider's response to application 766](#_Toc256000963)

[5A.F.2 Acceptance of connection offer 767](#_Toc256000964)

[5A.F.3 Offer and acceptance—application for expedited connection 767](#_Toc256000965)

[Division 2 Offer and acceptance – negotiated connection 767](#_Toc256000966)

[5A.F.4 Negotiated connection offer 767](#_Toc256000967)

[Division 3 Formation of contract 768](#_Toc256000968)

[5A.F.5 Acceptance of connection offer 768](#_Toc256000969)

[Division 4 Contractual performance 768](#_Toc256000970)

[5A.F.6 Carrying out connection work 768](#_Toc256000971)

[5A.F.7 Retailer required for energisation where new connection 769](#_Toc256000972)

[Part G Dispute resolution between Distribution Network Service Providers and customers 769](#_Toc256000973)

[5A.G.1 Relevant disputes 769](#_Toc256000974)

[5A.G.2 Determination of dispute 769](#_Toc256000975)

[5A.G.3 Termination of proceedings 770](#_Toc256000976)

[SCHEDULE 5A.1 – Minimum content requirements for connection contract 770](#_Toc256000977)

[Part A Connection offer not involving embedded generation 770](#_Toc256000978)

[Part B Connection offer involving embedded generation 771](#_Toc256000979)

[6. Economic Regulation of Distribution Services 775](#_Toc256000980)

[Part A Introduction 775](#_Toc256000981)

[6.1 Introduction to Chapter 6 775](#_Toc256000982)

[6.1.1 AER's regulatory responsibility 775](#_Toc256000983)

[6.1.1A [Deleted] 775](#_Toc256000984)

[6.1.2 Structure of this Chapter 775](#_Toc256000985)

[6.1.3 Access to direct control services and negotiated distribution services 776](#_Toc256000986)

[6.1.4 Prohibition of DUOS charges for the export of energy 776](#_Toc256000987)

[Part B Classification of Distribution Services and Distribution Determinations 776](#_Toc256000988)

[6.2 Classification 776](#_Toc256000989)

[6.2.1 Classification of distribution services 776](#_Toc256000990)

[6.2.2 Classification of direct control services as standard control services or alternative control services 777](#_Toc256000991)

[6.2.3 Term for which classification operates 778](#_Toc256000992)

[6.2.3A Distribution Service Classification Guidelines 778](#_Toc256000993)

[6.2.4 Duty of AER to make distribution determinations 779](#_Toc256000994)

[6.2.5 Control mechanisms for direct control services 779](#_Toc256000995)

[6.2.6 Basis of control mechanisms for direct control services 780](#_Toc256000996)

[6.2.7 Negotiated distribution services 780](#_Toc256000997)

[6.2.8 Guidelines 780](#_Toc256000998)

[Part C Building Block Determinations for standard control services 781](#_Toc256000999)

[6.3 Building block determinations 781](#_Toc256001000)

[6.3.1 Introduction 781](#_Toc256001001)

[6.3.2 Contents of building block determination 781](#_Toc256001002)

[6.4 Post-tax revenue model 782](#_Toc256001003)

[6.4.1 Preparation, publication and amendment of post-tax revenue model 782](#_Toc256001004)

[6.4.2 Contents of post-tax revenue model 782](#_Toc256001005)

[6.4.3 Building block approach 782](#_Toc256001006)

[6.4.4 Shared assets 784](#_Toc256001007)

[6.4.5 Expenditure Forecast Assessment Guidelines 785](#_Toc256001008)

[6.4A Capital expenditure incentive mechanisms 785](#_Toc256001009)

[6.4B Asset exemptions 786](#_Toc256001010)

[6.4B.1 Asset exemption decisions and Asset Exemption Guidelines 786](#_Toc256001011)

[6.4B.2 Exemption applications 787](#_Toc256001012)

[6.5 Matters relevant to the making of building block determinations 787](#_Toc256001013)

[6.5.1 Regulatory asset base 787](#_Toc256001014)

[6.5.2 Return on capital 788](#_Toc256001015)

[6.5.3 Estimated cost of corporate income tax 789](#_Toc256001016)

[6.5.4 [Deleted] 789](#_Toc256001017)

[6.5.5 Depreciation 789](#_Toc256001018)

[6.5.6 Forecast operating expenditure 790](#_Toc256001019)

[6.5.7 Forecast capital expenditure 792](#_Toc256001020)

[6.5.8 Efficiency benefit sharing scheme 796](#_Toc256001021)

[6.5.8A Capital expenditure sharing scheme 797](#_Toc256001022)

[6.5.9 The X factor 798](#_Toc256001023)

[6.5.10 Pass through events 799](#_Toc256001024)

[6.6 Adjustments after making of building block determination. 799](#_Toc256001025)

[6.6.1 Cost pass through 799](#_Toc256001026)

[6.6.1A Reporting on jurisdictional schemes 806](#_Toc256001027)

[6.6.2 Service target performance incentive scheme 807](#_Toc256001028)

[6.6.3 Demand management incentive scheme 808](#_Toc256001029)

[6.6.3A Demand management innovation allowance mechanism 809](#_Toc256001030)

[6.6.4 Small-scale incentive scheme 810](#_Toc256001031)

[6.6.5 Reopening of distribution determination for capital expenditure 811](#_Toc256001032)

[6.6A Contingent Projects 814](#_Toc256001033)

[6.6A.1 Acceptance of a contingent project in a distribution determination 814](#_Toc256001034)

[6.6A.2 Amendment of distribution determination for contingent project 816](#_Toc256001035)

[Part D Negotiated distribution services 821](#_Toc256001036)

[6.7 Negotiated distribution services 821](#_Toc256001037)

[6.7.1 Principles relating to access to negotiated distribution services 821](#_Toc256001038)

[6.7.2 Determination of terms and conditions of access for negotiated distribution services 822](#_Toc256001039)

[6.7.3 Negotiating framework determination 823](#_Toc256001040)

[6.7.4 Negotiated Distribution Service Criteria determination 823](#_Toc256001041)

[6.7.5 Preparation of and requirements for negotiating framework for negotiated distribution services 824](#_Toc256001042)

[6.7.6 Confidential information 826](#_Toc256001043)

[Part DA Connection policies 826](#_Toc256001044)

[6.7A Connection policy requirements 826](#_Toc256001045)

[6.7A.1 Preparation of, and requirements for, connection policy 826](#_Toc256001046)

[Part E Regulatory proposal and proposed tariff structure statement 827](#_Toc256001047)

[6.8 Regulatory proposal and proposed tariff structure statement 827](#_Toc256001048)

[6.8.1 AER's framework and approach paper 827](#_Toc256001049)

[6.8.1A Notification of approach to forecasting expenditure 829](#_Toc256001050)

[6.8.2 Submission of regulatory proposal, tariff structure statement and exemption application 830](#_Toc256001051)

[6.9 Preliminary examination and consultation 832](#_Toc256001052)

[6.9.1 Preliminary examination 832](#_Toc256001053)

[6.9.2 Resubmission of proposal 832](#_Toc256001054)

[6.9.2A Confidential information 832](#_Toc256001055)

[6.9.3 Consultation 833](#_Toc256001056)

[6.10 Draft distribution determination and further consultation 834](#_Toc256001057)

[6.10.1 Making of draft distribution determination 834](#_Toc256001058)

[6.10.2 Publication of draft determination and consultation 834](#_Toc256001059)

[6.10.3 Submission of revised proposal 835](#_Toc256001060)

[6.10.4 Submissions on specified matters 835](#_Toc256001061)

[6.11 Distribution determination 836](#_Toc256001062)

[6.11.1 Making of distribution determination 836](#_Toc256001063)

[6.11.1A Out of scope revised regulatory proposal or late submissions 836](#_Toc256001064)

[6.11.2 Notice of distribution determination 837](#_Toc256001065)

[6.11.3 Commencement of distribution determination 837](#_Toc256001066)

[6.12 Requirements relating to draft and final distribution determinations 837](#_Toc256001067)

[6.12.1 Constituent decisions 837](#_Toc256001068)

[6.12.2 Reasons for decisions 841](#_Toc256001069)

[6.12.3 Extent of AER's discretion in making distribution determinations 841](#_Toc256001070)

[6.13 Revocation and substitution of distribution determination for wrong information or error 843](#_Toc256001071)

[6.14 Miscellaneous 843](#_Toc256001072)

[6.14A Distribution Confidentiality Guidelines 844](#_Toc256001073)

[Part F Cost Allocation 844](#_Toc256001074)

[6.15 Cost allocation 844](#_Toc256001075)

[6.15.1 Duty to comply with Cost Allocation Method 844](#_Toc256001076)

[6.15.2 Cost Allocation Principles 844](#_Toc256001077)

[6.15.3 Cost Allocation Guidelines 845](#_Toc256001078)

[6.15.4 Cost Allocation Method 846](#_Toc256001079)

[Part G Distribution consultation procedures 847](#_Toc256001080)

[6.16 Distribution consultation procedures 847](#_Toc256001081)

[Part H Ring-Fencing Arrangements for Distribution Network Service Providers 848](#_Toc256001082)

[6.17 Distribution Ring-Fencing Guidelines 848](#_Toc256001083)

[6.17.1 Compliance with Distribution Ring-Fencing Guidelines 848](#_Toc256001084)

[6.17.2 Development of Distribution Ring-Fencing Guidelines 848](#_Toc256001085)

[Part I Distribution Pricing Rules 849](#_Toc256001086)

[6.18 Distribution Pricing Rules 849](#_Toc256001087)

[6.18.1 Application of this Part 849](#_Toc256001088)

[6.18.1A Tariff structure statement 849](#_Toc256001089)

[6.18.1B Amending a tariff structure statement with the AER's approval 850](#_Toc256001090)

[6.18.1C Sub-threshold tariffs 852](#_Toc256001091)

[6.18.2 Pricing proposals 852](#_Toc256001092)

[6.18.3 Tariff classes 854](#_Toc256001093)

[6.18.4 Principles governing assignment or re-assignment of retail customers to tariff classes and assessment and review of basis of charging 854](#_Toc256001094)

[6.18.5 Pricing principles 855](#_Toc256001095)

[6.18.6 Side constraints on tariffs for standard control services 857](#_Toc256001096)

[6.18.7 Recovery of designated pricing proposal charges 857](#_Toc256001097)

[6.18.7A Recovery of jurisdictional scheme amounts 858](#_Toc256001098)

[6.18.8 Approval of pricing proposal 861](#_Toc256001099)

[6.18.9 Publication of information about tariffs and tariff classes 862](#_Toc256001100)

[6.19. Data Required for Distribution Service Pricing 863](#_Toc256001101)

[6.19.1 Forecast use of networks by Distribution Customers and Embedded Generators 863](#_Toc256001102)

[6.19.2 Confidentiality of distribution network pricing information 863](#_Toc256001103)

[Part J Billing and Settlements 863](#_Toc256001104)

[6.20 Billing and Settlements Process 863](#_Toc256001105)

[6.20.1 Billing for distribution services 863](#_Toc256001106)

[6.20.2 Minimum information to be provided in distribution network service bills 865](#_Toc256001107)

[6.20.3 Settlement between Distribution Network Service Providers 865](#_Toc256001108)

[6.20.4 Obligation to pay 866](#_Toc256001109)

[Part K Prudential requirements, capital contributions and prepayments 866](#_Toc256001110)

[6.21 Distribution Network Service Provider Prudential Requirements 866](#_Toc256001111)

[6.21.1 Prudential requirements for distribution network service 866](#_Toc256001112)

[6.21.2 Capital contributions, prepayments and financial guarantees 867](#_Toc256001113)

[6.21.3 Treatment of past prepayments and capital contributions 867](#_Toc256001114)

[Part L Dispute resolution 867](#_Toc256001115)

[6.22 Dispute Resolution 867](#_Toc256001116)

[6.22.1 Dispute Resolution by the AER 867](#_Toc256001117)

[6.22.2 Determination of dispute 868](#_Toc256001118)

[6.22.3 Termination of access dispute without access determination 869](#_Toc256001119)

[Part M Separate disclosure of transmission and distribution charges 869](#_Toc256001120)

[6.23 Separate disclosure of transmission and distribution charges 869](#_Toc256001121)

[Part N Dual Function Assets 870](#_Toc256001122)

[6.24 Dual Function Assets 870](#_Toc256001123)

[6.24.1 Application of this Part 870](#_Toc256001124)

[6.24.2 Dual Function Assets 870](#_Toc256001125)

[6.25 AER determination of applicable pricing regime for Dual Function Assets 871](#_Toc256001126)

[6.26 Division of Distribution Network Service Provider's revenue 872](#_Toc256001127)

[Part O Annual Benchmarking Report 873](#_Toc256001128)

[6.27 Annual Benchmarking Report 873](#_Toc256001129)

[Part P Distribution Reliability Measures Guidelines 873](#_Toc256001130)

[6.28 Distribution Reliability Measures Guidelines 873](#_Toc256001131)

[Schedule 6.1 Contents of building block proposals 874](#_Toc256001132)

[S6.1.1 Information and matters relating to capital expenditure 874](#_Toc256001133)

[S6.1.2 Information and matters relating to operating expenditure 875](#_Toc256001134)

[S6.1.3 Additional information and matters 875](#_Toc256001135)

[Schedule 6.2 Regulatory Asset Base 878](#_Toc256001136)

[S6.2.1 Establishment of opening regulatory asset base for a regulatory control period 878](#_Toc256001137)

[S6.2.2 Prudency and efficiency of capital expenditure 882](#_Toc256001138)

[S6.2.2A Reduction for inefficient past capital expenditure 883](#_Toc256001139)

[S6.2.2B Depreciation 885](#_Toc256001140)

[S6.2.3 Roll forward of regulatory asset base within the same regulatory control period 885](#_Toc256001141)

[6A. Economic Regulation of Transmission Services 889](#_Toc256001142)

[Part A Introduction 889](#_Toc256001143)

[6A.1 Introduction to Chapter 6A 889](#_Toc256001144)

[6A.1.1 Economic regulation of transmission services generally 889](#_Toc256001145)

[6A.1.2 [Deleted] 890](#_Toc256001146)

[6A.1.3 [Deleted] 890](#_Toc256001147)

[6A.1.4 National regulatory arrangements 890](#_Toc256001148)

[6A.1.5 Application of Chapter 6A to Market Network Service Providers 890](#_Toc256001149)

[6A.1.6 Application of Chapter 6A to AEMO and declared transmission system operators 890](#_Toc256001150)

[Part B Transmission Determinations Generally 891](#_Toc256001151)

[6A.2 Transmission determinations 891](#_Toc256001152)

[6A.2.1 Duty of AER to make transmission determinations 891](#_Toc256001153)

[6A.2.2 Components of transmission determinations 891](#_Toc256001154)

[6A.2.3 Guidelines 891](#_Toc256001155)

[Part C Regulation of Revenue - Prescribed Transmission Services 892](#_Toc256001156)

[6A.3 Allowed revenue from prescribed transmission services 892](#_Toc256001157)

[6A.3.1 Allowed revenue for regulatory year 892](#_Toc256001158)

[6A.3.2 Adjustment of maximum allowed revenue 892](#_Toc256001159)

[6A.4 Revenue determinations 892](#_Toc256001160)

[6A.4.1 Introduction 892](#_Toc256001161)

[6A.4.2 Contents of revenue determination 892](#_Toc256001162)

[6A.5 Post-tax revenue model 893](#_Toc256001163)

[6A.5.1 Introduction 893](#_Toc256001164)

[6A.5.2 Preparation, publication and amendment of post-tax revenue model 894](#_Toc256001165)

[6A.5.3 Contents of post-tax revenue model 894](#_Toc256001166)

[6A.5.4 Building blocks approach 895](#_Toc256001167)

[6A.5.5 Shared assets 896](#_Toc256001168)

[6A.5.6 Expenditure Forecast Assessment Guidelines 897](#_Toc256001169)

[6A.5A Capital expenditure incentive mechanisms 897](#_Toc256001170)

[6A.6 Matters relevant to the making of revenue determinations 898](#_Toc256001171)

[6A.6.1 Regulatory asset base 898](#_Toc256001172)

[6A.6.2 Return on capital 899](#_Toc256001173)

[6A.6.3 Depreciation 899](#_Toc256001174)

[6A.6.4 Estimated cost of corporate income tax 900](#_Toc256001175)

[6A.6.5 Efficiency benefit sharing scheme 901](#_Toc256001176)

[6A.6.5A Capital expenditure sharing scheme 902](#_Toc256001177)

[6A.6.6 Forecast operating expenditure 903](#_Toc256001178)

[6A.6.7 Forecast capital expenditure 905](#_Toc256001179)

[6A.6.8 The X factor 909](#_Toc256001180)

[6A.6.9 Pass through events 910](#_Toc256001181)

[6A.7 Matters relevant to the adjustment of revenue cap after making of revenue determination 910](#_Toc256001182)

[6A.7.1 Reopening of revenue determination for capital expenditure 910](#_Toc256001183)

[6A.7.2 Network support pass through 913](#_Toc256001184)

[6A.7.3 Cost pass through 914](#_Toc256001185)

[6A.7.4 Service target performance incentive scheme 920](#_Toc256001186)

[6A.7.5 Small-scale incentive scheme 921](#_Toc256001187)

[6A.7.6 Demand management innovation allowance mechanism 922](#_Toc256001188)

[6A.8 Contingent Projects 923](#_Toc256001189)

[6A.8.A1 Eligibility for consideration as a contingent project 923](#_Toc256001190)

