**National Electricity Rules Version 160**

**Historical Information**

This version of the National Electricity Rules was current from 21 March 2021 to 30 March 2021.

National Electricity Rules

Version 160

Status Information

This is the latest electronically available version of the National Electricity Rules as at 21 March 2021.

This consolidated version of the National Electricity Rules was last updated on 21 March 2021 as a result of the commencement of the following amendments:

Schedule 1 of the National Electricity Amendment (Compensation following directions for services other than energy and market ancillary services) Rule 2020 No. 18

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

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

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

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

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

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

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

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

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

Provisions in force

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

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

Schedule 1 of the National Electricity Amendment (Semi-scheduled generator dispatch obligations) Rule 2021 No. 2 will commence operation on 12 April 2021.

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

Schedules 1 to 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 of the National Electricity Amendment (Semi-scheduled generator dispatch obligations) Rule 2021 No. 2 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.

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.

Schedule 3 of the National Electricity Amendment (Semi-scheduled generator dispatch obligations) Rule 2021 No. 2 will commence operation on 24 October 2021, immediately after the commencement of Schedule 5 of the National Electricity Amendment (Wholesale demand response mechanism) Rule 2020 No. 9.

Schedules 1 and 2 of the National Electricity (Technical standards for distributed energy resources) Rule 2021 No. 1 will commence operation on 18 December 2021.

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

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

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

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

TABLE OF CONTENTS

[1. Introduction 3](#_Toc256000000)

[1.1 Preliminary 3](#_Toc256000001)

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

[1.1.2 Italicised expressions 3](#_Toc256000003)

[1.1.3 [Deleted] 3](#_Toc256000004)

[1.2 Background 3](#_Toc256000005)

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

[1.3.1A1 Definitions 3](#_Toc256000007)

[1.3.1 Introduction 3](#_Toc256000008)

[1.3.2 Parts, Divisions and Subdivisions 3](#_Toc256000009)

[1.3.3 Rules, clauses, paragraphs, subparagraphs and other items 4](#_Toc256000010)

[1.4 Effect of renumbering of provisions of the Rules 5](#_Toc256000011)

[1.5 [Deleted] 5](#_Toc256000012)

[1.6 [Deleted] 5](#_Toc256000013)

[1.7 Interpretation 5](#_Toc256000014)

[1.7.1 General 5](#_Toc256000015)

[1.8 Notices 6](#_Toc256000016)

[1.8.1 Service of notices under the Rules 6](#_Toc256000017)

[1.8.2 Time of service 6](#_Toc256000018)

[1.8.3 Counting of days 7](#_Toc256000019)

[1.8.4 Reference to addressee 7](#_Toc256000020)

[1.9 Retention of Records and Documents 7](#_Toc256000021)

[1.10 [Deleted] 7](#_Toc256000022)

[1.11 AEMO Rule Funds 7](#_Toc256000023)

[2. Registered Participants and Registration 13](#_Toc256000024)

[2.1 Registered Participants 13](#_Toc256000025)

[2.1.1 Purpose 13](#_Toc256000026)

[2.1.2 General 13](#_Toc256000027)

[2.2 Generator 13](#_Toc256000028)

[2.2.1 Registration as a Generator 13](#_Toc256000029)

[2.2.2 Scheduled Generator 14](#_Toc256000030)

[2.2.3 Non-Scheduled Generator 15](#_Toc256000031)

[2.2.4 Market Generator 16](#_Toc256000032)

[2.2.5 Non-Market Generator 16](#_Toc256000033)

[2.2.6 Ancillary services generating unit 17](#_Toc256000034)

[2.2.7 Semi-Scheduled Generator 18](#_Toc256000035)

[2.3 Customer 20](#_Toc256000036)

[2.3.1 Registration as a Customer 20](#_Toc256000037)

[2.3.2 First-Tier Customer 21](#_Toc256000038)

[2.3.3 Second-Tier Customer 21](#_Toc256000039)

[2.3.4 Market Customer 21](#_Toc256000040)

[2.3.5 Ancillary services load 22](#_Toc256000041)

[2.3A Small Generation Aggregator 24](#_Toc256000042)

[2.3A.1 Registration 24](#_Toc256000043)

[2.3AA Market Ancillary Service Provider 25](#_Toc256000044)

[2.3AA.1 Registration 25](#_Toc256000045)

[2.4 Market Participant 26](#_Toc256000046)

[2.4.1 Registration as a category of Market Participant 26](#_Toc256000047)

[2.4.2 Eligibility 26](#_Toc256000048)

[2.4A Metering Coordinator 27](#_Toc256000049)

[2.4A.1 Registration as a Metering Coordinator 27](#_Toc256000050)

[2.4A.2 Eligibility 27](#_Toc256000051)

[2.5 Network Service Provider 28](#_Toc256000052)

[2.5.1 Registration as a Network Service Provider 28](#_Toc256000053)

[2.5.1A Dedicated Connection Asset Service Provider 29](#_Toc256000054)

[2.5.2 Market Network Service 30](#_Toc256000055)

[2.5.3 Scheduled Network Service 31](#_Toc256000056)

[2.5A Trader 32](#_Toc256000057)

[2.5B Reallocator 33](#_Toc256000058)

[2.6 Special Participant 33](#_Toc256000059)

[2.7 Intention to Commence Activities or Functions 33](#_Toc256000060)

[2.8 Registered Participant Rights and Obligations 34](#_Toc256000061)

[2.8.1 Rights and obligations 34](#_Toc256000062)

[2.9 Application to be Registered as a Registered Participant 34](#_Toc256000063)

[2.9.1 Applications for Registration 34](#_Toc256000064)

[2.9.2 Registration as a Registered Participant 34](#_Toc256000065)

[2.9.3 Registration as an Intermediary 35](#_Toc256000066)

[2.9A Transfer of Registration 36](#_Toc256000067)

[2.9A.1 Definitions 36](#_Toc256000068)

[2.9A.2 Applications for Transfer of Registration 37](#_Toc256000069)

[2.9A.3 Approval for Transfer of Registration 37](#_Toc256000070)

[2.10 Ceasing to be a Registered Participant 38](#_Toc256000071)

[2.10.1 Notification of intention 38](#_Toc256000072)

[2.10.2 Ceasing Participation 41](#_Toc256000073)

[2.10.3 Liability after cessation 41](#_Toc256000074)

[2.11 Participant Fees 41](#_Toc256000075)

[2.11.1A Application 41](#_Toc256000076)

[2.11.1 Development of Participant fee structure 41](#_Toc256000077)

[2.11.2 Payment of Participant fees 44](#_Toc256000078)

[2.11.3 Budgeted revenue requirements 44](#_Toc256000079)

[2.12 Interpretation of References to Various Registered Participants 46](#_Toc256000080)

[2A. Regional Structure 51](#_Toc256000081)

[Part A Region change applications and region determinations by AEMC 51](#_Toc256000082)

[2A.1 Introduction to Chapter 2A 51](#_Toc256000083)

[2A.1.1 Definitions 51](#_Toc256000084)

[2A.1.2 AEMC determination of regions 53](#_Toc256000085)

[2A.1.3 Publication of regions by AEMO 53](#_Toc256000086)

[2A.2 Region change applications 53](#_Toc256000087)

[2A.2.1 A complete region change application 53](#_Toc256000088)

[2A.2.2 Identifying a congestion problem 54](#_Toc256000089)

[2A.2.3 Explanation of economic efficiency of proposed region solution 54](#_Toc256000090)

[2A.2.4 Region change application must be technically competent 54](#_Toc256000091)

[2A.2.5 Alternative congestion management options 55](#_Toc256000092)

[2A.2.6 Previous application relating to congestion problem 55](#_Toc256000093)

[2A.2.7 AEMO to provide information to intending applicants 56](#_Toc256000094)

[2A.2.8 AEMC may refuse to accept incomplete applications 56](#_Toc256000095)

[2A.3 Acceptance of region change application by AEMC 57](#_Toc256000096)

[2A.3.1 Acceptance of a region change application by AEMC 57](#_Toc256000097)

[2A.3.2 Preliminary consultation prior to acceptance of a region change application 57](#_Toc256000098)

[2A.4 First round consultation on region change application 58](#_Toc256000099)

[2A.4.1 Notice of first round consultation 58](#_Toc256000100)

[2A.4.2 Right to make written submissions during first round consultation period 58](#_Toc256000101)

[2A.4.3 Alternative region solution put forward by third parties 58](#_Toc256000102)

[2A.4.4 Acceptance as a formal alternative region solution by AEMC 59](#_Toc256000103)

[2A.5 Provision of supplementary economic analysis 59](#_Toc256000104)

[2A.5.1 AEMC may direct provision of supplementary analysis 59](#_Toc256000105)

[2A.5.2 AEMC may direct AEMO to provide information 60](#_Toc256000106)

[2A.6 Region determinations 61](#_Toc256000107)

[2A.6.1 AEMC powers to make a region determination 61](#_Toc256000108)

[2A.6.2 Matters for consideration in making region determination 61](#_Toc256000109)

[2A.7 Draft region determination and second round consultation 62](#_Toc256000110)

[2A.7.1 Publishing of draft region determination 62](#_Toc256000111)

[2A.7.2 Second round consultation 62](#_Toc256000112)

[2A.7.3 Right to make written submissions during second round consultation 62](#_Toc256000113)

[2A.8 Final region determination 62](#_Toc256000114)

[2A.8.1 Final determination for region change 62](#_Toc256000115)

[2A.8.2 Formal publication of region determination 63](#_Toc256000116)

[2A.9 Miscellaneous matters for region change process 63](#_Toc256000117)

[2A.9.1 AEMC may extend periods of time specified in Chapter 2A 63](#_Toc256000118)

[2A.9.2 Consultation meeting in relation to region change application 63](#_Toc256000119)

[Part B Implementation of region determination 64](#_Toc256000120)

[2A.10 Purpose and application of Part B 64](#_Toc256000121)

[2A.10.1 Purpose of Part B 64](#_Toc256000122)

[2A.10.2 Application of Part B 64](#_Toc256000123)

[2A.11 Region Change Implementation Procedure 64](#_Toc256000124)

[2A.11.1 Submission of draft Region Change Implementation Procedure 64](#_Toc256000125)

[2A.11.2 Approved Region Change Implementation Procedure 64](#_Toc256000126)

[2A.12 AEMO region change implementation functions 65](#_Toc256000127)

[2A.12.1 General implementation functions 65](#_Toc256000128)

[2A.12.2 Implementation functions referable to published implementation procedure 65](#_Toc256000129)

[2A.12.3 Amendment of current or subsequent Regions and Loss Factors Publication 65](#_Toc256000130)

[2A.13 Continuity of regions 65](#_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 120](#_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 133](#_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 168](#_Toc256000254)

[3.11.10 Reporting 169](#_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 170](#_Toc256000258)

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

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

[3.13 Market Information 177](#_Toc256000261)

[3.13.1 Provision of information 177](#_Toc256000262)

[3.13.2 Systems and procedures 177](#_Toc256000263)

[3.13.3 Standing data 179](#_Toc256000264)

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

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

[3.13.4 Spot market 186](#_Toc256000267)

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

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

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

[3.13.6 [Deleted] 191](#_Toc256000271)

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

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

[3.13.8 Public information 193](#_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 204](#_Toc256000285)

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

[3.14.5 Pricing during market suspension 206](#_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 217](#_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 237](#_Toc256000302)

[3.15.8 Funding of Compensation for directions 239](#_Toc256000303)

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

[3.15.9 Reserve settlements 245](#_Toc256000305)

[3.15.9A Procurer of last resort cost allocation 248](#_Toc256000306)

[3.15.10 Administered price cap or administered floor price compensation payments 252](#_Toc256000307)

[3.15.10A Goods and services tax 253](#_Toc256000308)

[3.15.10B [DELETED] 254](#_Toc256000309)

[3.15.10C Intervention and Market Suspension Pricing Schedule Period Settlements 254](#_Toc256000310)

[3.15.11 Reallocation transactions 257](#_Toc256000311)

[3.15.11A Reallocation procedures 259](#_Toc256000312)

[3.15.12 Settlement amount 259](#_Toc256000313)

[3.15.13 Payment of settlement amount 260](#_Toc256000314)

[3.15.14 Preliminary statements 260](#_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 261](#_Toc256000318)

[3.15.17 Payment to market participants 261](#_Toc256000319)

[3.15.18 Disputes 261](#_Toc256000320)

[3.15.19 Revised Statements and Adjustments 262](#_Toc256000321)

[3.15.20 Payment of adjustments 264](#_Toc256000322)

[3.15.21 Default procedure 264](#_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 270](#_Toc256000325)

[3.15.24 Compensation for reductions under clause 3.15.23 271](#_Toc256000326)

[3.15.25 Interest on overdue amounts 271](#_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 272](#_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 277](#_Toc256000336)

[3.18.4 Proceeds and fees 277](#_Toc256000337)

[3.18.4A Secondary trading proceeds and margin 278](#_Toc256000338)

[3.18.5 Settlement residue committee 279](#_Toc256000339)

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

[3.20 Reliability and Emergency Reserve Trader 281](#_Toc256000341)

[3.20.1 Definitions 281](#_Toc256000342)

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

[3.20.3 Reserve contracts 282](#_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 322](#_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 325](#_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 328](#_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 332](#_Toc256000405)

[4.8.5B Notifications of last time of AEMO intervention 333](#_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 336](#_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 344](#_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 352](#_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 354](#_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 355](#_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 360](#_Toc256000451)

[4.13 [Deleted] 361](#_Toc256000452)

[4.14 Acceptance of Performance Standards 361](#_Toc256000453)

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

[4.16 Transitioning arrangements for establishment of performance standards 366](#_Toc256000455)

[4.16.1 Definitions 366](#_Toc256000456)

[4.16.2 Exclusions 368](#_Toc256000457)