[6A.8.1 Acceptance of a Contingent Project in a revenue determination 924](#_Toc256001191)

[6A.8.2 Amendment of revenue determination for contingent project 925](#_Toc256001192)

[Part D [Deleted] 930](#_Toc256001193)

[Part E Procedure - Revenue determinations and pricing methodologies 930](#_Toc256001194)

[6A.10 Revenue Proposal and proposed pricing methodology 930](#_Toc256001195)

[6A.10.1A AER's framework and approach paper 930](#_Toc256001196)

[6A.10.1B Notification of approach to forecasting expenditure 932](#_Toc256001197)

[6A.10.1 Submission of proposal, pricing methodology and information 932](#_Toc256001198)

[6A.10.2 [Deleted] 933](#_Toc256001199)

[6A.11 Preliminary examination and consultation 933](#_Toc256001200)

[6A.11.1 Preliminary examination and determination of non-compliance with relevant requirements 933](#_Toc256001201)

[6A.11.2 Resubmission of proposal, framework, pricing methodology or information 934](#_Toc256001202)

[6A.11.2A Confidential information 934](#_Toc256001203)

[6A.11.3 Consultation 935](#_Toc256001204)

[6A.12 Draft decision and further consultation 935](#_Toc256001205)

[6A.12.1 Making of draft decision 935](#_Toc256001206)

[6A.12.2 Publication of draft decision and consultation 936](#_Toc256001207)

[6A.12.3 Submission of revised proposal or pricing methodology 936](#_Toc256001208)

[6A.12.4 Submissions on specified matters 938](#_Toc256001209)

[6A.13 Final decision 938](#_Toc256001210)

[6A.13.1 Making of final decision 938](#_Toc256001211)

[6A.13.2 Refusal to approve amounts, values, framework or pricing methodology 938](#_Toc256001212)

[6A.13.2A Out of scope revised documents or late submissions 939](#_Toc256001213)

[6A.13.3 Notice of final decision 940](#_Toc256001214)

[6A.13.4 Making of transmission determination 940](#_Toc256001215)

[6A.14 Requirements relating to draft and final decisions 940](#_Toc256001216)

[6A.14.1 Contents of decisions 940](#_Toc256001217)

[6A.14.2 Reasons for decisions 942](#_Toc256001218)

[6A.14.3 Circumstances in which matters must be approved or accepted 942](#_Toc256001219)

[6A.15 Revocation of revenue determination or amendment of pricing methodology for wrong information or error 945](#_Toc256001220)

[6A.16 Miscellaneous 945](#_Toc256001221)

[6A.16A Transmission Confidentiality Guidelines 946](#_Toc256001222)

[Part F Information Disclosure 946](#_Toc256001223)

[6A.17 Information disclosure by Transmission Network Service Providers 946](#_Toc256001224)

[6A.17.1 Information to be provided to AER 946](#_Toc256001225)

[6A.17.2 Information Guidelines 947](#_Toc256001226)

[6A.18 [Deleted] 949](#_Toc256001227)

[Part G Cost Allocation 949](#_Toc256001228)

[6A.19 Cost allocation 949](#_Toc256001229)

[6A.19.1 Duty to comply with Cost Allocation Methodology 949](#_Toc256001230)

[6A.19.2 Cost Allocation Principles 949](#_Toc256001231)

[6A.19.3 Cost Allocation Guidelines 950](#_Toc256001232)

[6A.19.4 Cost Allocation Methodology 950](#_Toc256001233)

[Part H Transmission Consultation Procedures 951](#_Toc256001234)

[6A.20 Transmission consultation procedures 951](#_Toc256001235)

[Part I Ring-Fencing Arrangements for Transmission Network Service Providers 953](#_Toc256001236)

[6A.21 Transmission Ring-Fencing Guidelines 953](#_Toc256001237)

[6A.21.1 Compliance with Transmission Ring-Fencing Guidelines 953](#_Toc256001238)

[6A.21.2 Development of Transmission Ring-Fencing Guidelines 953](#_Toc256001239)

[Part J Prescribed Transmission Services - Regulation of Pricing 954](#_Toc256001240)

[6A.22 Terms used in Part J 954](#_Toc256001241)

[6A.22.1 Aggregate annual revenue requirement (AARR) 954](#_Toc256001242)

[6A.22.2 Annual service revenue requirement (ASRR) 955](#_Toc256001243)

[6A.22.3 Meaning of attributable cost share 955](#_Toc256001244)

[6A.22.4 Meaning of attributable connection point cost share 955](#_Toc256001245)

[6A.23 Pricing Principles for Prescribed Transmission Services 955](#_Toc256001246)

[6A.23.1 Introduction 955](#_Toc256001247)

[6A.23.2 Principles for the allocation of the aggregate annual revenue requirement 956](#_Toc256001248)

[6A.23.3 Principles for the allocation of the annual service revenue requirement to connection points 956](#_Toc256001249)

[6A.23.4 Principles for the recovery of the Annual Service Revenue Requirement as prices 959](#_Toc256001250)

[6A.24 Pricing methodology 960](#_Toc256001251)

[6A.24.1 Pricing methodologies generally 960](#_Toc256001252)

[6A.24.2 Publication of pricing methodology and transmission network prices 962](#_Toc256001253)

[6A.24.3 Basis for setting prices pending approval of pricing methodology 962](#_Toc256001254)

[6A.24.4 Basis for setting prices pending approval of maximum allowed revenue 963](#_Toc256001255)

[6A.25 Pricing methodology guidelines for prescribed transmission services 964](#_Toc256001256)

[6A.25.1 Making and amending of pricing methodology guidelines 964](#_Toc256001257)

[6A.25.2 Contents of pricing methodology guidelines 964](#_Toc256001258)

[6A.26 Prudent discounts 965](#_Toc256001259)

[6A.26.1 Agreements for prudent discounts for prescribed transmission services 965](#_Toc256001260)

[6A.26.2 Application to AER for approval of proposed prudent discount amounts 966](#_Toc256001261)

[6A.27 Billing Process 968](#_Toc256001262)

[6A.27.1 Billing for prescribed transmission services 968](#_Toc256001263)

[6A.27.1A Billing of modified load export charges 968](#_Toc256001264)

[6A.27.2 Minimum information to be provided in network service bills 968](#_Toc256001265)

[6A.27.3 Obligation to pay charges for prescribed transmission services 969](#_Toc256001266)

[6A.27.4 Payments between Transmission Network Service Providers in the same region 969](#_Toc256001267)

[6A.27.5 Calculation of financial transfers between Transmission Network Service Providers in the same region 969](#_Toc256001268)

[6A.28 Prudential Requirements 970](#_Toc256001269)

[6A.28.1 Prudential Requirements for prescribed transmission services 970](#_Toc256001270)

[6A.28.2 Capital contribution or prepayment for a specific asset 970](#_Toc256001271)

[6A.28.3 Treatment of past capital contributions 970](#_Toc256001272)

[6A.29 Multiple Transmission Network Service Providers 970](#_Toc256001273)

[6A.29.1 Multiple Transmission Network Service Providers within a region 970](#_Toc256001274)

[6A.29.2 Single Transmission Network Service Provider within a region 971](#_Toc256001275)

[6A.29.3 Allocation over several regions 971](#_Toc256001276)

[6A.29A Modified load export charges 972](#_Toc256001277)

[6A.29A.1 Single Transmission Network Service Provider in a Region 972](#_Toc256001278)

[6A.29A.2 Calculation of the modified load export charges 972](#_Toc256001279)

[6A.29A.3 Calculation of adjustments to the modified load export charge 973](#_Toc256001280)

[6A.29A.4 Billing the modified load export charge 973](#_Toc256001281)

[6A.29A.5 Allocation and billing process where multiple Transmission Network Service Providers in a Region 973](#_Toc256001282)

[Part K Commercial arbitration for disputes about terms and conditions of access for prescribed and negotiated transmission services 974](#_Toc256001283)

[[Deleted] 974](#_Toc256001284)

[Part L Annual Benchmarking Report 974](#_Toc256001285)

[6A.31 Annual Benchmarking Report 974](#_Toc256001286)

[Schedule 6A.1 Contents of Revenue Proposals 974](#_Toc256001287)

[S6A.1.1 Information and matters relating to capital expenditure 974](#_Toc256001288)

[S6A.1.2 Information and matters relating to operating expenditure 975](#_Toc256001289)

[S6A.1.3 Additional information and matters 976](#_Toc256001290)

[Schedule 6A.2 Regulatory Asset Base 978](#_Toc256001291)

[S6A.2.1 Establishment of opening regulatory asset base for a regulatory control period 978](#_Toc256001292)

[S6A.2.2 Prudency and efficiency of capital expenditure 983](#_Toc256001293)

[S6A.2.2A Reduction for inefficient past capital expenditure 984](#_Toc256001294)

[S6A.2.2B Depreciation 986](#_Toc256001295)

[S6A.2.3 Removal of assets from regulatory asset base 986](#_Toc256001296)

[S6A.2.4 Roll forward of regulatory asset base within the same regulatory control period 987](#_Toc256001297)

[Schedule 6A.3 CRNP methodology and modified CRNP methodology 988](#_Toc256001298)

[S6A.3.1 Meaning of optimised replacement cost 988](#_Toc256001299)

[S6A.3.2 CRNP methodology 988](#_Toc256001300)

[S6A.3.3 Modified CRNP methodology 989](#_Toc256001301)

[Schedule 6A.4 Application of this Chapter to AEMO and declared transmission system operators 990](#_Toc256001302)

[S6A.4.1 Application of this Chapter to AEMO etc 990](#_Toc256001303)

[S6A.4.2 Exclusions, qualifications and modifications 990](#_Toc256001304)

[6B. Retail markets 999](#_Toc256001305)

[Part A Retail support 999](#_Toc256001306)

[Division 1 Application and definitions 999](#_Toc256001307)

[6B.A1.1 Application of this Part 999](#_Toc256001308)

[6B.A1.2 Definitions 999](#_Toc256001309)

[Division 2 Billing and payment rules 999](#_Toc256001310)

[6B.A2.1 Obligation to pay 999](#_Toc256001311)

[6B.A2.2 Direct customer billing and energy-only contracts 1000](#_Toc256001312)

[6B.A2.3 Calculating network charges 1000](#_Toc256001313)

[6B.A2.4 Statement of charges 1000](#_Toc256001314)

[6B.A2.5 Time and manner of payment 1001](#_Toc256001315)

[Division 3 Matters incidental to billing and payment 1001](#_Toc256001316)

[6B.A3.1 Adjustment of network charges 1001](#_Toc256001317)

[6B.A3.2 Tariff reassignment 1001](#_Toc256001318)

[6B.A3.3 Disputed statements of charges 1002](#_Toc256001319)

[6B.A3.4 Interest 1003](#_Toc256001320)

[6B.A3.5 Notification of changes to charges 1003](#_Toc256001321)

[Part B Credit support required for late payment 1004](#_Toc256001322)

[Division 1 Application and definitions 1004](#_Toc256001323)

[6B.B1.1 Application of Part B 1004](#_Toc256001324)

[6B.B1.2 Definitions 1004](#_Toc256001325)

[Division 2 Requirements for credit support 1004](#_Toc256001326)

[6B.B2.1 Distribution Network Service Provider may require credit support in limited circumstances 1004](#_Toc256001327)

[Division 3 Provision of credit support by retailers 1005](#_Toc256001328)

[6B.B3.1 Retailer to provide credit support 1005](#_Toc256001329)

[6B.B3.2 Acceptable form of credit support 1005](#_Toc256001330)

[Division 4 Other Rules relating to credit support 1006](#_Toc256001331)

[6B.B4.1 Application of credit support 1006](#_Toc256001332)

[6B.B4.2 Return of credit support 1006](#_Toc256001333)

[6B.B4.3 Other retailer obligations 1006](#_Toc256001334)

[Schedule 6B.1 Prescribed form of unconditional undertaking for credit support 1006](#_Toc256001335)

[7. Metering 1011](#_Toc256001336)

[Part A Introduction 1011](#_Toc256001337)

[7.1 Introduction to the Metering Chapter 1011](#_Toc256001338)

[7.1.1 Contents 1011](#_Toc256001339)

[Part B Roles and Responsibilities 1011](#_Toc256001340)

[7.2 Role and Responsibility of financially responsible Market Participant 1011](#_Toc256001341)

[7.2.1 Obligations of financially responsible Market Participants to establish metering installations 1011](#_Toc256001342)

[7.2.2 [Not used] 1012](#_Toc256001343)

[7.2.3 Agreements with Local Network Service Provider 1012](#_Toc256001344)

[7.2.4 [Not used] 1012](#_Toc256001345)

[7.2.5 Agreements with Metering Provider 1012](#_Toc256001346)

[7.3 Role and Responsibility of Metering Coordinator 1012](#_Toc256001347)

[7.3.1 Responsibility of the Metering Coordinator 1012](#_Toc256001348)

[7.3.2 Role of the Metering Coordinator 1013](#_Toc256001349)

[7.4 Qualification and Registration of Metering Providers, Metering Data Providers and Embedded Network Managers 1016](#_Toc256001350)

[7.4.1 Qualifications and registration of Metering Providers 1016](#_Toc256001351)

[7.4.2 Qualifications and registration of Metering Data Providers 1017](#_Toc256001352)

[7.4.2A Qualifications and registration of Embedded Network Managers 1017](#_Toc256001353)

[7.4.2B List of Embedded Network Managers 1018](#_Toc256001354)

[7.4.3 Nature of appointment of Metering Provider or Metering Data Provider 1018](#_Toc256001355)

[7.4.4 Deregistration of Metering Providers, Metering Data Providers and Embedded Network Managers 1018](#_Toc256001356)

[7.5 Role and Responsibility of AEMO 1020](#_Toc256001357)

[7.5.1 Responsibility of AEMO for the collection, processing and delivery of metering data 1020](#_Toc256001358)

[7.5.2 AEMO's costs in connection with metering installation 1021](#_Toc256001359)

[7.5A Role and Responsibility of Embedded Network Managers 1021](#_Toc256001360)

[7.5A.1 Responsibility of Embedded Network Managers for management services 1021](#_Toc256001361)

[7.5A.2 EN information 1021](#_Toc256001362)

[Part C Appointment of Metering Coordinator 1022](#_Toc256001363)

[7.6 Appointment of Metering Coordinator 1022](#_Toc256001364)

[7.6.1 Commercial nature of the Metering Coordinator appointment and service provision 1022](#_Toc256001365)

[7.6.2 Persons who may appoint Metering Coordinators 1022](#_Toc256001366)

[7.6.3 Appointment with respect to transmission network connection 1023](#_Toc256001367)

[7.6.4 Type 7 metering installations 1023](#_Toc256001368)

[7.7 Metering Coordinator default arrangements 1024](#_Toc256001369)

[7.7.1 Obligations of financially responsible Market Participants on Metering Coordinator default event and end of contract term 1024](#_Toc256001370)

[7.7.2 Notices to be provided by Metering Coordinator 1025](#_Toc256001371)

[7.7.3 AEMO may issue breach notice 1025](#_Toc256001372)

[Part D Metering installation 1026](#_Toc256001373)

[7.8 Metering installation arrangements 1026](#_Toc256001374)

[7.8.1 Metering installation requirements 1026](#_Toc256001375)

[7.8.2 Metering installation components 1027](#_Toc256001376)

[7.8.3 Small customer metering installations 1031](#_Toc256001377)

[7.8.4 Type 4A metering installation 1031](#_Toc256001378)

[7.8.5 Emergency management 1034](#_Toc256001379)

[7.8.6 Network devices 1034](#_Toc256001380)

[7.8.7 Metering point 1037](#_Toc256001381)

[7.8.8 Metering installation types and accuracy 1037](#_Toc256001382)

[7.8.9 Meter churn 1038](#_Toc256001383)

[7.8.10 Metering installation malfunctions 1038](#_Toc256001384)

[7.8.10A Timeframes for meters to be installed – new connection 1040](#_Toc256001385)

[7.8.10B Timeframes for meters to be installed – where a connection service is not required 1041](#_Toc256001386)

[7.8.10C Timeframes for meters to be installed – where a connection alteration is required 1042](#_Toc256001387)

[7.8.11 Changes to metering equipment, parameters and settings within a metering installation 1044](#_Toc256001388)

[7.8.12 Special site or technology related conditions 1044](#_Toc256001389)

[7.8.13 Joint metering installations 1045](#_Toc256001390)

[7.9 Inspection, Testing and Audit of Metering installations 1046](#_Toc256001391)

[7.9.1 Responsibility for testing 1046](#_Toc256001392)

[7.9.2 Actions in event of non-compliance 1048](#_Toc256001393)

[7.9.3 Audits of information held in metering installations 1048](#_Toc256001394)

[7.9.4 Errors found in metering tests, inspections or audits 1049](#_Toc256001395)

[7.9.5 Retention of test records and documents 1050](#_Toc256001396)

[7.9.6 Metering installation registration process 1051](#_Toc256001397)

[Part E Metering Data 1051](#_Toc256001398)

[7.10 Metering Data Services 1051](#_Toc256001399)

[7.10.1 Metering Data Services 1051](#_Toc256001400)

[7.10.2 Data management and storage 1052](#_Toc256001401)

[7.10.3 Provision of metering data to certain persons 1053](#_Toc256001402)

[7.10.4 Use of check metering data 1053](#_Toc256001403)

[7.10.5 Periodic energy metering 1054](#_Toc256001404)

[7.10.6 Time settings 1054](#_Toc256001405)

[7.10.7 Metering data performance standards 1055](#_Toc256001406)

[7.11 Metering data and database 1056](#_Toc256001407)

[7.11.1 Metering database 1056](#_Toc256001408)

[7.11.2 Data validation, substitution and estimation 1057](#_Toc256001409)

[7.11.3 Changes to energy data or to metering data 1058](#_Toc256001410)

[7.12 Register of Metering Information 1058](#_Toc256001411)

[7.12.1 Metering register 1058](#_Toc256001412)

[7.12.2 Metering register discrepancy 1058](#_Toc256001413)

[7.13 Disclosure of NMI information 1059](#_Toc256001414)

[7.13.1 Application of this Rule 1059](#_Toc256001415)

[7.13.2 NMI and NMI checksum 1059](#_Toc256001416)

[7.13.3 NMI Standing Data 1059](#_Toc256001417)

[7.14 Metering data provision to retail customers 1059](#_Toc256001418)

[Part F Security of metering installation and energy data 1060](#_Toc256001419)

[7.15 Security of metering installation and energy data 1060](#_Toc256001420)

[7.15.1 Confidentiality 1060](#_Toc256001421)

[7.15.2 Security of metering installations 1061](#_Toc256001422)

[7.15.3 Security controls for energy data 1061](#_Toc256001423)

[7.15.4 Additional security controls for small customer metering installations 1063](#_Toc256001424)

[7.15.5 Access to data 1064](#_Toc256001425)

[Part G Procedures 1065](#_Toc256001426)

[7.16 Procedures 1065](#_Toc256001427)

[7.16.1 Obligation to establish, maintain and publish procedures 1065](#_Toc256001428)

[7.16.2 Market Settlement and Transfer Solution Procedures 1066](#_Toc256001429)

[7.16.3 Requirements of the metrology procedure 1066](#_Toc256001430)

[7.16.4 Jurisdictional metrology material in metrology procedure 1068](#_Toc256001431)

[7.16.5 Additional metrology procedure matters 1069](#_Toc256001432)

[7.16.6 Requirements of the service level procedures 1070](#_Toc256001433)

[7.16.6A Requirements of the ENM service level procedures 1071](#_Toc256001434)

[7.16.6B Guide to embedded networks 1072](#_Toc256001435)

[7.16.7 Amendment of procedures in the Metering Chapter 1072](#_Toc256001436)

[7.16.8 National Measurement Act 1073](#_Toc256001437)

[Part H B2B Requirements 1074](#_Toc256001438)

[7.17 B2B Arrangements 1074](#_Toc256001439)

[7.17.1 B2B e-Hub 1074](#_Toc256001440)

[7.17.2 B2B e-Hub Participants 1074](#_Toc256001441)

[7.17.3 Content of the B2B Procedures 1075](#_Toc256001442)

[7.17.4 Changing B2B Procedures 1076](#_Toc256001443)

[7.17.5 B2B Decision 1078](#_Toc256001444)

[7.17.6 Establishment of Information Exchange Committee 1079](#_Toc256001445)

[7.17.7 Functions and powers of Information Exchange Committee 1080](#_Toc256001446)

[7.17.8 Obligations of Members 1081](#_Toc256001447)

[7.17.9 Meetings of Information Exchange Committee 1082](#_Toc256001448)

[7.17.10 Nomination, election and appointment of Members 1082](#_Toc256001449)

[7.17.11 Qualifications of Members 1083](#_Toc256001450)

[7.17.12 Information Exchange Committee Election Procedures and Information Exchange Committee Operating Manual 1084](#_Toc256001451)

[7.17.13 Cost Recovery 1085](#_Toc256001452)

[Schedule 7.1 Metering register 1085](#_Toc256001453)

[S7.1.1 General 1085](#_Toc256001454)

[S7.1.2 Metering register information 1085](#_Toc256001455)

[Schedule 7.2 Metering Provider 1086](#_Toc256001456)

[S7.2.1 General 1086](#_Toc256001457)

[S7.2.2 Categories of registration 1087](#_Toc256001458)

[S7.2.3 Capabilities of Metering Providers for metering installations types 1, 2, 3, 4 and 4A 1088](#_Toc256001459)

[S7.2.4 Capabilities of Metering Providers for metering installations types 5 and 6 1090](#_Toc256001460)

[S7.2.5 Capabilities of Metering Providers for small customer metering installations 1091](#_Toc256001461)

[S7.2.6 Capabilities of the Accredited Service Provider category 1091](#_Toc256001462)

[Schedule 7.3 Metering Data Provider 1091](#_Toc256001463)

[S7.3.1 General 1091](#_Toc256001464)

[S7.3.2 Categories of registration 1091](#_Toc256001465)

[S7.3.3 Capabilities of Metering Data Providers 1092](#_Toc256001466)

[S7.3.4 Capabilities of Metering Data Providers for small customer metering installations 1094](#_Toc256001467)

[Schedule 7.4 Types and Accuracy of Metering installations 1094](#_Toc256001468)

[S7.4.1 General requirements 1094](#_Toc256001469)

[S7.4.2 Metering installations commissioned prior to 13 December 1998 1094](#_Toc256001470)

[S7.4.3 Accuracy requirements for metering installations 1095](#_Toc256001471)

[S7.4.4 Check metering 1100](#_Toc256001472)

[S7.4.5 Resolution and accuracy of displayed or captured data 1101](#_Toc256001473)

[S7.4.6 General design standards 1101](#_Toc256001474)

[S7.4.6.1 Design requirements 1101](#_Toc256001475)

[S7.4.6.2 Design guidelines 1102](#_Toc256001476)

[Schedule 7.5 Requirements of minimum services specification 1103](#_Toc256001477)

[S7.5.1 Minimum services specification 1103](#_Toc256001478)

[Schedule 7.6 Inspection and Testing Requirements 1106](#_Toc256001479)

[S7.6.1 General 1106](#_Toc256001480)

[S7.6.2 Technical Guidelines 1108](#_Toc256001481)

[Schedule 7.7 Embedded Network Managers 1109](#_Toc256001482)

[S7.7.1 General 1109](#_Toc256001483)

[S7.7.2 Capabilities of Embedded Network Managers 1109](#_Toc256001484)

[8. Administrative Functions 1113](#_Toc256001485)

[Part A Introductory 1113](#_Toc256001486)

[8.1 Administrative functions 1113](#_Toc256001487)

[8.1.1 [Deleted] 1113](#_Toc256001488)

[8.1.2 [Deleted] 1113](#_Toc256001489)

[8.1.3 Structure of this Chapter 1113](#_Toc256001490)

[Part B Disputes 1113](#_Toc256001491)

[8.2 Dispute Resolution 1113](#_Toc256001492)

[8.2.1 Application and guiding principles 1113](#_Toc256001493)

[8.2.2 The Dispute Resolution Adviser 1116](#_Toc256001494)

[8.2.3 Dispute management systems of Registered Participants and AEMO 1117](#_Toc256001495)

[8.2.4 Stage 1 - dispute resolution through Registered Participants' DMS 1118](#_Toc256001496)

[8.2.5 Stage 2 - dispute resolution process 1120](#_Toc256001497)

[8.2.6A Establishment of Dispute Resolution Panel 1120](#_Toc256001498)

[8.2.6B Parties to DRP Proceedings 1121](#_Toc256001499)

[8.2.6C Proceedings of the DRP 1122](#_Toc256001500)

[8.2.6D Decisions of the DRP 1123](#_Toc256001501)

[8.2.6 [Deleted] 1123](#_Toc256001502)

[8.2.7 Legal representation 1123](#_Toc256001503)

[8.2.8 Cost of dispute resolution 1124](#_Toc256001504)

[8.2.9 Effect of resolution 1124](#_Toc256001505)

[8.2.10 Recording and publication 1125](#_Toc256001506)

[8.2.11 Appeals on questions of law 1125](#_Toc256001507)

[8.2.12 [Deleted] 1125](#_Toc256001508)

[8.2A B2B Determination Disputes 1125](#_Toc256001509)

[8.2A.1 Application of rule 8.2 1125](#_Toc256001510)

[8.2A.2 How rule 8.2 applies 1125](#_Toc256001511)

[8.3 Power to make Electricity Procedures 1128](#_Toc256001512)

[8.4 [Deleted] 1128](#_Toc256001513)

[8.5 [Deleted] 1128](#_Toc256001514)

[Part C Registered Participants' confidentiality obligations 1128](#_Toc256001515)

[8.6 Confidentiality 1128](#_Toc256001516)

[8.6.1 Confidentiality 1128](#_Toc256001517)

[8.6.1A Application 1129](#_Toc256001518)

[8.6.2 Exceptions 1129](#_Toc256001519)

[8.6.3 Conditions 1131](#_Toc256001520)

[8.6.4 [Deleted] 1131](#_Toc256001521)

[8.6.5 Indemnity to AER, AEMC and AEMO 1131](#_Toc256001522)

[8.6.6 AEMO information 1131](#_Toc256001523)

[8.6.7 Information on Rules Bodies 1131](#_Toc256001524)

[Part D Monitoring and reporting 1132](#_Toc256001525)

[8.7 Monitoring and Reporting 1132](#_Toc256001526)

[8.7.1 Monitoring 1132](#_Toc256001527)

[8.7.2 Reporting requirements and monitoring standards for Registered Participants and AEMO 1132](#_Toc256001528)

[8.7.3 Consultation required for making general regulatory information order (Section 28H of the NEL) 1134](#_Toc256001529)

[8.7.4 Preparation of network service provider performance report (Section 28V of the NEL) 1135](#_Toc256001530)

[8.7.5 [Deleted] 1136](#_Toc256001531)

[8.7.6 Recovery of reporting costs 1136](#_Toc256001532)

[Part E Reliability panel 1136](#_Toc256001533)

[8.8 Reliability Panel 1136](#_Toc256001534)

[8.8.1 Purpose of Reliability Panel 1136](#_Toc256001535)

[8.8.2 Constitution of the Reliability Panel 1138](#_Toc256001536)

[8.8.3 Reliability Panel review process 1140](#_Toc256001537)

[8.8.4 Determination of protected events 1142](#_Toc256001538)

[Part F Rules consultation procedures 1144](#_Toc256001539)

[8.9 Rules Consultation Procedures 1144](#_Toc256001540)

[Part G Consumer advocacy funding 1146](#_Toc256001541)

[8.10 Consumer advocacy funding obligation 1146](#_Toc256001542)

[Part H Augmentations 1146](#_Toc256001543)

[8.11 Augmentations 1146](#_Toc256001544)

[8.11.1 Application 1146](#_Toc256001545)

[8.11.2 Object 1146](#_Toc256001546)

[8.11.3 Definitions 1147](#_Toc256001547)

[8.11.4 Planning criteria 1147](#_Toc256001548)

[8.11.5 Construction of augmentation that is not a contestable augmentation 1148](#_Toc256001549)

[8.11.6 Contestable augmentations 1148](#_Toc256001550)

[8.11.7 Construction and operation of contestable augmentation 1149](#_Toc256001551)

[8.11.8 Funded augmentations that are not subject to the tender process 1151](#_Toc256001552)

[8.11.9 Contractual requirements and principles 1151](#_Toc256001553)

[8.11.10 Annual planning review 1152](#_Toc256001554)

[Schedule 8.11 Principles to be reflected in agreements relating to contestable augmentations 1152](#_Toc256001555)

[S8.11.1 Risk allocation 1152](#_Toc256001556)

[S8.11.2 Minimum requirements for agreements relating to contestable augmentation 1153](#_Toc256001557)

[S8.11.3 Matters to be dealt with in relevant agreements 1154](#_Toc256001558)

[Part I Values of customer reliability 1154](#_Toc256001559)

[8.12 Development of methodology and publication of values of customer reliability 1154](#_Toc256001560)

[8A. Participant Derogations 1159](#_Toc256001561)

[Part 1 Derogations Granted to TransGrid 1159](#_Toc256001562)

[8A.1 [Deleted] 1159](#_Toc256001563)

[Part 2 Derogations Granted to EnergyAustralia 1159](#_Toc256001564)

[8A.2 [Deleted] 1159](#_Toc256001565)

[8A.2A [Deleted] 1159](#_Toc256001566)

[Part 3 [Deleted] 1159](#_Toc256001567)

[Part 4 [Deleted] 1159](#_Toc256001568)

[Part 5 [Deleted] 1159](#_Toc256001569)

[Part 6 Derogations Granted to Victorian Market Participants 1159](#_Toc256001570)

[Part 7 [Deleted] 1160](#_Toc256001571)

[Part 8 [Deleted] 1160](#_Toc256001572)

[Part 9 [Deleted] 1160](#_Toc256001573)

[Part 10 [Deleted] 1160](#_Toc256001574)

[Part 11 [Deleted] 1160](#_Toc256001575)

[Part 12 [Deleted] 1160](#_Toc256001576)

[Part 13 Derogation granted to Aurora Energy (Tamar Valley) Pty Ltd 1160](#_Toc256001577)

[8A.13 [Deleted] 1160](#_Toc256001578)

[Part 14 Derogations granted to Ausgrid, Endeavour Energy and Essential Energy 1160](#_Toc256001579)

[8A.14 Derogations from Chapter 6 for the current regulatory control period and subsequent regulatory control period 1160](#_Toc256001580)

[8A.14.1 Definitions 1160](#_Toc256001581)

[8A.14.2 Expiry date 1164](#_Toc256001582)

[8A.14.3 Application of Rule 8A.14 1164](#_Toc256001583)

[8A.14.4 Recovery of revenue across the current regulatory control period and subsequent regulatory control period 1165](#_Toc256001584)

[8A.14.5 Recovery of revenue in subsequent regulatory control period only and no reopening of subsequent distribution determination required 1166](#_Toc256001585)

[8A.14.6 Recovery of revenue in subsequent regulatory control period only and reopening of distribution determination is required 1167](#_Toc256001586)

[8A.14.7 Requirements for adjustment determination 1168](#_Toc256001587)

[8A.14.8 Application of Chapter 6 under participant derogation 1169](#_Toc256001588)

[Part 15 Derogations granted to ActewAGL 1170](#_Toc256001589)

[8A.15 Derogations from Chapter 6 for the current regulatory control period and subsequent regulatory control period 1170](#_Toc256001590)

[8A.15.1 Definitions 1170](#_Toc256001591)

[8A.15.2 Expiry date 1174](#_Toc256001592)

[8A.15.3 Application of Rule 8A.15 1174](#_Toc256001593)

[8A.15.4 Recovery of revenue across the current regulatory control period and subsequent regulatory control period 1174](#_Toc256001594)

[8A.15.5 Recovery of revenue in subsequent regulatory control period only and no reopening of subsequent distribution determination required 1176](#_Toc256001595)

[8A.15.6 Recovery of revenue in subsequent regulatory control period only and reopening of distribution determination is required 1177](#_Toc256001596)

[8A.15.7 Requirements for adjustment determination 1179](#_Toc256001597)

[8A.15.8 Application of Chapter 6 under participant derogation 1179](#_Toc256001598)

[9. Jurisdictional Derogations and Transitional Arrangements 1185](#_Toc256001599)

[9.1 Purpose and Application 1185](#_Toc256001600)

[9.1.1 Purpose 1185](#_Toc256001601)

[9.1.2 Jurisdictional Derogations 1185](#_Toc256001602)

[Part A Jurisdictional Derogations for Victoria 1185](#_Toc256001603)

[9.2 [Deleted] 1185](#_Toc256001604)

[9.3 Definitions 1185](#_Toc256001605)

[9.3.1 General Definitions 1185](#_Toc256001606)

[9.3.2 [Deleted] 1187](#_Toc256001607)

[9.3A Fault levels 1187](#_Toc256001608)

[9.4 Transitional Arrangements for Chapter 2 - Registered Participants, Registration and Cross Border Networks 1188](#_Toc256001609)

[9.4.1 [Deleted] 1188](#_Toc256001610)

[9.4.2 Smelter Trader 1188](#_Toc256001611)

[9.4.3 Smelter Trader: compliance 1188](#_Toc256001612)

[9.4.4 Report from AER 1191](#_Toc256001613)

[9.4.5 Cross Border Networks 1191](#_Toc256001614)

[9.5 Transitional Arrangements for Chapter 3 – Reliability and Emergency Reserve Trader 1192](#_Toc256001615)

[9.5.1 Definition 1192](#_Toc256001616)

[9.5.2 Expiry date 1192](#_Toc256001617)

[9.5.3 Multi-year Victorian contracts – term and volume 1192](#_Toc256001618)

[9.5.4 Multi-year Victorian contracts - reporting 1192](#_Toc256001619)

[9.6 Transitional Arrangements for Chapter 4 - System Security 1193](#_Toc256001620)

[9.6.1 Operating Procedures (clause 4.10.1) 1193](#_Toc256001621)

[9.6.2 Nomenclature Standards (clause 4.12) 1193](#_Toc256001622)

[9.7 Transitional Arrangements for Chapter 5 - Network Connection 1194](#_Toc256001623)

[9.7.1 [Deleted] 1194](#_Toc256001624)

[9.7.2 [Deleted] 1194](#_Toc256001625)

[9.7.3 [Deleted] 1194](#_Toc256001626)

[9.7.4 Regulation of Distribution Network Connection 1194](#_Toc256001627)

[9.7.5 [Deleted] 1195](#_Toc256001628)

[9.7.6 [Deleted] 1195](#_Toc256001629)

[9.7.7 [Deleted] 1195](#_Toc256001630)

[9.8 Transitional Arrangements for Chapter 6 - Network Pricing 1195](#_Toc256001631)