[4.16.3 Notification and acceptance of performance standards 368](#_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 376](#_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 378](#_Toc256000466)

[4.17.1 Performance standards committee and appointment of performance standards experts 378](#_Toc256000467)

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

[4.17.3 Determinations of performance standards experts 380](#_Toc256000469)

[4.17.4 Other matters 381](#_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 389](#_Toc256000477)

[Part B Reliability Forecasts 389](#_Toc256000478)

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

[4A.B.2 Reliability forecast components 390](#_Toc256000480)

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

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

[4A.B.5 AER Forecasting Best Practice Guidelines 392](#_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-1 394](#_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 395](#_Toc256000493)

[4A.C.8 AER making of a reliability instrument 395](#_Toc256000494)

[4A.C.9 When a decision by the AER must be made 395](#_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 396](#_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 399](#_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 401](#_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 404](#_Toc256000517)

[4A.E.3 Firmness methodology 404](#_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 409](#_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 411](#_Toc256000536)

[4A.F.6 Reliability Compliance Procedures and Guidelines 411](#_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 414](#_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 417](#_Toc256000553)

[4A.G.7 Traced capacity 417](#_Toc256000554)

[4A.G.8 Tracing capacity to trading groups 417](#_Toc256000555)

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

[Division 5 MLO generators and MLO groups 418](#_Toc256000557)

[4A.G.10 MLO group 418](#_Toc256000558)

[4A.G.11 MLO generator 418](#_Toc256000559)

[Division 6 Market Generator information 418](#_Toc256000560)

[4A.G.12 MLO register 418](#_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 422](#_Toc256000567)

[4A.G.17 Liquidity obligation 422](#_Toc256000568)

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

[4A.G.19 Volume limits 424](#_Toc256000570)

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

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

[Division 9 MLO products and MLO exchange 426](#_Toc256000573)

[4A.G.22 MLO products 426](#_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 428](#_Toc256000578)

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

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

[4A.H.2 Book Build Procedures 429](#_Toc256000581)

[4A.H.3 Commencement of voluntary book build 430](#_Toc256000582)

[4A.H.4 Participation in the voluntary book build 430](#_Toc256000583)

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

[4A.H.6 Reporting 431](#_Toc256000585)

[5. Network Connection Access, Planning and Expansion 435](#_Toc256000586)

[Part A Introduction 435](#_Toc256000587)

[5.1 Introduction to Chapter 5 435](#_Toc256000588)

[5.1.1 Structure of this Chapter 435](#_Toc256000589)

[5.1.2 Overview of Part B and connection and access under the Rules 435](#_Toc256000590)

[Part B Network Connection and Access 438](#_Toc256000591)

[5.1A Introduction to Part B 438](#_Toc256000592)

[5.1A.1 Purpose and Application 438](#_Toc256000593)

[5.1A.2 Principles 440](#_Toc256000594)

[5.2 Obligations 441](#_Toc256000595)

[5.2.1 Obligations of Registered Participants 441](#_Toc256000596)

[5.2.2 Connection agreements 441](#_Toc256000597)

[5.2.3 Obligations of network service providers 442](#_Toc256000598)

[5.2.3A Obligations of Market Network Service Providers 447](#_Toc256000599)

[5.2.4 Obligations of customers 447](#_Toc256000600)

[5.2.5 Obligations of Generators 449](#_Toc256000601)

[5.2.6 Obligations of AEMO 450](#_Toc256000602)

[5.2.6A AEMO review of technical requirements for connection 450](#_Toc256000603)

[5.2.7 Obligations of Dedicated Connection Asset Service Providers 451](#_Toc256000604)

[5.2A Transmission network connection and access 452](#_Toc256000605)

[5.2A.1 Application 452](#_Toc256000606)

[5.2A.2 Relevant assets 452](#_Toc256000607)

[5.2A.3 Connection and access to transmission services 453](#_Toc256000608)

[5.2A.4 Transmission services related to connection 454](#_Toc256000609)

[5.2A.5 Publication and provision of information 458](#_Toc256000610)

[5.2A.6 Negotiating principles 458](#_Toc256000611)

[5.2A.7 Third party IUSAs 459](#_Toc256000612)

[5.2A.8 Access framework for large dedicated connection assets 460](#_Toc256000613)

[5.3 Establishing or Modifying Connection 462](#_Toc256000614)

[5.3.1 Process and procedures 462](#_Toc256000615)

[5.3.1A Application of rule to connection of embedded generating units 462](#_Toc256000616)

[5.3.2 Connection enquiry 463](#_Toc256000617)

[5.3.3 Response to connection enquiry 464](#_Toc256000618)

[5.3.4 Application for connection 468](#_Toc256000619)

[5.3.4A Negotiated access standards 469](#_Toc256000620)

[5.3.4B System strength remediation for new connections 472](#_Toc256000621)

[5.3.5 Preparation of offer to connect 475](#_Toc256000622)

[5.3.6 Offer to connect 476](#_Toc256000623)

[5.3.7 Finalisation of connection agreements and network operating agreements 480](#_Toc256000624)

[5.3.8 Provision and use of information 481](#_Toc256000625)

[5.3.9 Procedure to be followed by a Generator proposing to alter a generating system 482](#_Toc256000626)

[5.3.10 Acceptance of performance standards for generating plant that is altered 485](#_Toc256000627)

[5.3.11 Notification of request to change normal voltage 485](#_Toc256000628)

[5.3A Establishing or modifying connection - embedded generation 485](#_Toc256000629)

[5.3A.A1 Definitions 485](#_Toc256000630)

[5.3A.1 Application of rule 5.3A 486](#_Toc256000631)

[5.3A.2 Miscellaneous 486](#_Toc256000632)

[5.3A.3 Publication of Information 487](#_Toc256000633)

[5.3A.4 Fees 489](#_Toc256000634)

[5.3A.5 Enquiry 489](#_Toc256000635)

[5.3A.6 Response to Enquiry 490](#_Toc256000636)

[5.3A.7 Preliminary Response to Enquiry 490](#_Toc256000637)

[5.3A.8 Detailed Response to Enquiry 491](#_Toc256000638)

[5.3A.9 Application for connection 492](#_Toc256000639)

[5.3A.10 Preparation of offer to connect 493](#_Toc256000640)

[5.3A.11 Technical Dispute 494](#_Toc256000641)

[5.3A.12 Network support payments and functions 494](#_Toc256000642)

[5.3AA Access arrangements relating to Distribution Networks 495](#_Toc256000643)

[5.3B Application for connection to declared shared network 498](#_Toc256000644)

[5.4 Independent Engineer 499](#_Toc256000645)

[5.4.1 Application 499](#_Toc256000646)

[5.4.2 Establishment of a pool 499](#_Toc256000647)

[5.4.3 Initiating the Independent Engineer process 499](#_Toc256000648)

[5.4.4 Referral to the Adviser 500](#_Toc256000649)

[5.4.5 Proceedings and decisions of the Independent Engineer 501](#_Toc256000650)

[5.4.6 Costs of the Independent Engineer 502](#_Toc256000651)

[5.4A [Deleted] 502](#_Toc256000652)

[5.4AA [Deleted] 502](#_Toc256000653)

[5.5 Commercial arbitration for prescribed and negotiated transmission services and large DCA services 502](#_Toc256000654)

[5.5.1 Application 502](#_Toc256000655)

[5.5.2 Notification of dispute 503](#_Toc256000656)

[5.5.3 Appointment of commercial arbitrator 503](#_Toc256000657)

[5.5.4 Procedures of commercial arbitrator 504](#_Toc256000658)

[5.5.5 Powers of commercial arbitrator in determining disputes 504](#_Toc256000659)

[5.5.6 Determination of disputes 505](#_Toc256000660)

[5.5.7 Costs of dispute 506](#_Toc256000661)

[5.5.8 Enforcement of agreement or determination and requirement for reasons 507](#_Toc256000662)

[5.5.9 Miscellaneous 507](#_Toc256000663)

[5.5A [Deleted] 507](#_Toc256000664)

[Part C Post-Connection Agreement matters 507](#_Toc256000665)

[5.6 Design of Connected Equipment 507](#_Toc256000666)

[5.6.1 Application 507](#_Toc256000667)

[5.6.2 Advice of inconsistencies 508](#_Toc256000668)

[5.6.3 Additional information 508](#_Toc256000669)

[5.6.4 Advice on possible non-compliance 508](#_Toc256000670)

[5.6A [Deleted] 509](#_Toc256000671)

[5.7 Inspection and Testing 509](#_Toc256000672)

[5.7.1 Right of entry and inspection 509](#_Toc256000673)

[5.7.2 Right of testing 511](#_Toc256000674)

[5.7.3 Tests to demonstrate compliance with connection requirements for generators 512](#_Toc256000675)

[5.7.3A Tests to demonstrate compliance with system strength remediation schemes 513](#_Toc256000676)

[5.7.4 Routine testing of protection equipment 515](#_Toc256000677)

[5.7.5 Testing by Registered Participants of their own plant requiring changes to normal operation 516](#_Toc256000678)

[5.7.6 Tests of generating units requiring changes to normal operation 518](#_Toc256000679)

[5.7.7 Inter-network power system tests 519](#_Toc256000680)

[5.7.8 Contestable IUSA components 525](#_Toc256000681)

[5.8 Commissioning 526](#_Toc256000682)

[5.8.1 Requirement to inspect and test equipment 526](#_Toc256000683)

[5.8.2 Co-ordination during commissioning 526](#_Toc256000684)

[5.8.3 Control and protection settings for equipment 526](#_Toc256000685)

[5.8.4 Commissioning program 527](#_Toc256000686)

[5.8.5 Commissioning tests 528](#_Toc256000687)

[5.9 Disconnection and Reconnection 528](#_Toc256000688)

[5.9.1 Voluntary disconnection 528](#_Toc256000689)

[5.9.2 Decommissioning procedures 529](#_Toc256000690)

[5.9.3 Involuntary disconnection 529](#_Toc256000691)

[5.9.4 Direction to disconnect 530](#_Toc256000692)

[5.9.4A Notification of disconnection 531](#_Toc256000693)

[5.9.5 Disconnection during an emergency 531](#_Toc256000694)

[5.9.6 Obligation to reconnect 531](#_Toc256000695)

[Part D Network Planning and Expansion 532](#_Toc256000696)

[5.10 Network development generally 532](#_Toc256000697)

[5.10.1 Content of Part D 532](#_Toc256000698)

[5.10.2 Definitions 533](#_Toc256000699)

[5.10.3 Interpretation 538](#_Toc256000700)

[5.11 Forecasts of connection to transmission network and identification of system limitations 538](#_Toc256000701)

[5.11.1 Forecasts for connection to transmission network 538](#_Toc256000702)

[5.11.2 Identification of network limitations 539](#_Toc256000703)

[5.12 Transmission annual planning process 539](#_Toc256000704)

[5.12.1 Transmission annual planning review 539](#_Toc256000705)

[5.12.2 Transmission Annual Planning Report 540](#_Toc256000706)

[5.13 Distribution annual planning process 544](#_Toc256000707)

[5.13.1 Distribution annual planning review 544](#_Toc256000708)

[5.13.2 Distribution Annual Planning Report 546](#_Toc256000709)

[5.13.3 Distribution system limitation template 546](#_Toc256000710)

[5.13A Distribution zone substation information 547](#_Toc256000711)

[5.14 Joint planning 550](#_Toc256000712)

[5.14.1 Joint planning obligations of Transmission Network Service Providers and Distribution Network Service Providers 550](#_Toc256000713)

[5.14.2 Joint planning obligations of Distribution Network Service Providers and Distribution Network Service Providers 551](#_Toc256000714)

[5.14.3 Joint planning obligations of Transmission Network Service Providers 551](#_Toc256000715)

[5.14.4 Joint planning by Transmission Network Service Providers and AEMO 551](#_Toc256000716)

[5.14A Joint planning in relation to retirement or de-ratings of network assets forming part of the Declared Shared Network 552](#_Toc256000717)

[5.14B TAPR Guidelines 552](#_Toc256000718)

[5.14B.1 Development of TAPR Guidelines 552](#_Toc256000719)

[5.15 Regulatory investment tests generally 553](#_Toc256000720)

[5.15.1 Interested parties 553](#_Toc256000721)

[5.15.2 Identification of a credible option 553](#_Toc256000722)

[5.15.3 Review of costs thresholds 554](#_Toc256000723)

[5.15.4 Costs determinations 556](#_Toc256000724)

[5.15A Regulatory investment test for transmission 557](#_Toc256000725)

[5.15A.1 General principles and application 557](#_Toc256000726)

[5.15A.2 Principles for RIT-T projects which are not actionable ISP projects 557](#_Toc256000727)

[5.15A.3 Principles for actionable ISP projects 560](#_Toc256000728)

[5.16 Application of RIT-T to RIT-T projects which are not actionable ISP projects 561](#_Toc256000729)

[5.16.1 Application 561](#_Toc256000730)

[5.16.2 Regulatory investment test for transmission application guidelines 562](#_Toc256000731)

[5.16.3 Investments subject to the regulatory investment test for transmission 563](#_Toc256000732)

[5.16.4 Regulatory investment test for transmission procedures 565](#_Toc256000733)

[5.16.5 [Deleted] 572](#_Toc256000734)

[5.16.6 [Deleted] 572](#_Toc256000735)

[5.16A Application of the RIT-T to actionable ISP Projects 572](#_Toc256000736)

[5.16A.1 Application 572](#_Toc256000737)

[5.16A.2 Cost Benefit Analysis Guidelines 572](#_Toc256000738)

[5.16A.3 Actionable ISP projects subject to the RIT-T 572](#_Toc256000739)

[5.16A.4 Regulatory investment test for transmission procedures 573](#_Toc256000740)

[5.16A.5 Actionable ISP project trigger event 576](#_Toc256000741)