[9.8.1 [Deleted] 1195](#_Toc256001632)

[9.8.2 [Deleted] 1195](#_Toc256001633)

[9.8.3 [Deleted] 1195](#_Toc256001634)

[9.8.4 Transmission Network Pricing 1195](#_Toc256001635)

[9.8.4A [Deleted] 1196](#_Toc256001636)

[9.8.4B [Deleted] 1196](#_Toc256001637)

[9.8.4C [Deleted] 1196](#_Toc256001638)

[9.8.4D [Deleted] 1196](#_Toc256001639)

[9.8.4E [Deleted] 1196](#_Toc256001640)

[9.8.4F [Deleted] 1196](#_Toc256001641)

[9.8.4G [Deleted] 1196](#_Toc256001642)

[9.8.5 [Deleted] 1196](#_Toc256001643)

[9.8.6 [Deleted] 1196](#_Toc256001644)

[9.8.7 Distribution network pricing – transitional application of former Chapter 6 1196](#_Toc256001645)

[9.8.8 Exclusion of AER's power to aggregate distribution systems and parts of distribution systems 1197](#_Toc256001646)

[9.9 Transitional Arrangements for Chapter 7 - Metering 1198](#_Toc256001647)

[9.9.1 Metering Installations To Which This Schedule Applies 1198](#_Toc256001648)

[9.9.2 [Deleted] 1198](#_Toc256001649)

[9.9.3 [Deleted] 1198](#_Toc256001650)

[9.9.4 [Deleted] 1198](#_Toc256001651)

[9.9.5 [Deleted] 1198](#_Toc256001652)

[9.9.6 [Deleted] 1198](#_Toc256001653)

[9.9.7 [Deleted] 1198](#_Toc256001654)

[9.9.8 [Deleted] 1198](#_Toc256001655)

[9.9.9 Periodic Energy Metering (clause 7.9.3) 1198](#_Toc256001656)

[9.9.10 Use of Alternate Technologies (clause 7.13) 1198](#_Toc256001657)

[9.9A [Deleted] 1199](#_Toc256001658)

[9.9B [Deleted] 1199](#_Toc256001659)

[9.9C [Deleted] 1199](#_Toc256001660)

[1. Interpretation of tables 1199](#_Toc256001661)

[2. Continuing effect 1199](#_Toc256001662)

[3. Subsequent agreement 1200](#_Toc256001663)

[4. [Deleted] 1200](#_Toc256001664)

[5. Reactive Power Capability (clause S5.2.5.1 of schedule 5.2) 1200](#_Toc256001665)

[6. [Deleted] 1201](#_Toc256001666)

[7. [Deleted] 1201](#_Toc256001667)

[8. [Deleted] 1201](#_Toc256001668)

[9. [Deleted] 1201](#_Toc256001669)

[10. [Deleted] 1201](#_Toc256001670)

[11. [Deleted 1201](#_Toc256001671)

[12. [Deleted] 1201](#_Toc256001672)

[13. Governor Systems (load control) (clause S5.2.5.11 of schedule 5.2) 1201](#_Toc256001673)

[14. [Deleted] 1201](#_Toc256001674)

[15. [Deleted] 1201](#_Toc256001675)

[16. Excitation Control System (clause S5.2.5.13 of schedule 5.2) 1201](#_Toc256001676)

[Part B Jurisdictional Derogations for New South Wales 1202](#_Toc256001677)

[9.10 [Deleted] 1202](#_Toc256001678)

[9.11 Definitions 1202](#_Toc256001679)

[9.11.1 Definitions used in this Part B 1202](#_Toc256001680)

[9.12 Transitional Arrangements for Chapter 2 - Generators, Registered Participants, Registration and Cross Border Networks 1203](#_Toc256001681)

[9.12.1 [Deleted] 1203](#_Toc256001682)

[9.12.2 Customers 1203](#_Toc256001683)

[9.12.3 Power Traders 1203](#_Toc256001684)

[9.12.4 Cross Border Networks 1206](#_Toc256001685)

[9.13 [Deleted] 1207](#_Toc256001686)

[9.14 Transitional Arrangements for Chapter 4 - System Security 1207](#_Toc256001687)

[9.14.1 Power System Operating Procedures 1207](#_Toc256001688)

[9.15 NSW contestable services for Chapter 5A 1207](#_Toc256001689)

[9.15.1 Definitions 1207](#_Toc256001690)

[9.15.2 Chapter 5A not to apply to certain contestable services 1207](#_Toc256001691)

[9.16 Transitional Arrangements for Chapter 6 - Network Pricing 1207](#_Toc256001692)

[9.16.1 NSW contestable services 1207](#_Toc256001693)

[9.16.2 [Deleted] 1207](#_Toc256001694)

[9.16.3 Jurisdictional Regulator 1207](#_Toc256001695)

[9.16.4 Deemed Regulated Interconnector 1208](#_Toc256001696)

[9.16.5 [Deleted] 1208](#_Toc256001697)

[9.17 Transitional Arrangements for Chapter 7 - Metering 1208](#_Toc256001698)

[9.17.1 Extent of Derogations 1208](#_Toc256001699)

[9.17.2 Initial Registration (clause 7.1.2) 1208](#_Toc256001700)

[9.17.3 Amendments to Schedule 9G1 1208](#_Toc256001701)

[9.17.4 Compliance with AS/NZ ISO 9002 (clause S7.4.3(f) of schedule 7.4) 1209](#_Toc256001702)

[9.17A [Deleted] 1209](#_Toc256001703)

[9.18 [Deleted] 1209](#_Toc256001704)

[Part C Jurisdictional Derogations for the Australian Capital Territory 1209](#_Toc256001705)

[9.19 [Deleted] 1209](#_Toc256001706)

[9.20 Definitions and Transitional Arrangements for Cross-Border Networks 1209](#_Toc256001707)

[9.20.1 Definitions 1209](#_Toc256001708)

[9.20.2 Cross Border Networks 1209](#_Toc256001709)

[9.21 [Deleted] 1210](#_Toc256001710)

[9.22 [Deleted] 1210](#_Toc256001711)

[9.23 Transitional Arrangements for Chapter 6 - Network Pricing 1210](#_Toc256001712)

[9.23.1 [Deleted] 1210](#_Toc256001713)

[9.23.2 [Deleted] 1210](#_Toc256001714)

[9.23.3 [Deleted 1210](#_Toc256001715)

[9.23.4 [Deleted] 1210](#_Toc256001716)

[9.24 Transitional Arrangements 1210](#_Toc256001717)

[9.24.1 Chapter 7 - Metering 1210](#_Toc256001718)

[9.24.2 [Deleted] 1210](#_Toc256001719)

[9.24A [Deleted] 1210](#_Toc256001720)

[Part D Jurisdictional Derogations for South Australia 1210](#_Toc256001721)

[9.25 Definitions 1210](#_Toc256001722)

[9.25.1 [Deleted] 1210](#_Toc256001723)

[9.25.2 Definitions 1210](#_Toc256001724)

[9.26 Transitional Arrangements for Chapter 2 - Registered Participants, Registration And Cross Border Networks 1213](#_Toc256001725)

[9.26.1 Registration as a Generator 1213](#_Toc256001726)

[9.26.2 Registration as a Customer 1214](#_Toc256001727)

[9.26.3 Cross Border Networks 1214](#_Toc256001728)

[9.26.4 [Deleted] 1214](#_Toc256001729)

[9.26.5 Registration as a Network Service Provider 1214](#_Toc256001730)

[9.27 [Deleted] 1215](#_Toc256001731)

[9.28 Transitional Arrangements for Chapter 5 - Network Connection 1215](#_Toc256001732)

[9.28.1 Application of clause 5.2 1215](#_Toc256001733)

[9.28.2 [Deleted] 1216](#_Toc256001734)

[9.29 Transitional Arrangements for Chapter 6 - Economic Regulation of Distribution Services 1216](#_Toc256001735)

[9.29.1 [Deleted] 1216](#_Toc256001736)

[9.29.2 [Deleted] 1216](#_Toc256001737)

[9.29.3 [Deleted] 1216](#_Toc256001738)

[9.29.4 [Deleted] 1216](#_Toc256001739)

[9.29.5 Distribution Network Pricing – South Australia 1216](#_Toc256001740)

[9.29.6 Capital contributions, prepayments and financial guarantees 1217](#_Toc256001741)

[9.29.7 Ring fencing 1217](#_Toc256001742)

[9.29A Monitoring and reporting 1217](#_Toc256001743)

[9.30 Transitional Provisions 1218](#_Toc256001744)

[9.30.1 Chapter 7 - Metering 1218](#_Toc256001745)

[Part E Jurisdictional Derogations for Queensland 1218](#_Toc256001746)

[9.31 [Deleted] 1218](#_Toc256001747)

[9.32 Definitions and Interpretation 1218](#_Toc256001748)

[9.32.1 Definitions 1218](#_Toc256001749)

[9.32.2 Interpretation 1221](#_Toc256001750)

[9.33 Transitional Arrangements for Chapter 1 1221](#_Toc256001751)

[9.33.1 [Deleted] 1221](#_Toc256001752)

[9.34 Transitional Arrangements for Chapter 2 - Registered Participants and Registration 1221](#_Toc256001753)

[9.34.1 Application of the Rules in Queensland (clauses 2.2 and 2.5) 1221](#_Toc256001754)

[9.34.2 Stanwell Cross Border Leases (clause 2.2) 1221](#_Toc256001755)

[9.34.3 [Deleted] 1221](#_Toc256001756)

[9.34.4 Registration as a Customer (clause 2.3.1) 1221](#_Toc256001757)

[9.34.5 There is no clause 9.34.5 1222](#_Toc256001758)

[9.34.6 Exempted generation agreements (clause 2.2) 1222](#_Toc256001759)

[9.35 [Deleted] 1226](#_Toc256001760)

[9.36 [Deleted] 1226](#_Toc256001761)

[9.37 Transitional Arrangements for Chapter 5 - Network Connection 1226](#_Toc256001762)

[9.37.1 [Deleted] 1226](#_Toc256001763)

[9.37.2 Existing connection and access agreements (clause 5.2) 1226](#_Toc256001764)

[9.37.3 [Deleted] 1227](#_Toc256001765)

[9.37.4 [Deleted] 1227](#_Toc256001766)

[9.37.5 Forecasts for connection points to transmission network (clause 5.11.1) 1227](#_Toc256001767)

[9.37.6 There is no clause 9.37.6 1227](#_Toc256001768)

[9.37.7 Cross Border Networks 1227](#_Toc256001769)

[9.37.8 [Deleted] 1228](#_Toc256001770)

[9.37.9 Credible contingency events (clause S5.1.2.1 of schedule 5.1) 1228](#_Toc256001771)

[9.37.10 Reactive power capability (clause S5.2.5.1 of schedule 5.2) 1228](#_Toc256001772)

[9.37.11 [Deleted] 1229](#_Toc256001773)

[9.37.12 Voltage fluctuations (clause S5.1.5 of schedule 5.1) 1229](#_Toc256001774)

[9.37.13 [Deleted] 1231](#_Toc256001775)

[9.37.14 [Deleted] 1231](#_Toc256001776)

[9.37.15 [Deleted] 1231](#_Toc256001777)

[9.37.16 [Deleted] 1231](#_Toc256001778)

[9.37.17 [Deleted] 1231](#_Toc256001779)

[9.37.18 [Deleted] 1231](#_Toc256001780)

[9.37.19 Generating unit response to disturbances (clause S5.2.5.3 of schedule 5.2) 1231](#_Toc256001781)

[9.37.20 [Deleted] 1231](#_Toc256001782)

[9.37.21 Excitation control system (clause S.5.2.5.13 of schedule 5.2) 1231](#_Toc256001783)

[9.37.22 [Deleted] 1232](#_Toc256001784)

[9.37.23 Annual forecast information for planning purposes (schedule 5.7) 1232](#_Toc256001785)

[9.38 Transitional Arrangements for Chapter 6 - Network Pricing 1232](#_Toc256001786)

[9.38.1 [Deleted] 1232](#_Toc256001787)

[9.38.2 [Deleted] 1232](#_Toc256001788)

[9.38.3 [Deleted] 1232](#_Toc256001789)

[9.38.4 Interconnectors between regions 1232](#_Toc256001790)

[9.38.5 Transmission pricing for exempted generation agreements 1232](#_Toc256001791)

[9.39 Transitional Arrangements for Chapter 7 - Metering 1233](#_Toc256001792)

[9.39.1 Metering installations to which this clause applies 1233](#_Toc256001793)

[9.39.2 [Deleted] 1234](#_Toc256001794)

[9.39.3 [Deleted] 1234](#_Toc256001795)

[9.39.4 [Deleted] 1234](#_Toc256001796)

[9.39.5 [Deleted] 1234](#_Toc256001797)

[9.40 Transitional Arrangements for Chapter 8 - Administration Functions 1234](#_Toc256001798)

[9.40.1 [Deleted] 1234](#_Toc256001799)

[9.40.2 [Deleted] 1234](#_Toc256001800)

[9.40.3 [Deleted] 1234](#_Toc256001801)

[9.41 [Deleted] 1234](#_Toc256001802)

[Part F Jurisdictional Derogations for Tasmania 1235](#_Toc256001803)

[9.42 Definitions and interpretation 1235](#_Toc256001804)

[9.42.1 Definitions 1235](#_Toc256001805)

[9.42.2 Interpretation 1236](#_Toc256001806)

[9.42.3 National grid, power system and related expressions 1236](#_Toc256001807)

[9.43 [Deleted] 1237](#_Toc256001808)

[9.44 Transitional arrangements for Chapter 2 – Registered Participants and Registration - Customers (clause 2.3.1(e)) 1237](#_Toc256001809)

[9.45 Tasmanian Region (clause 3.5) 1237](#_Toc256001810)

[9.47 Transitional arrangements for Chapter 5- Network Connection 1237](#_Toc256001811)

[9.47.1 Existing Connection Agreements 1237](#_Toc256001812)

[9.48 Transitional arrangements - Transmission and Distribution Pricing 1237](#_Toc256001813)

[9.48.4A Ring fencing 1237](#_Toc256001814)

[9.48.4B Uniformity of tariffs for small customers 1238](#_Toc256001815)

[9.48.5 Transmission network 1238](#_Toc256001816)

[9.48.6 Deemed regulated interconnector 1238](#_Toc256001817)

[Part G Schedules to Chapter 9 1238](#_Toc256001818)

[1. Introduction 1238](#_Toc256001819)

[2. [Deleted] 1238](#_Toc256001820)

[3. General Principle 1238](#_Toc256001821)

[4. [Deleted] 1239](#_Toc256001822)

[5. Accuracy Requirements 1239](#_Toc256001823)

[6. [Deleted] 1239](#_Toc256001824)

[7. [Deleted] 1239](#_Toc256001825)

[8. [Deleted] 1239](#_Toc256001826)

[9. [Deleted] 1239](#_Toc256001827)

[10. [Deleted] 1239](#_Toc256001828)

[10. Glossary 1243](#_Toc256001829)

[11. Savings and Transitional Rules 1361](#_Toc256001830)

[Part A Definitions 1361](#_Toc256001831)

[Part B System Restart Ancillary Services (2006 amendments) 1361](#_Toc256001832)

[11.2 Rules consequent on making of the National Electricity Amendment (System Restart Ancillary Services and pricing under market suspension) Rule 2006 1361](#_Toc256001833)

[11.2.1 Transitional provision for acquisition of non-market ancillary services 1361](#_Toc256001834)

[11.3 [Deleted] 1362](#_Toc256001835)

[Part C Dispute Resolution for Regulatory Test (2006 amendments) 1362](#_Toc256001836)

[11.4 Rules consequent on making of the National Electricity Amendment (Dispute Resolution for Regulatory Test) Rule 2006 1362](#_Toc256001837)

[11.4.1 Continuation of things done under old clause 5.6.6 1362](#_Toc256001838)

[Part D Metrology (2006 amendments) 1363](#_Toc256001839)

[11.5 Rules consequential on the making of the National Electricity Amendment (Metrology) Rule 2006 1363](#_Toc256001840)

[11.5.1 Definitions 1363](#_Toc256001841)

[11.5.2 Metrology procedures continues to apply until 31 December 2006 1363](#_Toc256001842)

[11.5.3 Responsible person 1363](#_Toc256001843)

[11.5.4 NEMMCO's responsibility to develop a metrology procedure 1363](#_Toc256001844)

[11.5.5 Jurisdictional metrology material in the metrology procedure 1364](#_Toc256001845)

[Part E Economic Regulation of Transmission Services (2006 amendments) 1364](#_Toc256001846)

[11.6 Rules consequent on making of the National Electricity Amendment (Economic Regulation of Transmission Services) Rule 2006 1364](#_Toc256001847)

[11.6.1 Definitions 1364](#_Toc256001848)

[11.6.2 New Chapter 6A does not affect existing revenue determinations 1365](#_Toc256001849)

[11.6.3 Old Part C and Schedules 6.2, 6.3, 6.4, 6.7 and 6.8 of old Chapter 6 1366](#_Toc256001850)

[11.6.4 Old Part F of Chapter 6 1366](#_Toc256001851)

[11.6.5 Application of new Chapter 6A to Transmission Network Service Providers 1366](#_Toc256001852)

[11.6.6 Application of Chapter 6 to old distribution matters 1366](#_Toc256001853)

[11.6.7 References to the old Chapter 6 1366](#_Toc256001854)

[11.6.8 References to provisions of the old Chapter 6 1367](#_Toc256001855)