[5.16B Disputes in relation to application of regulatory investment test for transmission 576](#_Toc256000742)

[5.17 Regulatory investment test for distribution 579](#_Toc256000743)

[5.17.1 Principles 579](#_Toc256000744)

[5.17.2 Regulatory investment test for distribution application guidelines 581](#_Toc256000745)

[5.17.3 Projects subject to the regulatory investment test for distribution 582](#_Toc256000746)

[5.17.4 Regulatory investment test for distribution procedures 583](#_Toc256000747)

[5.17.5 Disputes in relation to application of regulatory investment test for distribution 588](#_Toc256000748)

[5.18 Construction of funded augmentations 590](#_Toc256000749)

[5.18A Large generator connections 591](#_Toc256000750)

[5.18A.1 Definitions 591](#_Toc256000751)

[5.18A.2 Register of large generator connections 591](#_Toc256000752)

[5.18A.3 Impact assessment of large generator connections 592](#_Toc256000753)

[5.18B Completed embedded generation projects 593](#_Toc256000754)

[5.18B.1 Definitions 593](#_Toc256000755)

[5.18B.2 Register of completed embedded generation projects 593](#_Toc256000756)

[5.19 SENE Design and Costing Study 594](#_Toc256000757)

[5.19.1 Definitions 594](#_Toc256000758)

[5.19.2 Interpretation 594](#_Toc256000759)

[5.19.3 Request for SENE Design and Costing Study 595](#_Toc256000760)

[5.19.4 Content of SENE Design and Costing Study 596](#_Toc256000761)

[5.19.5 Co-operation of other Network Service Providers 597](#_Toc256000762)

[5.19.6 Publication of SENE Design and Costing Study report 597](#_Toc256000763)

[5.19.7 Provision and use of information 597](#_Toc256000764)

[5.20 System security reports 598](#_Toc256000765)

[5.20.1 Definitions 598](#_Toc256000766)

[5.20.2 Publication of NSCAS methodology 598](#_Toc256000767)

[5.20.3 Publication of NSCAS Report 598](#_Toc256000768)

[5.20.4 Inertia requirements methodology 599](#_Toc256000769)

[5.20.5 Publication of Inertia Report 599](#_Toc256000770)

[5.20.6 Publication of system strength requirements methodologies 600](#_Toc256000771)

[5.20.7 Publication of System Strength Report 601](#_Toc256000772)

[5.20A Frequency management planning 601](#_Toc256000773)

[5.20A.1 Power system frequency risk review 601](#_Toc256000774)

[5.20A.2 Power system frequency risk review process 602](#_Toc256000775)

[5.20A.3 Power system frequency risk review report 602](#_Toc256000776)

[5.20A.4 Request for protected event declaration 603](#_Toc256000777)

[5.20A.5 Request to revoke a protected event declaration 604](#_Toc256000778)

[5.20B Inertia sub-networks and requirements 604](#_Toc256000779)

[5.20B.1 Boundaries of inertia sub-networks 604](#_Toc256000780)

[5.20B.2 Inertia requirements 604](#_Toc256000781)

[5.20B.3 Inertia shortfalls 605](#_Toc256000782)

[5.20B.4 Inertia Service Provider to make available inertia services 606](#_Toc256000783)

[5.20B.5 Inertia support activities 608](#_Toc256000784)

[5.20B.6 Inertia network services information and approvals 609](#_Toc256000785)

[5.20C System strength requirements 611](#_Toc256000786)

[5.20C.1 System strength requirements 611](#_Toc256000787)

[5.20C.2 Fault level shortfalls 612](#_Toc256000788)

[5.20C.3 System Strength Service Provider to make available system strength services 612](#_Toc256000789)

[5.20C.4 System strength services information and approvals 614](#_Toc256000790)

[5.21 AEMO's obligation to publish information and guidelines and provide advice 616](#_Toc256000791)

[5.22 Integrated System Plan 618](#_Toc256000792)

[5.22.1 Duty of AEMO to make Integrated System Plan 618](#_Toc256000793)

[5.22.2 Purpose of the ISP 618](#_Toc256000794)

[5.22.3 Power system needs 618](#_Toc256000795)

[5.22.4 ISP timetable 618](#_Toc256000796)

[5.22.5 Guidelines relevant to the ISP 619](#_Toc256000797)

[5.22.6 Content of Integrated System Plan 620](#_Toc256000798)

[5.22.7 ISP consumer panel 622](#_Toc256000799)

[5.22.8 Preliminary consultations 622](#_Toc256000800)

[5.22.9 AER transparency review on Inputs, Assumptions and Scenarios Report 623](#_Toc256000801)

[5.22.10 Preparation of ISP 624](#_Toc256000802)

[5.22.11 Draft Integrated System Plan 626](#_Toc256000803)

[5.22.12 Non-network options 627](#_Toc256000804)

[5.22.13 AER transparency review of draft Integrated System Plan 628](#_Toc256000805)

[5.22.14 Final Integrated System Plan 628](#_Toc256000806)

[5.22.15 ISP updates 629](#_Toc256000807)

[5.22.16 ISP database 630](#_Toc256000808)

[5.22.17 Jurisdictional planning bodies and jurisdictional planning representatives 630](#_Toc256000809)

[5.22.18 NTP Functions 630](#_Toc256000810)

[5.23 Disputes in relation to an ISP 631](#_Toc256000811)

[5.23.1 Disputing party 631](#_Toc256000812)

[5.23.2 Initial AER review 631](#_Toc256000813)

[5.23.3 Provision of further information 632](#_Toc256000814)

[5.23.4 AER determination 632](#_Toc256000815)

[Schedule 5.1a System standards 633](#_Toc256000816)

[S5.1a.1 Purpose 633](#_Toc256000817)

[S5.1a.2 Frequency 634](#_Toc256000818)

[S5.1a.3 System stability 634](#_Toc256000819)

[S5.1a.4 Power frequency voltage 634](#_Toc256000820)

[S5.1a.5 Voltage fluctuations 635](#_Toc256000821)

[S5.1a.6 Voltage waveform distortion 635](#_Toc256000822)

[S5.1a.7 Voltage unbalance 636](#_Toc256000823)

[S5.1a.8 Fault clearance times 637](#_Toc256000824)

[Schedule 5.1 Network Performance Requirements to be Provided or Co-ordinated by Network Service Providers 638](#_Toc256000825)

[S5.1.1 Introduction 638](#_Toc256000826)

[S5.1.2 Network reliability 639](#_Toc256000827)

[S5.1.2.1 Credible contingency events 639](#_Toc256000828)

[S5.1.2.2 Network service within a region 640](#_Toc256000829)

[S5.1.2.3 Network service between regions 641](#_Toc256000830)

[S5.1.3 Frequency variations 641](#_Toc256000831)

[S5.1.4 Magnitude of power frequency voltage 641](#_Toc256000832)

[S5.1.5 Voltage fluctuations 642](#_Toc256000833)

[S5.1.6 Voltage harmonic or voltage notching distortion 643](#_Toc256000834)

[S5.1.7 Voltage unbalance 644](#_Toc256000835)

[S5.1.8 Stability 645](#_Toc256000836)

[S5.1.9 Protection systems and fault clearance times 646](#_Toc256000837)

[S5.1.10 Load, generation and network control facilities 649](#_Toc256000838)

[S5.1.10.1 General 649](#_Toc256000839)

[S5.1.10.1a Emergency frequency control schemes 650](#_Toc256000840)

[S5.1.10.2 Distribution Network Service Providers 651](#_Toc256000841)

[S5.1.10.3 Transmission Network Service Providers 651](#_Toc256000842)

[S5.1.11 Automatic reclosure of transmission or distribution lines 652](#_Toc256000843)

[S5.1.12 Rating of transmission lines and equipment 652](#_Toc256000844)

[S5.1.13 Information to be provided 653](#_Toc256000845)

[Schedule 5.2 Conditions for Connection of Generators 653](#_Toc256000846)

[S5.2.1 Outline of requirements 653](#_Toc256000847)

[S5.2.2 Application of Settings 654](#_Toc256000848)

[S5.2.3 Technical matters to be coordinated 654](#_Toc256000849)

[S5.2.4 Provision of information 655](#_Toc256000850)

[S5.2.5 Technical requirements 658](#_Toc256000851)

[S5.2.5.1 Reactive power capability 658](#_Toc256000852)

[S5.2.5.2 Quality of electricity generated 659](#_Toc256000853)

[S5.2.5.3 Generating system response to frequency disturbances 660](#_Toc256000854)

[S5.2.5.4 Generating system response to voltage disturbances 663](#_Toc256000855)

[S5.2.5.5 Generating system response to disturbances following contingency events 665](#_Toc256000856)

[S5.2.5.6 Quality of electricity generated and continuous uninterrupted operation 673](#_Toc256000857)

[S5.2.5.7 Partial load rejection 673](#_Toc256000858)

[S5.2.5.8 Protection of generating systems from power system disturbances 673](#_Toc256000859)

[S5.2.5.9 Protection systems that impact on power system security 675](#_Toc256000860)

[S5.2.5.10 Protection to trip plant for unstable operation 676](#_Toc256000861)

[S5.2.5.11 Frequency control 677](#_Toc256000862)

[S5.2.5.12 Impact on network capability 680](#_Toc256000863)

[S5.2.5.13 Voltage and reactive power control 681](#_Toc256000864)

[S5.2.5.14 Active power control 688](#_Toc256000865)

[S5.2.6 Monitoring and control requirements 690](#_Toc256000866)

[S5.2.6.1 Remote Monitoring 690](#_Toc256000867)

[S5.2.6.2 Communications equipment 692](#_Toc256000868)

[S5.2.7 Power station auxiliary supplies 693](#_Toc256000869)

[S5.2.8 Fault current 693](#_Toc256000870)

[Schedule 5.3 Conditions for Connection of Customers 695](#_Toc256000871)

[S5.3.1a Introduction to the schedule 695](#_Toc256000872)

[S5.3.1 Information 696](#_Toc256000873)

[S5.3.2 Design standards 697](#_Toc256000874)

[S5.3.3 Protection systems and settings 698](#_Toc256000875)

[S5.3.4 Settings of protection and control systems 699](#_Toc256000876)

[S5.3.5 Power factor requirements 700](#_Toc256000877)

[S5.3.6 Balancing of load currents 700](#_Toc256000878)

[S5.3.7 Voltage fluctuations 701](#_Toc256000879)

[S5.3.8 Harmonics and voltage notching 701](#_Toc256000880)

[S5.3.9 Design requirements for Network Users' substations 702](#_Toc256000881)

[S5.3.10 Load shedding facilities 702](#_Toc256000882)

[Schedule 5.3a Conditions for connection of Market Network Services 703](#_Toc256000883)

[S5.3a.1a Introduction to the schedule 703](#_Toc256000884)

[S5.3a.1 Provision of Information 704](#_Toc256000885)

[S5.3a.2 Application of settings 705](#_Toc256000886)

[S5.3a.3 Technical matters to be co-ordinated 706](#_Toc256000887)

[S5.3a.4 Monitoring and control requirements 707](#_Toc256000888)

[S5.3a.4.1 Remote Monitoring 707](#_Toc256000889)

[S5.3a.4.2 [Deleted] 707](#_Toc256000890)

[S5.3a.4.3 Communications equipment 707](#_Toc256000891)

[S5.3a.5 Design standards 708](#_Toc256000892)

[S5.3a.6 Protection systems and settings 708](#_Toc256000893)

[S5.3a.7 [Deleted] 710](#_Toc256000894)

[S5.3a.8 Reactive power capability 710](#_Toc256000895)

[S5.3a.9 Balancing of load currents 710](#_Toc256000896)

[S5.3a.10 Voltage fluctuations 711](#_Toc256000897)

[S5.3a.11 Harmonics and voltage notching 711](#_Toc256000898)

[S5.3a.12 Design requirements for Market Network Service Providers' substations 711](#_Toc256000899)

[S5.3a.13 Market network service response to disturbances in the power system 712](#_Toc256000900)

[S5.3a.14 Protection of market network services from power system disturbances 712](#_Toc256000901)

[Schedule 5.4 Information to be Provided with Preliminary Enquiry 713](#_Toc256000902)

[Schedule 5.4A Preliminary Response 714](#_Toc256000903)

[Schedule 5.4B Detailed Response to Enquiry 716](#_Toc256000904)

[Schedule 5.5 Technical Details to Support Application for Connection and Connection Agreement 718](#_Toc256000905)

[S5.5.1 Introduction to the schedule 718](#_Toc256000906)

[S5.5.2 Categories of data 718](#_Toc256000907)

[S5.5.3 Review, change and supply of data 719](#_Toc256000908)

[S5.5.4 Data Requirements 719](#_Toc256000909)

[S5.5.5 Asynchronous generating unit data 720](#_Toc256000910)

[S5.5.6 Generating units smaller than 30MW data 720](#_Toc256000911)

[S5.5.7 Power System Design Data Sheet, Power System Setting Data Sheet and Power System Model Guidelines 720](#_Toc256000912)

[Schedule 5.5.1 [Deleted] 723](#_Toc256000913)

[Schedule 5.5.2 [Deleted] 723](#_Toc256000914)

[Schedule 5.5.3 Network and plant technical data of equipment at or near connection point 723](#_Toc256000915)

[Schedule 5.5.4 Network Plant and Apparatus Setting Data 726](#_Toc256000916)

[Schedule 5.5.5 Load Characteristics at Connection Point 728](#_Toc256000917)

[Schedule 5.6 Terms and Conditions of Connection agreements and network operating agreements 729](#_Toc256000918)

[Part A Connection agreements 729](#_Toc256000919)

[Part B Network Operating Agreements 730](#_Toc256000920)

[Schedule 5.7 Annual Forecast Information for Planning Purposes 731](#_Toc256000921)

[Schedule 5.8 Distribution Annual Planning Report 733](#_Toc256000922)