[11.6.9 Roll forward of regulatory asset base for first regulatory control period 1367](#_Toc256001856)

[11.6.10 Other adjustment carry-over mechanisms from current to first regulatory control period 1367](#_Toc256001857)

[11.6.11 Clause consequent upon making National Electricity Amendment (Cost Allocation Arrangements for Transmission Services) Rule No 2009 No 3 - Transition to new Chapter 6A: existing prescribed connection services 1367](#_Toc256001858)

[11.6.12 Powerlink transitional provisions 1370](#_Toc256001859)

[11.6.13 ElectraNet easements transitional provisions 1373](#_Toc256001860)

[11.6.14 TransGrid contingent projects 1373](#_Toc256001861)

[11.6.15 Transmission determination includes existing revenue determinations 1374](#_Toc256001862)

[11.6.16 References to regulatory control period 1374](#_Toc256001863)

[11.6.17 Consultation procedure for first proposed guidelines 1374](#_Toc256001864)

[11.6.18 Reliance on proposed guidelines for SP AusNet, VENCorp and ElectraNet 1375](#_Toc256001865)

[11.6.19 EnergyAustralia transitional provisions 1375](#_Toc256001866)

[11.6.20 Basslink transitional provisions 1377](#_Toc256001867)

[11.6.21 SPI Powernet savings and transitional provision 1379](#_Toc256001868)

[11.6.22 Interim arrangements pricing-related information 1380](#_Toc256001869)

[Part F Reform of Regulatory Test Principles (2006 amendments) 1381](#_Toc256001870)

[11.7 Rules consequent on making of the National Electricity Amendment (Reform of the Regulatory Test Principles) Rule 2006 1381](#_Toc256001871)

[11.7.1 Definitions 1381](#_Toc256001872)

[11.7.2 Amending Rule does not affect old clause 5.6.5A 1381](#_Toc256001873)

[Part G Pricing of Prescribed Transmission Services (2006 amendments) 1381](#_Toc256001874)

[11.8 Rules consequent on making the National Electricity Amendment (Pricing of Prescribed Transmission Services) Rule 2006 1381](#_Toc256001875)

[11.8.1 Definitions 1381](#_Toc256001876)

[11.8.2 Regulated interconnectors 1382](#_Toc256001877)

[11.8.3 Application of new Part J of Chapter 6A to Transmission Network Service Providers 1382](#_Toc256001878)

[11.8.4 Reliance on agreed interim guideline for ElectraNet, SPAusNet, and VenCorp 1383](#_Toc256001879)

[11.8.5 Prudent discounts under existing agreements 1383](#_Toc256001880)

[11.8.6 Application of prudent discounts regime under rule 6A.26 1383](#_Toc256001881)

[11.8.7 Prudent discounts pending approval of pricing methodology 1383](#_Toc256001882)

[Part H Reallocations (2007 amendments) 1384](#_Toc256001883)

[11.9 Rules consequent on the making of the National Electricity Amendment (Reallocations) Rule 2007 1384](#_Toc256001884)

[11.9.1 Definitions 1384](#_Toc256001885)

[11.9.2 Existing and transitional reallocations 1384](#_Toc256001886)

[Part I Technical Standards for Wind Generation (2007 amendments) 1385](#_Toc256001887)

[11.10 Rules consequent on making of the National Electricity Amendment (Technical Standards for Wind Generation and other Generator Connections) Rule 2007 1385](#_Toc256001888)

[11.10.1 Definitions 1385](#_Toc256001889)

[11.10.2 Provision of information under S5.2.4 in registration application 1385](#_Toc256001890)

[11.10.3 Access standards made under the old Chapter 5 1386](#_Toc256001891)

[11.10.4 Modifications to plant by Generators 1386](#_Toc256001892)

[11.10.5 Technical Details to Support Application for Connection and Connection Agreement 1386](#_Toc256001893)

[11.10.6 Transitional arrangements for establishment of performance standards 1386](#_Toc256001894)

[11.10.7 Jurisdictional Derogations for Queensland 1386](#_Toc256001895)

[11.10A Rules consequent on the making of the National Electricity Amendment (Central Dispatch and Integration of Wind and Other Intermittent Generation) Rule 2008 1387](#_Toc256001896)

[11.10A.1 Definitions 1387](#_Toc256001897)

[11.10A.2 Registration and reclassification of classified generating units 1388](#_Toc256001898)

[11.10A.3 Registered generating unit 1388](#_Toc256001899)

[11.10A.4 Classification of potential semi-scheduled generating unit 1388](#_Toc256001900)

[11.10A.5 Participant fees 1389](#_Toc256001901)

[11.10A.6 Timetable 1389](#_Toc256001902)

[11.10A.7 Procedure for contribution factors for ancillary service transactions 1389](#_Toc256001903)

[11.10A.8 Guidelines for energy conversion model information 1389](#_Toc256001904)

[Part J Cost Recovery of Localised Regulation Services (2007 amendments) 1390](#_Toc256001905)

[11.11 Rules consequent on making of the National Electricity Amendment (Cost Recovery of Localised Regulation Services) Rule 2007 1390](#_Toc256001906)

[11.11.1 Definitions 1390](#_Toc256001907)

[11.11.2 Action taken by NEMMCO for the purposes of Amending Rule 1390](#_Toc256001908)

[11.12 [Deleted] 1390](#_Toc256001909)

[Part L  [Deleted] 1390](#_Toc256001910)

[Part M Economic Regulation of Distribution Services (2007 amendments) 1390](#_Toc256001911)

[Division 1 General Provisions 1390](#_Toc256001912)

[11.14 General provisions 1390](#_Toc256001913)

[11.14.1 Application of this Division 1390](#_Toc256001914)

[11.14.2 Definitions 1390](#_Toc256001915)

[11.14.3 Preservation of old regulatory regime 1391](#_Toc256001916)

[11.14.4 Transfer of regulatory responsibility 1392](#_Toc256001917)

[11.14.5 Special requirements with regard to ring fencing 1392](#_Toc256001918)

[11.14.6 Additional requirements with regard to cost allocation 1393](#_Toc256001919)

[11.14.7 Construction of documents 1393](#_Toc256001920)

[Division 2 [Deleted] 1394](#_Toc256001921)

[Division 3 Transitional arrangements for first distribution determination for Queensland Distribution Network Service Providers 1394](#_Toc256001922)

[11.16 Transitional arrangements for first distribution determination for Queensland Distribution Network Service Providers 1394](#_Toc256001923)

[11.16.1 Definitions 1394](#_Toc256001924)

[11.16.2 Application of Part to Queensland 2010 distribution determinations 1394](#_Toc256001925)

[11.16.3 Treatment of the regulatory asset base 1394](#_Toc256001926)

[11.16.4 Efficiency Benefit Sharing Scheme 1395](#_Toc256001927)

[11.16.5 Service Target Performance Incentive Scheme 1395](#_Toc256001928)

[11.16.6 Framework and approach 1395](#_Toc256001929)

[11.16.7 Regulatory Proposal 1395](#_Toc256001930)

[11.16.8 Side constraints 1396](#_Toc256001931)

[11.16.9 Cost pass throughs 1396](#_Toc256001932)

[11.16.10 Capital Contributions Policy 1396](#_Toc256001933)

[Division 4 Transitional provisions of specific application to Victoria 1397](#_Toc256001934)

[11.17 Transitional provisions of specific application to Victoria 1397](#_Toc256001935)

[11.17.1 Definitions 1397](#_Toc256001936)

[11.17.2 Calculation of estimated cost of corporate income tax 1397](#_Toc256001937)

[11.17.3 Decisions made in the absence of a statement of regulatory intent 1397](#_Toc256001938)

[11.17.4 Cost allocation guidelines 1398](#_Toc256001939)

[11.17.5 Modification of requirements related to cost allocation method 1398](#_Toc256001940)

[11.17.6 AMI Order in Council 1399](#_Toc256001941)

[Part N Registration of Foreign Based Persons and Corporations as Trader Class Participants (2007 amendments) 1399](#_Toc256001942)

[11.18 Rules consequential on the making of the National Electricity Amendment (Registration of Foreign Based Persons and Corporations as Trader Class Participants) Rule 2007 1399](#_Toc256001943)

[11.18.1 Definitions 1399](#_Toc256001944)

[11.18.2 Auction rules 1399](#_Toc256001945)

[Part O Process for Region Change (2007 amendments) 1400](#_Toc256001946)

[11.19 Rules consequent on making of the National Electricity Amendment (Process for Region Change) Rule 2007 1400](#_Toc256001947)

[11.19.1 Definitions 1400](#_Toc256001948)

[11.19.2 Regions Publication 1400](#_Toc256001949)

[Part P Integration of NEM Metrology Requirements 1400](#_Toc256001950)

[11.20 Rules consequential on the making of the National Electricity Amendment (Integration of NEM Metrology Requirements) Rule 2008 1400](#_Toc256001951)

[11.20.1 Definitions 1400](#_Toc256001952)

[11.20.2 Metering installations for non-market generating units immediately prior to 30 June 2008 1400](#_Toc256001953)

[11.20.3 First-tier load metering installations 1401](#_Toc256001954)

[11.20.4 First-tier load metering installations in Victoria 1401](#_Toc256001955)

[11.20.5 Minimalist Transitioning Approach in Queensland 1401](#_Toc256001956)

[11.20.6 First-tier jurisdictional requirements publication 1402](#_Toc256001957)

[11.20.7 Metrology procedure 1402](#_Toc256001958)

[Part PA Reliability Settings: Information Safety Net and Directions 1402](#_Toc256001959)

[11.21 Rules consequential on the making of the National Electricity Amendment (NEM Reliability Settings: Information Safety Net and Directions) Rule 2008 1402](#_Toc256001960)

[11.21.1 Definitions 1402](#_Toc256001961)

[11.21.2 EAAP guidelines 1402](#_Toc256001962)

[11.21.3 [Deleted] 1402](#_Toc256001963)

[11.21.4 [Deleted] 1402](#_Toc256001964)

[11.21.5 Timetable 1402](#_Toc256001965)

[11.21.6 Power system security and reliability standards 1403](#_Toc256001966)

[11.21.7 Report on statement of opportunities 1403](#_Toc256001967)

[11.21.8 Methodology for dispatch prices and ancillary services prices 1403](#_Toc256001968)

[Part Q Regulatory Test Thresholds and Information Disclosure on Network Replacements 1403](#_Toc256001969)

[11.22 Rules consequential on the making of the National Electricity Amendment (Regulatory Test Thresholds and Information Disclosure on Network Replacements) Rule 2008 1403](#_Toc256001970)

[11.22.1 Definitions 1403](#_Toc256001971)

[11.22.2 Amending Rule does not affect existing regulatory test 1404](#_Toc256001972)

[Part R Performance Standard Compliance of Generators 1404](#_Toc256001973)

[11.23 Rules consequential on the making of the National Electricity Amendment (Performance Standards Compliance of Generators) Rule 2008 1404](#_Toc256001974)

[11.23.1 Definitions 1404](#_Toc256001975)

[11.23.2 Application of rule 11.23 for compliance programs implemented immediately after the commencement of the Amending Rule 1404](#_Toc256001976)

[11.23.3 Application of rule 11.23 for compliance programs implemented immediately prior to the commencement of the Amending Rule 1404](#_Toc256001977)

[11.23.4 Application of rule 11.23 for compliance programs not implemented immediately prior to the commencement of the Amending Rule 1405](#_Toc256001978)

[Part S [Deleted] 1405](#_Toc256001979)

[Part U Confidentiality Arrangements concerning Information required for Power System Studies 1405](#_Toc256001980)

[11.25 Rule consequential on the making of the National Electricity Amendment (Confidentiality Arrangements in Respect of Information Required for Power System Studies) Rule 2009 1405](#_Toc256001981)

[11.25.1 Definitions 1405](#_Toc256001982)

[11.25.2 Transitional arrangements for the provision of information 1405](#_Toc256001983)

[Part V WACC Reviews: Extension of Time 1407](#_Toc256001984)

[11.26 Rule consequential on the making of the National Electricity Amendment (WACC Reviews: Extension of Time) Rule 2009 1407](#_Toc256001985)

[11.26.1 Definitions 1407](#_Toc256001986)

[11.26.2 Extension of time to submit a regulatory proposal for the regulatory control period 2010-2015 1407](#_Toc256001987)

[Part W National Transmission Statement 1407](#_Toc256001988)

[11.27 Rules consequent on the making of the National Electricity Amendment (National Transmission Statement) Rule 2009 1407](#_Toc256001989)

[11.27.1 Definitions 1407](#_Toc256001990)

[11.27.2 Purpose 1407](#_Toc256001991)

[11.27.3 Application of rule 11.27 1408](#_Toc256001992)

[11.27.4 National Transmission Statement 1408](#_Toc256001993)

[11.27.5 Scope and Content of National Transmission Network Development Plan 1409](#_Toc256001994)

[11.27.6 Energy Adequacy Assessment Projection 1410](#_Toc256001995)

[11.27.7 Amendment to Last Resort Power 1410](#_Toc256001996)

[11.27.8 Actions taken prior to commencement of Rule 1410](#_Toc256001997)

[Part X National Transmission Planning 1410](#_Toc256001998)

[11.28 Rules consequential on the making of the National Electricity (Australian Energy Market Operator) Amendment Rules 2009 1410](#_Toc256001999)

[11.28.1 Definitions 1410](#_Toc256002000)

[11.28.2 Jurisdictional planning bodies and representatives 1410](#_Toc256002001)

[11.28.3 Criteria and guidelines published by Inter-regional Planning Committee 1411](#_Toc256002002)

[11.28.4 Augmentation technical reports 1411](#_Toc256002003)

[11.28.5 Last Resort Planning Power 1411](#_Toc256002004)

[11.28.6 Inter-network power system tests 1411](#_Toc256002005)

[11.28.7 Control and protection settings for equipment 1412](#_Toc256002006)

[11.28.8 Revenue Proposals 1412](#_Toc256002007)

[Part Y Regulatory Investment Test for Transmission 1412](#_Toc256002008)

[11.29 Rules consequent on making of the National Electricity Amendment (Regulatory Investment Test for Transmission) Rule 2009 1412](#_Toc256002009)

[11.29.1 Definitions 1412](#_Toc256002010)

[11.29.2 Period when Amending Rule applies to transmission investment 1413](#_Toc256002011)

[Part Z Congestion Information Resource 1413](#_Toc256002012)

[11.30 Rules consequent on the making of the National Electricity Amendment (Congestion Information Resource) Rule 2009 1413](#_Toc256002013)

[11.30.1 Definitions 1413](#_Toc256002014)

[11.30.2 Interim congestion Information resource 1414](#_Toc256002015)

[Part ZA Reliability and emergency reserve trader (2009 amendments) 1416](#_Toc256002016)

[11.31 Rules consequent on the making of the National Electricity Amendment (Improved RERT Flexibility and Short-notice Reserve Contracts) Rule 2009 1416](#_Toc256002017)

[11.31.1 Definitions 1416](#_Toc256002018)

[11.31.2 Purpose 1416](#_Toc256002019)

[11.31.3 Amendments to Reliability Panel's RERT Guidelines 1416](#_Toc256002020)

[11.31.4 Amendments to AEMO's RERT procedures for exercising the RERT 1417](#_Toc256002021)

[Part ZB Early Application of Market Impact Parameters 1417](#_Toc256002022)

[11.32 Rules consequent on the making of the National Electricity Amendment (Early Implementation of Market Impact Parameters) Rule 2010 1417](#_Toc256002023)

[11.32.1 Definitions 1417](#_Toc256002024)

[11.32.2 Purpose 1418](#_Toc256002025)

[11.32.3 Early application of the market impact component of the service target performance incentive scheme 1418](#_Toc256002026)

[Part ZC Transparency of operating data 1421](#_Toc256002027)

[11.33 Rules consequential on the making of National Electricity Amendment (Transparency of Operating Data) Rule 2010 1421](#_Toc256002028)

[11.33.1 Definitions 1421](#_Toc256002029)

[11.33.2 Spot market operations timetable 1421](#_Toc256002030)

[Part ZD Cost Recovery for Other Services Directions 1423](#_Toc256002031)

[11.34 Rules consequent on making of the National Electricity Amendment (Cost Recovery for Other Services Directions) Rule 2010 1423](#_Toc256002032)

[11.34.1 Definitions 1423](#_Toc256002033)

[11.34.2 Period when Amending Rules applies to funding of compensation 1423](#_Toc256002034)

[Part ZE Payments under Feed-in Schemes and Climate Change Funds 1423](#_Toc256002035)

[11.35 Rules consequential on the making of the National Electricity Amendment (Payments under Feed-in Schemes and Climate Change Funds) Rule 2010 1423](#_Toc256002036)

[11.35.1 Definitions 1423](#_Toc256002037)

[11.35.2 Application of recovery of jurisdictional scheme Rules 1424](#_Toc256002038)

[11.35.3 Reporting on jurisdictional schemes 1425](#_Toc256002039)

[11.35.4 Revocation and substitution of distribution determination for jurisdictional scheme recovery 1426](#_Toc256002040)

[Part ZF Transitional Arrangements for Ministerial Smart Meter Roll Out Determinations 1427](#_Toc256002041)

[11.36 Ministerial Smart Meter Roll Out Determinations 1427](#_Toc256002042)

[11.36.1 Definitions 1427](#_Toc256002043)

[11.36.2 Meaning of relevant metering installation 1427](#_Toc256002044)

[11.36.3 Period of application of rule to relevant metering installation 1427](#_Toc256002045)

[11.36.4 Designation of responsible person 1428](#_Toc256002046)

[11.36.5 [Deleted] 1428](#_Toc256002047)

[11.36.6 [Deleted] 1428](#_Toc256002048)

[Part ZG Provision of Metering Data Services and Clarification of Existing Metrology Requirements 1428](#_Toc256002049)

[11.37 Rules consequential on the making of the National Electricity Amendment (Provision of Metering Data Services and Clarification of Existing Metrology Requirements) Rule 2010 1428](#_Toc256002050)

[11.37.1 Definitions 1428](#_Toc256002051)

[11.37.2 Commencement of special site or technology related conditions 1428](#_Toc256002052)

[11.37.3 Initial service level procedures 1428](#_Toc256002053)

[Part ZH Spot Market Operations Timetable 1429](#_Toc256002054)

[11.38 Rules consequential on the making of National Electricity Amendment (Amendments to PASA-related Rules) Rule 2010 1429](#_Toc256002055)

[11.38.1 Definitions 1429](#_Toc256002056)

[11.38.2 Spot market operations timetable 1429](#_Toc256002057)

[Part ZI DNSP Recovery of Transmission-related Charges 1430](#_Toc256002058)

[11.39 Rules consequential on the making of the National Electricity Amendment (DNSP Recovery of Transmission-related Charges) Rule 2011 1430](#_Toc256002059)

[11.39.1 Definitions 1430](#_Toc256002060)

[11.39.2 Recovery by Victorian distribution network service providers during current regulatory control period 1431](#_Toc256002061)

[11.39.3 Recovery by Victorian distribution network service providers for shared network augmentations 1431](#_Toc256002062)

[11.39.4 Bairnsdale network support agreement 1431](#_Toc256002063)

[11.39.5 Approval of pricing proposal 1431](#_Toc256002064)

[11.39.6 Ergon Energy transitional charges 1432](#_Toc256002065)

[11.39.7 Energex transitional charges 1432](#_Toc256002066)

[Part ZJ Network Support and Control Ancillary Services 1432](#_Toc256002067)

[11.40 Rules consequential on the making of the National Electricity Amendment (Network Support and Control Ancillary Services) Rule 2011 1432](#_Toc256002068)

[11.40.1 Definitions 1432](#_Toc256002069)

[11.40.2 Purpose 1432](#_Toc256002070)

[11.40.3 Existing NCAS contracts to continue 1432](#_Toc256002071)

[11.40.4 Amendments to existing guidelines 1433](#_Toc256002072)

[11.40.5 New procedures 1433](#_Toc256002073)

[11.40.6 Decisions and actions taken prior to Amending Rule 1433](#_Toc256002074)

[Part ZK Application of Dual Marginal Loss Factors 1433](#_Toc256002075)

[11.41 Rules consequential on the making of the National Electricity Amendment (Application of Dual Marginal Loss Factors) Rule 2011 1433](#_Toc256002076)

[11.41.1 Definitions 1433](#_Toc256002077)

[11.41.2 Amendments to loss factor methodology 1434](#_Toc256002078)

[11.41.3 Procedure applying dual intra-regional loss factors in central dispatch and spot market transactions 1434](#_Toc256002079)

[11.41.4 Publication of intra-regional loss factors 1434](#_Toc256002080)

[Part ZL Tasmania Tranche 5a Procedure Changes 1434](#_Toc256002081)

[11.42 Rules consequential on the making of the National Electricity Amendment (Tasmania Tranche 5a Procedure Changes) Rule 2011 1434](#_Toc256002082)

[11.42.1 Definitions 1434](#_Toc256002083)

[11.42.2 AEMO may amend Relevant Procedures 1435](#_Toc256002084)

[Part ZM Application and Operation of Administered Price Periods 1435](#_Toc256002085)

[11.43 Rules consequential on the making of National Electricity Amendment (Application and Operation of Administered Price Periods) Rule 2011 1435](#_Toc256002086)

[11.43.1 Definitions 1435](#_Toc256002087)

[11.43.2 Administered Price Cap Schedule 1435](#_Toc256002088)

[Part ZO Negative Intra-regional Settlements Residue 1436](#_Toc256002089)

[11.45 Rules consequential on the making of National Electricity Amendment (Negative Intra-regional Settlements Residue) Rule 2012 1436](#_Toc256002090)

[11.45.1 Definitions 1436](#_Toc256002091)

[11.45.2 Recovery of negative settlements residue prior to consultation under the Amending Rule 1436](#_Toc256002092)

[11.45.3 First consultation on negative intra-regional settlements residue procedure 1437](#_Toc256002093)

[Part ZP Interim Connection Charging Rules 1437](#_Toc256002094)

[11.46 Rules consequential to the insertion of Chapter 5A by the National Electricity (National Energy Retail Law) Amendment Rule 2012 1437](#_Toc256002095)

[Division 1 Preliminary 1437](#_Toc256002096)

[11.46.1 Definitions 1437](#_Toc256002097)

[11.46.2 Extended meaning of some terms 1439](#_Toc256002098)

[11.46.3 Transitional operation of relevant provisions 1439](#_Toc256002099)

[Division 2 Jurisdictional differences 1440](#_Toc256002100)

[11.46.4 Exclusions, qualifications and modifications for ACT 1440](#_Toc256002101)

[11.46.5 Exclusions, qualifications and modifications for NSW 1441](#_Toc256002102)

[11.46.6 Exclusions, qualifications and modifications for Queensland 1442](#_Toc256002103)

[11.46.7 Exclusions, qualifications and modifications for SA 1443](#_Toc256002104)

[11.46.8 Exclusions, qualifications and modifications for Tasmania 1444](#_Toc256002105)

[11.46.9 Exclusions, qualifications and modifications for Victoria 1445](#_Toc256002106)

[Division 3 General provisions 1446](#_Toc256002107)

[11.46.10 Connection charges 1446](#_Toc256002108)

[11.46.11 References 1447](#_Toc256002109)

[Part ZQ NSW transitional retail support and credit support rules 1447](#_Toc256002110)

[11.47 Rules consequential on the insertion of Chapter 6B by the National Electricity (National Energy Retail Law) Amendment Rule 2012 1447](#_Toc256002111)

[Division 1 Preliminary 1447](#_Toc256002112)

[11.47.1 Definitions 1447](#_Toc256002113)

[11.47.2 Application 1449](#_Toc256002114)

[11.47.3 Obligation to pay 1449](#_Toc256002115)

[11.47.4 Charging and billing 1449](#_Toc256002116)

[11.47.5 Interest on unpaid amounts 1450](#_Toc256002117)

[11.47.6 Circumstances where NSW DNSP may request credit support 1450](#_Toc256002118)

[11.47.7 Credit support 1450](#_Toc256002119)

[11.47.8 Credit support providers 1451](#_Toc256002120)

[11.47.9 NSW DNSP to determine required credit support amount 1451](#_Toc256002121)

[11.47.10 NSW Retailer to ensure credit support available 1451](#_Toc256002122)

[11.47.11 Drawing on credit support 1452](#_Toc256002123)

[11.47.12 Specific transitional arrangements 1452](#_Toc256002124)

[Part ZR Miscellaneous transitional rules—NERL 1452](#_Toc256002125)

[11.48 Rules consequential on the making of the National Electricity (National Energy Retail Law) Amendment Rule 2012 1452](#_Toc256002126)

[11.48.1 Extension of time period for AER to consider certain pass through applications 1452](#_Toc256002127)

[Part ZS Cost pass through arrangements for Network Service Providers 1453](#_Toc256002128)

[11.49 Rules consequential on the making of National Electricity Amendment (Cost pass through arrangements for Network Service Providers) Rule 2012 1453](#_Toc256002129)

[11.49.1 Definitions 1453](#_Toc256002130)

[11.49.2 Terrorism event is a cost pass through event in the current regulatory control period 1453](#_Toc256002131)

[11.49.3 Transitional arrangement for Powerlink 1453](#_Toc256002132)

[11.49.4 Transitional arrangements for ElectraNet and Murraylink 1454](#_Toc256002133)

[Part ZT Distribution Network Planning and Expansion 1454](#_Toc256002134)

[11.50 Rules consequential on the making of the National Electricity Amendment (Distribution Network Planning and Expansion) Rule 2012 1454](#_Toc256002135)

[11.50.1 Interpretation 1454](#_Toc256002136)

[11.50.2 Definitions 1454](#_Toc256002137)

[11.50.3 Timing for first Distribution Annual Planning Report 1455](#_Toc256002138)

[11.50.4 Contents of Distribution Annual Planning Report 1455](#_Toc256002139)

[11.50.5 Transition from the regulatory test to the regulatory investment test for distribution 1456](#_Toc256002140)

[Part ZU New Prudential Standard and Framework in the NEM 1457](#_Toc256002141)

[11.51 Rules consequential on the making of the National Electricity Amendment (New Prudential Standard and Framework in the NEM) Rule 2012 1457](#_Toc256002142)

[11.51.1 Definitions 1457](#_Toc256002143)

[11.51.2 AEMO's responsibility to develop and publish the credit limit procedures 1457](#_Toc256002144)

[11.51.3 Transition to the framework for determining prudential settings 1458](#_Toc256002145)

[11.51.4 Prior consultation, step, decision or action taken by AEMO 1458](#_Toc256002146)

[Part ZV Small Generation Aggregator Framework 1458](#_Toc256002147)

[11.52 Rules consequential on the making of the National Electricity Amendment (Small Generation Aggregator Framework) Rule 2012 1458](#_Toc256002148)

[11.52.1 Definitions 1458](#_Toc256002149)

[11.52.2 Commencement of participant fees as well as transactions, funding and settlements under Chapter 3 for Market Small Generation Aggregators 1459](#_Toc256002150)

[11.52.3 Participant fees for Market Small Generation Aggregators 1459](#_Toc256002151)

[11.52.4 Ancillary service transactions, funding of compensation for directions and intervention settlements for directions for Market Small Generation Aggregators 1459](#_Toc256002152)

[11.52.5 Amendments to the carbon dioxide equivalent intensity index procedures 1460](#_Toc256002153)

[11.52.6 Amendments of the metrology procedures 1461](#_Toc256002154)

[11.52.7 Amendments to the Market Settlement and Transfer Solution Procedures 1461](#_Toc256002155)

[Part ZW Economic Regulation of Network Service Providers (2012 amendments) 1461](#_Toc256002156)

[Division 1 Miscellaneous transitional provisions 1461](#_Toc256002157)

[11.53 Publication of Chapter 6 Guidelines 1461](#_Toc256002158)

[11.53.1 Shared Asset Guidelines 1461](#_Toc256002159)

[11.53.2 Capital Expenditure Incentive Guidelines 1462](#_Toc256002160)

[11.53.3 Rate of Return Guidelines 1462](#_Toc256002161)

[11.53.4 Expenditure Forecast Assessment Guidelines 1462](#_Toc256002162)

[11.53.5 Distribution Confidentiality Guidelines 1462](#_Toc256002163)

[11.53.6 Consultation procedure paper 1463](#_Toc256002164)

[11.54 Publication of Chapter 6A Guidelines 1463](#_Toc256002165)

[11.54.1 Shared Asset Guidelines 1463](#_Toc256002166)

[11.54.2 Capital Expenditure Incentive Guidelines 1463](#_Toc256002167)

[11.54.3 Rate of Return Guidelines 1463](#_Toc256002168)

[11.54.4 Expenditure Forecast Assessment Guidelines 1464](#_Toc256002169)

[11.54.5 Transmission Confidentiality Guidelines 1464](#_Toc256002170)

[11.54.6 Consultation paper procedure 1464](#_Toc256002171)

[Division 2 Transitional provisions for NSW/ACT Distribution Network Service Providers 1464](#_Toc256002172)

[11.55 General provisions 1464](#_Toc256002173)

[11.55.1 Definitions 1464](#_Toc256002174)

[11.55.2 Transitional Chapter 6 1465](#_Toc256002175)

[11.55.3 Application of rule 11.56 1467](#_Toc256002176)

[11.56 Special provisions applying to affected DNSPs 1467](#_Toc256002177)

[11.56.1 Requirement to make distribution determination 1467](#_Toc256002178)

[11.56.2 Transitional regulatory proposal 1467](#_Toc256002179)

[11.56.3 Distribution determination for a transitional regulatory control period 1468](#_Toc256002180)

[11.56.4 Subsequent regulatory control period 1473](#_Toc256002181)

[11.56.5 Review of past capital expenditure 1478](#_Toc256002182)

[Division 3 Transitional provisions for NSW and Tasmanian Transmission Network Service Providers and Directlink 1478](#_Toc256002183)

[11.57 General provisions 1478](#_Toc256002184)

[11.57.1 Definitions 1478](#_Toc256002185)

[11.57.2 Transitional Chapter 6A 1479](#_Toc256002186)

[11.57.3 Application of rule 11.58 1480](#_Toc256002187)

[11.58 Special provisions applying to affected TNSPs 1481](#_Toc256002188)

[11.58.1 Requirement to make transmission determination 1481](#_Toc256002189)

[11.58.2 Requirement to submit a transitional Revenue Proposal 1481](#_Toc256002190)

[11.58.3 Transmission determination for a transitional regulatory control period 1482](#_Toc256002191)

[11.58.4 Subsequent regulatory control period 1484](#_Toc256002192)

[11.58.5 Review of past capital expenditure 1489](#_Toc256002193)

[Division 4 Transitional provisions for the Victorian TNSP 1489](#_Toc256002194)

[11.59 Special provisions applying to the Victorian TNSP 1489](#_Toc256002195)

[11.59.1 Definitions 1489](#_Toc256002196)

[11.59.2 Application of rule 11.59 1490](#_Toc256002197)

[11.59.3 Former Chapter 6A/10 applies 1490](#_Toc256002198)

[11.59.4 Review of past capital expenditure 1490](#_Toc256002199)

[Division 5 Transitional provisions for Qld/SA and Victorian Distribution Network Service Providers 1491](#_Toc256002200)

[11.60 Special provisions applying to the Qld/SA and Victorian Distribution Network Service Providers 1491](#_Toc256002201)

[11.60.1 Definitions 1491](#_Toc256002202)

[11.60.2 Application of rule 11.60 1492](#_Toc256002203)

[11.60.3 Distribution determination for next regulatory control period 1492](#_Toc256002204)

[11.60.4 Re-opening of distribution determination for next regulatory control period 1494](#_Toc256002205)

[11.60.5 Review of past capital expenditure 1496](#_Toc256002206)

[Division 6 Review of past capital expenditure 1496](#_Toc256002207)

[11.61 Definitions and application 1496](#_Toc256002208)

[11.62 Review of past capital expenditure under Chapter 6 1497](#_Toc256002209)

[11.63 Review of past capital expenditure under Chapter 6A 1497](#_Toc256002210)

[Part ZX Inter-regional Transmission Charging 1498](#_Toc256002211)

[11.64 Rules consequent on the making of the National Electricity Amendment (Inter-regional Transmission Charging) Rule 2013 1498](#_Toc256002212)

[11.64.1 Definitions 1498](#_Toc256002213)

[11.64.2 Amendments to the pricing methodology guidelines 1498](#_Toc256002214)

[11.64.3 Amendments to the pricing methodologies of Transmission Network Service Providers 1498](#_Toc256002215)

[11.64.4 Commencement of clause 6A.23.3(f) for further adjustments 1499](#_Toc256002216)

[Part ZY Network Service Provider Expenditure Objectives 1499](#_Toc256002217)

[11.65 Rules consequent on the making of the National Electricity Amendment (Network Service Provider Expenditure Objectives) Rule 2013 1499](#_Toc256002218)

[11.65.1 Definitions 1499](#_Toc256002219)

[11.65.2 Application of rule 11.65 1499](#_Toc256002220)

[Part ZZ Access to NMI Standing Data 1500](#_Toc256002221)

[11.66 Rules consequent on the making of the National Electricity Amendment (Access to NMI Standing Data) Rule 2013 1500](#_Toc256002222)

[11.66.1 Definitions 1500](#_Toc256002223)

[11.66.2 Minor amendment of the Market Settlement and Transfer Solution Procedures 1500](#_Toc256002224)

[Part ZZA Publication of Zone Substation Data 1501](#_Toc256002225)

[11.67 Rules consequent on the making of the National Electricity Amendment (Publication of Zone Substation Data) Rule 2014 1501](#_Toc256002226)

[11.67.1 Definitions 1501](#_Toc256002227)

[11.67.2 Distribution Network Service Providers' obligations to commence on the next DAPR date 1501](#_Toc256002228)

[Part ZZB Connecting Embedded Generators 1501](#_Toc256002229)

[11.68 Rules consequential on the making of the National Electricity Amendment (Connecting embedded generators) Rule 2014 1501](#_Toc256002230)

[11.68.1 Definitions 1501](#_Toc256002231)

[11.68.2 Continuation of enquiries lodged 1501](#_Toc256002232)

[Part ZZC Customer access to information about their energy consumption 1502](#_Toc256002233)

[11.69 Rules consequential on the making of the National Electricity Amendment (Customer access to information about their energy consumption) Rule 2014 1502](#_Toc256002234)

[11.69.1 Definitions 1502](#_Toc256002235)

[11.69.2 AEMO to develop and publish the metering data provision procedure 1502](#_Toc256002236)

[Part ZZD National Electricity Amendment (Distribution Network Pricing Arrangements) Rule 2014 1502](#_Toc256002237)

[Division 1 Miscellaneous transitional provisions 1502](#_Toc256002238)

[11.70 General provisions 1502](#_Toc256002239)