[Schedule 5.9 Demand side engagement document (clause 5.13.1(h)) 739](#_Toc256000923)

[Schedule 5.10 Information requirements for Primary Transmission Network Service Providers (clause 5.2A.5) 740](#_Toc256000924)

[Schedule 5.11 Negotiating principles for negotiated transmission services (clause 5.2A.6) 743](#_Toc256000925)

[Schedule 5.12 Negotiating principles for large DCA services 745](#_Toc256000926)

[5A. Electricity connection for retail customers 749](#_Toc256000927)

[Part A Preliminary 749](#_Toc256000928)

[5A.A.1 Definitions 749](#_Toc256000929)

[5A.A.2 Application of this Chapter 752](#_Toc256000930)

[5A.A.3 Small Generation Aggregator deemed to be agent of a retail customer 752](#_Toc256000931)

[Part B Standardised offers to provide basic and standard connection services 753](#_Toc256000932)

[Division 1 Basic connection services 753](#_Toc256000933)

[5A.B.1 Obligation to have model standing offer to provide basic connection services 753](#_Toc256000934)

[5A.B.2 Proposed model standing offer for basic connection services 753](#_Toc256000935)

[5A.B.3 Approval of terms and conditions of model standing offer to provide basic connection services 754](#_Toc256000936)

[Division 2 Standard connection services 755](#_Toc256000937)

[5A.B.4 Standard connection services 755](#_Toc256000938)

[5A.B.5 Approval of model standing offer to provide standard connection services 756](#_Toc256000939)

[Division 3 Miscellaneous 756](#_Toc256000940)

[5A.B.6 Amendment etc of model standing offer 756](#_Toc256000941)

[5A.B.7 Publication of model standing offers 757](#_Toc256000942)

[Part C Negotiated connection 757](#_Toc256000943)

[5A.C.1 Negotiation of connection 757](#_Toc256000944)

[5A.C.2 Process of negotiation 758](#_Toc256000945)

[5A.C.3 Negotiation framework 758](#_Toc256000946)

[5A.C.4 Fee to cover cost of negotiation 760](#_Toc256000947)

[Part D Application for connection service 760](#_Toc256000948)

[Division 1 Information 760](#_Toc256000949)

[5A.D.1 Publication of information 760](#_Toc256000950)

[5A.D.1A Register of completed embedded generation projects 761](#_Toc256000951)

[Division 2 Preliminary enquiry 762](#_Toc256000952)

[5A.D.2 Preliminary enquiry 762](#_Toc256000953)

[Division 3 Applications 763](#_Toc256000954)

[5A.D.3 Application process 763](#_Toc256000955)

[5A.D.4 Site inspection 764](#_Toc256000956)

[Part E Connection charges 764](#_Toc256000957)

[5A.E.1 Connection charge principles 764](#_Toc256000958)

[5A.E.2 Itemised statement of connection charges 766](#_Toc256000959)

[5A.E.3 Connection charge guidelines 766](#_Toc256000960)

[5A.E.4 Payment of connection charges 768](#_Toc256000961)

[Part F Formation and integration of connection contracts 768](#_Toc256000962)

[Division 1 Offer and acceptance – basic and standard connection services 768](#_Toc256000963)

[5A.F.1 Distribution Network Service Provider's response to application 768](#_Toc256000964)

[5A.F.2 Acceptance of connection offer 769](#_Toc256000965)

[5A.F.3 Offer and acceptance—application for expedited connection 769](#_Toc256000966)

[Division 2 Offer and acceptance – negotiated connection 769](#_Toc256000967)

[5A.F.4 Negotiated connection offer 769](#_Toc256000968)

[Division 3 Formation of contract 770](#_Toc256000969)

[5A.F.5 Acceptance of connection offer 770](#_Toc256000970)

[Division 4 Contractual performance 770](#_Toc256000971)

[5A.F.6 Carrying out connection work 770](#_Toc256000972)

[5A.F.7 Retailer required for energisation where new connection 771](#_Toc256000973)

[Part G Dispute resolution between Distribution Network Service Providers and customers 771](#_Toc256000974)

[5A.G.1 Relevant disputes 771](#_Toc256000975)

[5A.G.2 Determination of dispute 771](#_Toc256000976)

[5A.G.3 Termination of proceedings 772](#_Toc256000977)

[SCHEDULE 5A.1 – Minimum content requirements for connection contract 772](#_Toc256000978)

[Part A Connection offer not involving embedded generation 772](#_Toc256000979)

[Part B Connection offer involving embedded generation 773](#_Toc256000980)

[6. Economic Regulation of Distribution Services 777](#_Toc256000981)

[Part A Introduction 777](#_Toc256000982)

[6.1 Introduction to Chapter 6 777](#_Toc256000983)

[6.1.1 AER's regulatory responsibility 777](#_Toc256000984)

[6.1.1A [Deleted] 777](#_Toc256000985)

[6.1.2 Structure of this Chapter 777](#_Toc256000986)

[6.1.3 Access to direct control services and negotiated distribution services 778](#_Toc256000987)

[6.1.4 Prohibition of DUOS charges for the export of energy 778](#_Toc256000988)

[Part B Classification of Distribution Services and Distribution Determinations 778](#_Toc256000989)

[6.2 Classification 778](#_Toc256000990)

[6.2.1 Classification of distribution services 778](#_Toc256000991)

[6.2.2 Classification of direct control services as standard control services or alternative control services 779](#_Toc256000992)

[6.2.3 Term for which classification operates 780](#_Toc256000993)

[6.2.3A Distribution Service Classification Guidelines 780](#_Toc256000994)

[6.2.4 Duty of AER to make distribution determinations 781](#_Toc256000995)

[6.2.5 Control mechanisms for direct control services 781](#_Toc256000996)

[6.2.6 Basis of control mechanisms for direct control services 782](#_Toc256000997)

[6.2.7 Negotiated distribution services 782](#_Toc256000998)

[6.2.8 Guidelines 782](#_Toc256000999)

[Part C Building Block Determinations for standard control services 783](#_Toc256001000)

[6.3 Building block determinations 783](#_Toc256001001)

[6.3.1 Introduction 783](#_Toc256001002)

[6.3.2 Contents of building block determination 783](#_Toc256001003)

[6.4 Post-tax revenue model 784](#_Toc256001004)

[6.4.1 Preparation, publication and amendment of post-tax revenue model 784](#_Toc256001005)

[6.4.2 Contents of post-tax revenue model 784](#_Toc256001006)

[6.4.3 Building block approach 784](#_Toc256001007)

[6.4.4 Shared assets 786](#_Toc256001008)

[6.4.5 Expenditure Forecast Assessment Guidelines 787](#_Toc256001009)

[6.4A Capital expenditure incentive mechanisms 787](#_Toc256001010)

[6.4B Asset exemptions 788](#_Toc256001011)

[6.4B.1 Asset exemption decisions and Asset Exemption Guidelines 788](#_Toc256001012)

[6.4B.2 Exemption applications 789](#_Toc256001013)