[11.70.1 Definitions 1502](#_Toc256002240)

[11.70.2 Application of Part ZZB 1503](#_Toc256002241)

[11.71 Special provisions applying to SA TNSP 1503](#_Toc256002242)

[Division 2 Transitional provisions for NSW/ACT and Qld/SA Distribution Network Service Providers 1504](#_Toc256002243)

[11.72 General provisions 1504](#_Toc256002244)

[11.72.1 Definitions 1504](#_Toc256002245)

[11.73 Special provisions applying to affected DNSPs 1504](#_Toc256002246)

[11.73.1 Distribution determination and pricing proposals 1504](#_Toc256002247)

[11.73.2 Tariff structure statement 1505](#_Toc256002248)

[11.73.3 Dispute resolution 1511](#_Toc256002249)

[Division 3 Transitional provisions for Tasmanian Distribution Network Service Provider 1511](#_Toc256002250)

[11.74 Application of former Chapter 6 1511](#_Toc256002251)

[Division 4 Transitional provisions for Victorian Distribution Network Service Providers 1511](#_Toc256002252)

[11.75 General provisions 1511](#_Toc256002253)

[11.75.1 Definitions 1511](#_Toc256002254)

[11.76 Special provisions applying to affected DNSPs 1511](#_Toc256002255)

[11.76.1 Distribution determination and pricing proposals 1511](#_Toc256002256)

[11.76.2 Tariff structure statement 1512](#_Toc256002257)

[11.76.3 Dispute resolution 1518](#_Toc256002258)

[Part ZZE Early Application of Network Capability Component (STPIS) 1518](#_Toc256002259)

[11.77 Rules consequent on the making of the National Electricity Amendment (Early Application of Service Target Performance Incentive Scheme (STPIS) Components for Transmission Businesses) Rule 2015 1518](#_Toc256002260)

[11.77.1 Definitions 1518](#_Toc256002261)

[11.77.2 Purpose 1518](#_Toc256002262)

[11.77.3 Earlier application of the network capability component of the service target performance incentive scheme 1519](#_Toc256002263)

[Part ZZF National Electricity Amendment (Governance arrangements and implementation of the reliability standard and settings) Rule 2015 1521](#_Toc256002264)

[11.78 Rules consequent on the making of the National Electricity Amendment (Governance arrangements and implementation of the reliability standards and settings) Rule 2015 1521](#_Toc256002265)

[11.78.1 Definitions 1521](#_Toc256002266)

[11.78.2 Existing power system security and reliability standards 1521](#_Toc256002267)

[11.78.3 Reliability standard and settings guidelines 1522](#_Toc256002268)

[11.78.4 Reliability standard implementation guidelines 1522](#_Toc256002269)

[Part ZZG Improving demand side participation information provided to AEMO by registered participants 1524](#_Toc256002270)

[11.79 Rules consequential on making of the National Electricity Amendment (Improving demand side participation information provided to AEMO by registered participants) Rule 2015 1524](#_Toc256002271)

[11.79.1 AEMO to develop and publish the demand side participation information guidelines 1524](#_Toc256002272)

[Part ZZH Transitional Arrangements for Aligning TasNetworks' regulatory control periods 1525](#_Toc256002273)

[11.80 National Electricity Amendment (Aligning TasNetworks' regulatory control periods) Rule 2015 1525](#_Toc256002274)

[11.80.1 Definitions 1525](#_Toc256002275)

[11.80.2 Application of rule 11.80 1525](#_Toc256002276)

[11.80.3 Next regulatory control period 1525](#_Toc256002277)

[11.80.4 Subsequent regulatory control period 1525](#_Toc256002278)

[Part ZZI System Restart Ancillary Services 1526](#_Toc256002279)

[11.81 Rules consequential on the making of the National Electricity Amendment (System Restart Ancillary Services) Rule 2015 1526](#_Toc256002280)

[11.81.1 Definitions 1526](#_Toc256002281)

[11.81.2 System restart standard 1526](#_Toc256002282)

[11.81.3 SRAS Guideline 1526](#_Toc256002283)

[11.81.4 Regional Benefit Ancillary Services Procedures 1526](#_Toc256002284)

[11.81.5 Consultation prior to the Commencement Date 1526](#_Toc256002285)

[11.81.6 Existing SRAS Contract 1526](#_Toc256002286)

[Part ZZJ Demand management incentive scheme 1527](#_Toc256002287)

[11.82 Rules consequential on making of the National Electricity Amendment (Demand management incentive scheme) Rule 2015 1527](#_Toc256002288)

[11.82.1 Definitions 1527](#_Toc256002289)

[11.82.2 AER to develop and publish the demand management incentive scheme and demand management innovation allowance mechanism 1527](#_Toc256002290)

[Part ZZK AEMO access to demand forecasting information 1527](#_Toc256002291)

[11.83 Rules consequential on the making of the National Electricity Amendment (AEMO access to demand forecasting information) Rule 2015 1527](#_Toc256002292)

[11.83.1 AEMO to include supporting information in NTNDP database 1527](#_Toc256002293)

[Part ZZL Compensation arrangements following application of an Administered Price Cap or Administered Floor Price 1528](#_Toc256002294)

[11.84 Rules consequential on the making of the National Electricity Amendment (Compensation Arrangements following application of an Administered Price Cap and Administered Floor Price) Rule 2016 1528](#_Toc256002295)

[11.84.1 Definitions 1528](#_Toc256002296)

[11.84.2 Compensation Guidelines 1528](#_Toc256002297)

[Part ZZM Common definitions of distribution reliability measures 1528](#_Toc256002298)

[11.85 Rules consequential on the making of the National Electricity Amendment (Common definitions of distribution reliability measures) Rule 2015 1528](#_Toc256002299)

[11.85.1 Definitions 1528](#_Toc256002300)

[11.85.2 Distribution reliability measures guidelines 1528](#_Toc256002301)

[11.85.3 Amended STPIS 1528](#_Toc256002302)

[Part ZZN Expanding competition in metering and metering related services 1529](#_Toc256002303)

[11.86 Rules consequent on making of the National Electricity Amendment (Expanding competition in metering and related services) Rule 2015 1529](#_Toc256002304)

[11.86.1 Definitions 1529](#_Toc256002305)

[11.86.2 References to old Chapter 7 1529](#_Toc256002306)

[11.86.3 References to provisions of the old Chapter 7 1529](#_Toc256002307)

[11.86.4 References to responsible person 1529](#_Toc256002308)

[11.86.5 Continued operation of old Rules until the effective date 1529](#_Toc256002309)

[11.86.6 New and amended procedures 1530](#_Toc256002310)

[11.86.7 Metering Coordinator for type 5 or 6 metering installation from effective date 1531](#_Toc256002311)

[11.86.8 Distribution Ring Fencing Guidelines 1533](#_Toc256002312)

[11.86.9 [Deleted] 1533](#_Toc256002313)

[Part ZZO Embedded Networks 1533](#_Toc256002314)

[11.87 Rules consequential on the making of the National Electricity Amendment (Embedded Networks) Rule 2015 1533](#_Toc256002315)

[11.87.1 Definitions 1533](#_Toc256002316)

[11.87.2 Amended Procedures and NMI Standing Data Schedule 1534](#_Toc256002317)

[11.87.3 ENM service level procedures and guide to embedded networks and list of Embedded Network Managers 1534](#_Toc256002318)

[11.87.4 Exemptions under section 13 of the National Electricity Law 1534](#_Toc256002319)

[Part ZZP Meter Replacement Processes 1535](#_Toc256002320)

[11.88 Rules consequential on the making of the National Electricity Amendment (Meter Replacement Processes) Rule 2016 1535](#_Toc256002321)

[11.88.1 Definitions 1535](#_Toc256002322)

[11.88.2 Amended Procedures 1535](#_Toc256002323)

[Part ZZQ Energy Adequacy Assessment Projection 1535](#_Toc256002324)

[11.89 Rules consequential to the National Electricity Amendment (Energy Adequacy Assessment Projection timeframes) Rule 2016 1535](#_Toc256002325)

[11.89.1 Amended guideline and timetable 1535](#_Toc256002326)

[Part ZZR Reliability and emergency reserve trader (2016 amendments) 1536](#_Toc256002327)

[11.90 Rules consequent on the making of the National Electricity Amendment (Extension of the Reliability and Emergency Reserve Trader) Rule 2016 1536](#_Toc256002328)

[11.90.1 Definitions 1536](#_Toc256002329)

[11.90.2 Amendments to Reliability Panel's RERT Guidelines 1536](#_Toc256002330)

[11.90.3 Amendments to AEMO's RERT procedures 1536](#_Toc256002331)

[11.90.4 Reserve contracts entered into before Schedule 2 commencement date 1536](#_Toc256002332)

[Part ZZS Updating the electricity B2B framework 1536](#_Toc256002333)

[11.91 Rules consequential on the making of the National Electricity Amendment (Updating the electricity B2B framework) rule 2016 1536](#_Toc256002334)

[11.91.1 Definitions 1536](#_Toc256002335)

[11.91.2 B2B Procedures 1537](#_Toc256002336)

[11.91.3 Information Exchange Committee Election Procedures and Information Exchange Committee Operating Manual 1537](#_Toc256002337)

[11.91.4 The New IEC 1538](#_Toc256002338)

[11.91.5 Amended Procedures 1539](#_Toc256002339)

[11.91.6 B2B e-Hub Participant accreditation process 1540](#_Toc256002340)

[11.91.7 New IEC Budget and 2016 Annual Report 1540](#_Toc256002341)

[11.91.8 Cost recovery 1540](#_Toc256002342)

[Part ZZT Application of Offsets in the Prudential Margin Calculation 1541](#_Toc256002343)

[11.92 Rules consequential on the making of the National Electricity Amendment (Application of Offsets in the Prudential Margin Calculation) Rule 2016 1541](#_Toc256002344)

[11.92.1 Definitions 1541](#_Toc256002345)

[11.92.2 Amended procedures 1541](#_Toc256002346)

[Part ZZU Rate of Return Guidelines Review 1541](#_Toc256002347)

[11.93 Rules consequential on the making of the National Electricity Amendment (Rate of Return Guidelines Review) Rule 2016 1541](#_Toc256002348)

[11.93.1 Definitions 1541](#_Toc256002349)

[11.93.2 Application of current rate of return guidelines to making of a distribution determination for the subsequent regulatory control period 1543](#_Toc256002350)

[Part ZZV Demand Response Mechanism and Ancillary Services Unbundling 1543](#_Toc256002351)

[11.94 Rules consequential on the making of the National Electricity Amendment (Demand Response Management and Ancillary Services Unbundling) rule 2016 1543](#_Toc256002352)

[11.94.1 Definitions 1543](#_Toc256002353)

[11.94.2 Participant fees for Market Ancillary Service Providers 1543](#_Toc256002354)

[Part ZZW Local Generation Network Credits 1543](#_Toc256002355)

[11.95 Rules consequential on the making of the National Electricity Amendment (Local Generation Network Credits) Rule 2016 1543](#_Toc256002356)

[11.95.1 Definitions 1543](#_Toc256002357)

[11.95.2 System limitation template 1544](#_Toc256002358)

[Part ZZX Retailer-Distributor Credit Support Requirements 1544](#_Toc256002359)

[11.96 Rules consequent on the making of the National Electricity Amendment (Retailer Distributor Credit Support Requirements) Rule 2017 No. 1 1544](#_Toc256002360)

[11.96.1 Definitions 1544](#_Toc256002361)

[11.96.2 Continued operation of old Chapter 6B 1544](#_Toc256002362)

[11.96.3 Interaction with Chapter 6 1544](#_Toc256002363)

[11.96.4 Application of new Chapter 6B 1544](#_Toc256002364)

[Part ZZY Emergency Frequency Control Schemes 1545](#_Toc256002365)

[11.97 Rules consequent on the making of the National Electricity Amendment (Emergency frequency control schemes) Rule 2017 1545](#_Toc256002366)

[11.97.1 Definitions 1545](#_Toc256002367)

[11.97.2 Interim frequency operating standards for protected events 1545](#_Toc256002368)

[11.97.3 First power system frequency risk review 1546](#_Toc256002369)

[11.97.4 AEMO must review existing load shedding procedures 1546](#_Toc256002370)

[11.97.5 Load shedding procedures 1546](#_Toc256002371)

[Part ZZZ Transmission Connection and Planning Arrangements 1547](#_Toc256002372)

[11.98 Rules consequential on the making of the National Electricity Amendment (Transmission Connection and Planning Arrangements) Rule 2017 1547](#_Toc256002373)

[11.98.1 Definitions 1547](#_Toc256002374)

[11.98.2 Grandfathering of existing dedicated connection assets 1548](#_Toc256002375)

[11.98.3 Preparatory steps for registration changes under the Amending Rule 1548](#_Toc256002376)

[11.98.4 Participant fees for Dedicated Connection Asset Service Providers 1549](#_Toc256002377)

[11.98.5 Existing Connection Agreements 1549](#_Toc256002378)

[11.98.6 Connection process 1549](#_Toc256002379)

[11.98.7 Transmission Annual Planning Report 1550](#_Toc256002380)

[11.98.8 Preservation for adoptive jurisdictions 1550](#_Toc256002381)

[Part ZZZA Replacement expenditure planning arrangements 1550](#_Toc256002382)

[11.99 Rules consequential on the making of the National Electricity Amendment (Replacement expenditure planning arrangements) Rule 2017 1550](#_Toc256002383)

[11.99.1 Definitions 1550](#_Toc256002384)

[11.99.2 Interpretation 1551](#_Toc256002385)

[11.99.3 Transitional arrangements for affected DNSPs 1552](#_Toc256002386)

[11.99.4 Amendments to RIT documentation 1552](#_Toc256002387)

[11.99.5 Transitional arrangements relating to excluded projects 1552](#_Toc256002388)

[11.99.6 Transitional arrangements relating to Victorian bushfire mitigation projects 1552](#_Toc256002389)

[11.99.7 Transitional arrangements relating to review of costs thresholds 1553](#_Toc256002390)

[Part ZZZB Managing the rate of change of power system frequency 1553](#_Toc256002391)

[11.100 Rules consequential on the making of the National Electricity Amendment (Managing the rate of change of power system frequency) Rule 2017 1553](#_Toc256002392)

[11.100.1 Definitions 1553](#_Toc256002393)

[11.100.2 Inertia sub-networks 1554](#_Toc256002394)

[11.100.3 Inertia requirements methodology 1554](#_Toc256002395)

[11.100.4 Inertia requirements 1554](#_Toc256002396)

[11.100.5 NSCAS not to be used to meet an inertia shortfall after 1 July 2019 1555](#_Toc256002397)

[11.100.6 Inertia network services may be used to meet an NSCAS gap declared in the NSCAS transition period 1555](#_Toc256002398)

[11.100.7 Inertia network services made available before the commencement date 1556](#_Toc256002399)

[Part ZZZC Managing power system fault levels 1556](#_Toc256002400)

[11.101 Rules consequential on the making of the National Electricity Amendment (Managing power system fault levels) Rule 2017 1556](#_Toc256002401)

[11.101.1 Definitions 1556](#_Toc256002402)

[11.101.2 System strength impact assessment guidelines 1558](#_Toc256002403)

[11.101.3 System strength requirements methodology 1558](#_Toc256002404)

[11.101.4 System strength requirements 1558](#_Toc256002405)

[11.101.5 NSCAS not to be used to meet a fault level shortfall after 1 July 2019 1559](#_Toc256002406)

[11.101.6 System strength services may be used to meet an NSCAS gap declared in the NSCAS transition period 1559](#_Toc256002407)

[11.101.7 Withdrawal of a system strength-related NSCAS gap already declared 1560](#_Toc256002408)

[11.101.8 System strength services made available before the commencement date 1560](#_Toc256002409)

[Part ZZZD Generating System Model Guidelines 1560](#_Toc256002410)

[11.102 Making of Power System Model Guidelines 1560](#_Toc256002411)

[Part ZZZE Five Minute Settlement 1560](#_Toc256002412)

[11.103 Rules consequential on the making of the National Electricity Amendment (Five Minute Settlement) Rule 2017 and the National Electricity Amendment (Delayed implementation of five minute and global settlement) Rule 2020 1560](#_Toc256002413)

[11.103.1 Definitions 1560](#_Toc256002414)

[11.103.2 Amendments to procedures 1561](#_Toc256002415)

[11.103.3. Exemption for certain metering installations 1562](#_Toc256002416)

[11.103.4 New or replacement meters 1562](#_Toc256002417)

[11.103.5 Metering installations exempt from metering data provision requirements 1563](#_Toc256002418)

[11.103.6 Exemption from meter data storage requirements 1563](#_Toc256002419)

[11.103.7 Default offers and bids submitted prior to the commencement date 1563](#_Toc256002420)

[Part ZZZF Contestability of energy services 1563](#_Toc256002421)

[11.104 Rules consequential on the making of the National Electricity Amendment (Contestability of energy services) Rule 2017 1563](#_Toc256002422)

[11.104.1 Definitions 1563](#_Toc256002423)

[11.104.2 New guidelines 1565](#_Toc256002424)

[11.104.3 Transitional arrangements for application of Distribution Service Classification Guidelines and service classification provisions 1565](#_Toc256002425)

[11.104.4 Transitional arrangements for application of Asset Exemption Guidelines, exemption applications and asset exemption decisions 1565](#_Toc256002426)

[11.104.5 Transitional arrangements for adjustment in value of regulatory asset base 1567](#_Toc256002427)

[Part ZZZG Declaration of lack of reserve conditions 1567](#_Toc256002428)

[11.105 Making of lack of reserve declaration guidelines 1567](#_Toc256002429)

[11.105.1 Definitions 1567](#_Toc256002430)

[11.105.2 Making of lack of reserve declaration guidelines 1567](#_Toc256002431)

[Part ZZZH Implementation of demand management incentive scheme 1567](#_Toc256002432)

[11.106 Implementation of demand management incentive scheme 1567](#_Toc256002433)

[11.106.1 Definitions 1567](#_Toc256002434)

[11.106.2 Purpose 1568](#_Toc256002435)

[11.106.3 Early application of revised demand management incentive scheme 1568](#_Toc256002436)

[Part ZZZI Reinstatement of long notice Reliability and Emergency Reserve Trader 1570](#_Toc256002437)

[11.107 Rules consequential on the making of the National Electricity Amendment (Reinstatement of long notice Reliability and Emergency Reserve Trader) Rule 2018 1570](#_Toc256002438)

[11.107.1 Definitions 1570](#_Toc256002439)

[11.107.2 New RERT guidelines 1570](#_Toc256002440)

[11.107.3 Amendments to RERT procedures 1573](#_Toc256002441)

[11.107.4 Reserve contracts entered into before the commencement date 1573](#_Toc256002442)

[Part ZZZJ Register of distributed energy resources 1574](#_Toc256002443)

[11.108 Rules consequential on the making of the National Electricity Amendment (Register of distributed energy resources) Rule 2018 1574](#_Toc256002444)

[11.108.1 Definitions 1574](#_Toc256002445)

[11.108.2 AEMO to develop and publish DER register information guidelines 1574](#_Toc256002446)

[11.108.3 NSPs to provide AEMO with existing DER generation information 1574](#_Toc256002447)

[Part ZZZK Generator technical performance standards 1574](#_Toc256002448)

[11.109 Rules consequential on the making of the National Electricity Amendment (Generator technical performance standards) Rule 2018 1574](#_Toc256002449)

[11.109.1 Definitions 1574](#_Toc256002450)

[11.109.2 Application of the Amending Rule to existing connection enquiries 1575](#_Toc256002451)

[11.109.3 Application of the Amending Rule to existing applications to connect 1576](#_Toc256002452)

[11.109.4 Application of the Amending Rule to existing offers to connect 1578](#_Toc256002453)

[11.109.5 Application of the Amending Rule to Existing Connection Agreements 1578](#_Toc256002454)

[Part ZZZL Generator three year notice of closure 1579](#_Toc256002455)

[11.110 Rules consequential on the making of the National Electricity Amendment (Generator three year notice of closure) Rule 2018 1579](#_Toc256002456)

[11.110.1 Definitions 1579](#_Toc256002457)

[11.110.2 AER to develop and publish notice of closure exemption guideline 1579](#_Toc256002458)

[11.110.3 Application of Amending Rule to AEMO 1579](#_Toc256002459)

[11.110.4 Application of Amending Rule to Generators 1580](#_Toc256002460)

[Part ZZZM Participant compensation following market suspension 1580](#_Toc256002461)

[11.111 Rules consequential on the making of the National Electricity Amendment (Participant compensation following market suspension) Rule 2018 1580](#_Toc256002462)

[11.111.1 Definitions 1580](#_Toc256002463)

[11.111.2 Market suspension compensation methodology and schedule of benchmark values 1580](#_Toc256002464)

[Part ZZZN Global settlement and market reconciliation 1580](#_Toc256002465)

[11.112 Rules consequential on the making of the National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 and the National Electricity Amendment (Delayed implementation of five minute and global settlement) Rule 2020 1580](#_Toc256002466)

[11.112.1 Definitions 1580](#_Toc256002467)

[11.112.2 Amendments to AEMO procedures 1581](#_Toc256002468)

[11.112.3 AEMO to publish report on unaccounted for energy trends 1581](#_Toc256002469)

[11.112.4 Continuation of registration for non-market generators 1581](#_Toc256002470)

[11.112.5 Publication of UFE data by AEMO 1582](#_Toc256002471)

[11.112.6 Publication of UFE reporting guidelines 1582](#_Toc256002472)

[Part ZZZO Metering installation timeframes 1582](#_Toc256002473)

[11.113 Rules consequential on making of the National Electricity Amendment (Metering installation timeframes) Rule 2018 1582](#_Toc256002474)

[11.113.1 Definitions 1582](#_Toc256002475)

[11.113.2 Timeframes for meters to be installed 1582](#_Toc256002476)

[Part ZZZP Early implementation of ISP priority projects 1583](#_Toc256002477)

[11.114 National Electricity Amendment (Early implementation of ISP priority projects) Rule 2019 1583](#_Toc256002478)

[11.114.1 Definitions 1583](#_Toc256002479)

[11.114.2 Modifications to clause 5.16.6 for ISP VNI and QNI projects 1584](#_Toc256002480)

[11.114.3 Modifications to clause 6A.8.2 for ISP projects 1585](#_Toc256002481)

[Part ZZZQ Enhancement to the Reliability and Emergency Reserve Trader 1587](#_Toc256002482)

[11.115 Rules consequential on the making of the National Electricity Amendment (Enhancement to the reliability and emergency reserve trader) Rule 2019 1587](#_Toc256002483)

[11.115.1 Definitions 1587](#_Toc256002484)

[11.115.2 New RERT guidelines 1588](#_Toc256002485)

[11.115.3 Amendments to RERT procedures 1588](#_Toc256002486)

[11.115.4 Reserve contracts entered into before the commencement date 1588](#_Toc256002487)

[11.115.5 Clause 3.20.6 (Reporting on RERT by AEMO) 1588](#_Toc256002488)

[Part ZZZR Retailer Reliability Obligation 1588](#_Toc256002489)

[11.116 Rules consequential on the making of the National Electricity Amendment (Retailer Reliability Obligation) Rule 2019 1588](#_Toc256002490)

[11.116.1 Application 1588](#_Toc256002491)

[11.116.2 Reliability Instrument Guidelines 1589](#_Toc256002492)

[11.116.3 Forecasting Best Practice Guidelines 1589](#_Toc256002493)

[11.116.4 Reliability Forecast Guidelines 1589](#_Toc256002494)

[11.116.5 AER Opt-in Guidelines 1590](#_Toc256002495)

[11.116.6 Contracts and Firmness Guidelines 1590](#_Toc256002496)

[11.116.7 Qualifying contracts under interim Contracts and Firmness Guidelines 1590](#_Toc256002497)

[11.116.8 Grandfathering arrangements 1591](#_Toc256002498)

[11.116.9 Reliability Compliance Procedures and Guidelines 1592](#_Toc256002499)

[11.116.10 MLO Guidelines 1592](#_Toc256002500)

[11.116.11 Application of Part G, Divisions 2 – 6 (inclusive) 1592](#_Toc256002501)

[11.116.12 Interim deeming of MLO generators and MLO groups 1593](#_Toc256002502)

[11.116.13 MLO information template 1600](#_Toc256002503)

[11.116.14 Initial MLO register 1600](#_Toc256002504)

[11.116.15 Approved MLO products list 1600](#_Toc256002505)

[11.116.16 Designated MLO exchange 1600](#_Toc256002506)

[11.116.17 Five minute settlement intervals 1600](#_Toc256002507)

[11.116.18 Review by AEMC 1601](#_Toc256002508)

[Part ZZZS Transparency of new projects 1601](#_Toc256002509)

[11.117 Rules consequential on the making of the National Electricity Amendment (Transparency of new projects) Rule 2019 1601](#_Toc256002510)

[11.117.1 Definitions 1601](#_Toc256002511)

[11.117.2 Generation information page 1601](#_Toc256002512)

[11.117.3 Generation information guidelines 1601](#_Toc256002513)

[11.117.4 Provision and use of information 1602](#_Toc256002514)

[Part ZZZT Demand management incentive scheme and innovation allowance for TNSPs 1602](#_Toc256002515)

[11.118 Rules consequential on the making of the National Electricity Amendment (Demand management incentive scheme and innovation allowance for TNSPs) Rule 2019 1602](#_Toc256002516)

[11.118.1 Definitions 1602](#_Toc256002517)

[11.118.2 AER to develop and publish the demand management innovation allowance mechanism 1603](#_Toc256002518)

[Part ZZZU Application of the regional reference node test to the Reliability and Emergency Reserve Trader 1603](#_Toc256002519)

[11.119 Rules consequential on the making of the National Electricity Amendment (Application of the regional reference node test to the Reliability and Emergency Reserve Trader) Rule 2019 1603](#_Toc256002520)

[11.119.1 Definitions 1603](#_Toc256002521)

[11.119.2 AEMO intervention event in effect on commencement date 1603](#_Toc256002522)

[Part ZZZV Improving Transparency and Extending Duration of MT PASA 1603](#_Toc256002523)

[11.120 Rules consequential on the making of the National Electricity Amendment (Improving transparency and extending duration of MT PASA) Rule 2020 1603](#_Toc256002524)

[11.120.1 AEMO to update spot market operations timetable 1603](#_Toc256002525)

[Part ZZZW Victorian jurisdictional derogation – RERT contracting 1604](#_Toc256002526)

[11.121 Rules consequential on the making of the National Electricity Amendment (Victorian jurisdictional derogation - RERT contracting) Rule 2020 1604](#_Toc256002527)

[11.121.1 Definitions 1604](#_Toc256002528)

[11.121.2 Procedures 1604](#_Toc256002529)

[Part ZZZX Mandatory primary frequency response 1604](#_Toc256002530)

[11.122 Rules consequential on the making of the National Electricity Amendment (Mandatory primary frequency response) Rule 2020 1604](#_Toc256002531)

[11.122.1 Definitions 1604](#_Toc256002532)

[11.122.2 Interim Primary Frequency Response Requirements 1604](#_Toc256002533)

[11.122.3 Action taken prior to commencement 1605](#_Toc256002534)

[Part ZZZY System restart services, standards and testing 1605](#_Toc256002535)

[11.123 Rules consequential on the making of the National Electricity Amendment (System restart services, standards and testing) Rule 2020 1605](#_Toc256002536)

[11.123.1 Definitions 1605](#_Toc256002537)

[11.123.2 SRAS Guideline 1606](#_Toc256002538)

[11.123.3 System restart standard 1606](#_Toc256002539)

[11.123.4 Communication protocols 1606](#_Toc256002540)

[11.123.5 System restart tests 1606](#_Toc256002541)

[Part ZZZZ Introduction of metering coordinator planned interruptions 1607](#_Toc256002542)

[11.124 Rules consequential on the making of the National Electricity Amendment (Introduction of metering coordinator planned interruptions) Rule 2020 1607](#_Toc256002543)

[11.124.1 Definitions 1607](#_Toc256002544)

[11.124.2 Amendments of the metrology procedure 1607](#_Toc256002545)

[11.124.3 Market Settlement and Transfer Solutions Procedures 1607](#_Toc256002546)

[11.124.4 Requirements of the metrology procedure 1607](#_Toc256002547)

[Part ZZZZA Wholesale demand response 1608](#_Toc256002548)

[11.125 Rules consequential on the making of the National Electricity Amendment (Wholesale demand response mechanism) Rule 2020 1608](#_Toc256002549)

[11.125.1 Definitions 1608](#_Toc256002550)

[11.125.2 Wholesale demand response guidelines 1609](#_Toc256002551)

[11.125.3 Baseline methodologies 1609](#_Toc256002552)

[11.125.4 Wholesale demand response participation guidelines 1609](#_Toc256002553)

[11.125.5 Extension of time for registration and aggregation 1609](#_Toc256002554)

[11.125.6 Amendments to AEMO, AER and AEMC documents 1610](#_Toc256002555)

[11.125.7 Amendments to the demand side participation information guidelines 1611](#_Toc256002556)

[11.125.8 Amendment to RERT guidelines 1611](#_Toc256002557)

[11.125.9 Renaming of Market Ancillary Service Providers 1611](#_Toc256002558)

[11.125.10 Wholesale demand response annual reporting 1611](#_Toc256002559)

[Part ZZZZB Integrated System Planning Rules 1612](#_Toc256002560)

[11.126 Rules consequential on the making of the National Electricity Amendment (Integrated System Planning) Rule 2020 1612](#_Toc256002561)

[11.126.1 Definitions 1612](#_Toc256002562)

[11.126.2 2020 Integrated System Plan 1612](#_Toc256002563)

[11.126.3 Existing actionable ISP projects 1613](#_Toc256002564)

[11.126.4 Existing actionable ISP projects at the clause 5.16.6 stage 1613](#_Toc256002565)

[11.126.5 Existing actionable ISP projects prior to the clause 5.16.6 stage 1613](#_Toc256002566)

[11.126.6 Existing RIT-T proponent has published a PSCR but not a PADR 1614](#_Toc256002567)

[11.126.7 Cost Benefit Analysis Guidelines 1614](#_Toc256002568)

[11.126.8 Forecasting Best Practice Guidelines 1614](#_Toc256002569)

[11.126.9 Methodologies and reports 1615](#_Toc256002570)

[11.126.10 AEMC review of ISP framework 1615](#_Toc256002571)

[Part ZZZZC Deferral of network charges 1615](#_Toc256002572)

[11.127 Transitional arrangements made by the National Electricity Amendment (Deferral of network charges) Rule 2020 No. 11 1615](#_Toc256002573)

[11.127.1 Definitions 1615](#_Toc256002574)

[11.127.2 Deferral of payment of network charges 1616](#_Toc256002575)

[11.127.3 Deferral of payment of charges for prescribed transmission services 1617](#_Toc256002576)

[11.127.4 AER reporting 1618](#_Toc256002577)

[11.127.5 Application of this Part 1618](#_Toc256002578)

[Part ZZZZD Interim reliability measure 1619](#_Toc256002579)

[11.128 Rules consequential on the making of the National Electricity Amendment (Interim reliability measure) Rule 2020 1619](#_Toc256002580)

[11.128.1 Definitions 1619](#_Toc256002581)

[11.128.2 Expiry date 1619](#_Toc256002582)

[11.128.3 Application of rule 3.20 1619](#_Toc256002583)

[11.128.4 Reserve contracts for interim reliability reserves 1619](#_Toc256002584)

[11.128.5 Interim reliability reserves – reporting 1621](#_Toc256002585)

[11.128.6 AEMO exercise of RERT 1622](#_Toc256002586)

[11.128.7 RERT guidelines 1622](#_Toc256002587)

[11.128.8 RERT procedures 1623](#_Toc256002588)

[11.128.9 Reliability standard implementation guidelines 1623](#_Toc256002589)

[11.128.10 AEMO preparatory activities 1623](#_Toc256002590)

[11.128.11 Reserve contracts entered into before the commencement date 1623](#_Toc256002591)

[11.128.12 Review by the AEMC 1623](#_Toc256002592)

[Part ZZZZE Removal of intervention hierarchy 1624](#_Toc256002593)

[11.129 Rules consequential on making of the National Electricity Amendment (Removal of intervention hierarchy) Rule 2020 1624](#_Toc256002594)

[11.129.1 Definitions 1624](#_Toc256002595)

[11.129.2 Procedures 1625](#_Toc256002596)

[Part ZZZZF Reallocation of National Transmission Planner costs 1625](#_Toc256002597)

[11.130 Rule consequential on the making of the National Electricity Amendment (Reallocation of National Transmission Planner costs) Rule 2020 1625](#_Toc256002598)

[11.130.1 Allocation of NTP costs 1625](#_Toc256002599)

[Part ZZZZG Transparency of unserved energy calculation 1627](#_Toc256002600)

[11.131 Rules consequential on the making of the National Electricity Amendment (Transparency of unserved energy calculation) Rule 2020 No. 16 1627](#_Toc256002601)

[11.131.1 AEMO to update the reliability standard implementation guidelines 1627](#_Toc256002602)

[Part ZZZZH Retailer Reliability Obligation trigger 1627](#_Toc256002603)

[11.132 Rules consequential on the making of the National Electricity Amendment (Retailer Reliability Obligation trigger) Rule 2020 1627](#_Toc256002604)

[11.132.1 Definitions 1627](#_Toc256002605)

[11.132.2 Reliability standard 1627](#_Toc256002606)

[11.132.3 AEMO request for a T-3 reliability instrument 1627](#_Toc256002607)

[11.132.4 When a decision by the AER must be made 1628](#_Toc256002608)

[11.132.5 Reliability Forecast Guidelines 1628](#_Toc256002609)

[11.132.6 AEMO preparatory activities 1628](#_Toc256002610)

[11.132.7 AER preparatory activities 1628](#_Toc256002611)

[Part ZZZZI Compensation following directions for services other than energy and market ancillary services 1628](#_Toc256002612)

[11.133 Rules consequential on the making of the National Electricity Amendment (Compensation following directions for services other than energy and market ancillary services) Rule 2020 1628](#_Toc256002613)

[11.133.1 Definitions 1628](#_Toc256002614)

[11.133.2 Compensation process in effect on commencement date 1629](#_Toc256002615)

[11.133.3 Direction in effect on commencement date 1629](#_Toc256002616)

[Part ZZZZJ Prudent discounts in an adoptive jurisdiction 1629](#_Toc256002617)

[11.134 Rules consequential on the making of the National Electricity Amendment (Prudent discounts in an adoptive jurisdiction) Rule 2020 No. 19 1629](#_Toc256002618)

[11.134.1 Definitions 1629](#_Toc256002619)

[11.134.2 Prudent discount application before commencement date 1629](#_Toc256002620)