[6.5 Matters relevant to the making of building block determinations 789](#_Toc256001014)

[6.5.1 Regulatory asset base 789](#_Toc256001015)

[6.5.2 Return on capital 790](#_Toc256001016)

[6.5.3 Estimated cost of corporate income tax 790](#_Toc256001017)

[6.5.4 [Deleted] 791](#_Toc256001018)

[6.5.5 Depreciation 791](#_Toc256001019)

[6.5.6 Forecast operating expenditure 792](#_Toc256001020)

[6.5.7 Forecast capital expenditure 794](#_Toc256001021)

[6.5.8 Efficiency benefit sharing scheme 798](#_Toc256001022)

[6.5.8A Capital expenditure sharing scheme 799](#_Toc256001023)

[6.5.9 The X factor 800](#_Toc256001024)

[6.5.10 Pass through events 801](#_Toc256001025)

[6.6 Adjustments after making of building block determination. 801](#_Toc256001026)

[6.6.1 Cost pass through 801](#_Toc256001027)

[6.6.1A Reporting on jurisdictional schemes 807](#_Toc256001028)

[6.6.2 Service target performance incentive scheme 809](#_Toc256001029)

[6.6.3 Demand management incentive scheme 810](#_Toc256001030)

[6.6.3A Demand management innovation allowance mechanism 811](#_Toc256001031)

[6.6.4 Small-scale incentive scheme 812](#_Toc256001032)

[6.6.5 Reopening of distribution determination for capital expenditure 813](#_Toc256001033)

[6.6A Contingent Projects 816](#_Toc256001034)

[6.6A.1 Acceptance of a contingent project in a distribution determination 816](#_Toc256001035)

[6.6A.2 Amendment of distribution determination for contingent project 818](#_Toc256001036)

[Part D Negotiated distribution services 822](#_Toc256001037)

[6.7 Negotiated distribution services 822](#_Toc256001038)

[6.7.1 Principles relating to access to negotiated distribution services 822](#_Toc256001039)

[6.7.2 Determination of terms and conditions of access for negotiated distribution services 824](#_Toc256001040)

[6.7.3 Negotiating framework determination 825](#_Toc256001041)

[6.7.4 Negotiated Distribution Service Criteria determination 825](#_Toc256001042)

[6.7.5 Preparation of and requirements for negotiating framework for negotiated distribution services 826](#_Toc256001043)

[6.7.6 Confidential information 827](#_Toc256001044)

[Part DA Connection policies 828](#_Toc256001045)

[6.7A Connection policy requirements 828](#_Toc256001046)

[6.7A.1 Preparation of, and requirements for, connection policy 828](#_Toc256001047)

[Part E Regulatory proposal and proposed tariff structure statement 829](#_Toc256001048)

[6.8 Regulatory proposal and proposed tariff structure statement 829](#_Toc256001049)

[6.8.1 AER's framework and approach paper 829](#_Toc256001050)

[6.8.1A Notification of approach to forecasting expenditure 831](#_Toc256001051)

[6.8.2 Submission of regulatory proposal, tariff structure statement and exemption application 831](#_Toc256001052)

[6.9 Preliminary examination and consultation 833](#_Toc256001053)

[6.9.1 Preliminary examination 833](#_Toc256001054)

[6.9.2 Resubmission of proposal 834](#_Toc256001055)

[6.9.2A Confidential information 834](#_Toc256001056)

[6.9.3 Consultation 834](#_Toc256001057)

[6.10 Draft distribution determination and further consultation 835](#_Toc256001058)

[6.10.1 Making of draft distribution determination 835](#_Toc256001059)

[6.10.2 Publication of draft determination and consultation 836](#_Toc256001060)

[6.10.3 Submission of revised proposal 836](#_Toc256001061)

[6.10.4 Submissions on specified matters 837](#_Toc256001062)

[6.11 Distribution determination 837](#_Toc256001063)

[6.11.1 Making of distribution determination 837](#_Toc256001064)

[6.11.1A Out of scope revised regulatory proposal or late submissions 838](#_Toc256001065)

[6.11.2 Notice of distribution determination 838](#_Toc256001066)

[6.11.3 Commencement of distribution determination 839](#_Toc256001067)

[6.12 Requirements relating to draft and final distribution determinations 839](#_Toc256001068)

[6.12.1 Constituent decisions 839](#_Toc256001069)

[6.12.2 Reasons for decisions 842](#_Toc256001070)

[6.12.3 Extent of AER's discretion in making distribution determinations 843](#_Toc256001071)

[6.13 Revocation and substitution of distribution determination for wrong information or error 844](#_Toc256001072)

[6.14 Miscellaneous 845](#_Toc256001073)

[6.14A Distribution Confidentiality Guidelines 845](#_Toc256001074)

[Part F Cost Allocation 846](#_Toc256001075)

[6.15 Cost allocation 846](#_Toc256001076)

[6.15.1 Duty to comply with Cost Allocation Method 846](#_Toc256001077)

[6.15.2 Cost Allocation Principles 846](#_Toc256001078)

[6.15.3 Cost Allocation Guidelines 847](#_Toc256001079)

[6.15.4 Cost Allocation Method 847](#_Toc256001080)

[Part G Distribution consultation procedures 848](#_Toc256001081)

[6.16 Distribution consultation procedures 848](#_Toc256001082)

[Part H Ring-Fencing Arrangements for Distribution Network Service Providers 850](#_Toc256001083)

[6.17 Distribution Ring-Fencing Guidelines 850](#_Toc256001084)

[6.17.1 Compliance with Distribution Ring-Fencing Guidelines 850](#_Toc256001085)

[6.17.2 Development of Distribution Ring-Fencing Guidelines 850](#_Toc256001086)

[Part I Distribution Pricing Rules 851](#_Toc256001087)

[6.18 Distribution Pricing Rules 851](#_Toc256001088)

[6.18.1 Application of this Part 851](#_Toc256001089)

[6.18.1A Tariff structure statement 851](#_Toc256001090)

[6.18.1B Amending a tariff structure statement with the AER's approval 852](#_Toc256001091)

[6.18.1C Sub-threshold tariffs 853](#_Toc256001092)

[6.18.2 Pricing proposals 854](#_Toc256001093)

[6.18.3 Tariff classes 855](#_Toc256001094)

[6.18.4 Principles governing assignment or re-assignment of retail customers to tariff classes and assessment and review of basis of charging 856](#_Toc256001095)

[6.18.5 Pricing principles 856](#_Toc256001096)

[6.18.6 Side constraints on tariffs for standard control services 858](#_Toc256001097)

[6.18.7 Recovery of designated pricing proposal charges 859](#_Toc256001098)

[6.18.7A Recovery of jurisdictional scheme amounts 859](#_Toc256001099)

[6.18.8 Approval of pricing proposal 863](#_Toc256001100)

[6.18.9 Publication of information about tariffs and tariff classes 864](#_Toc256001101)

[6.19. Data Required for Distribution Service Pricing 864](#_Toc256001102)

[6.19.1 Forecast use of networks by Distribution Customers and Embedded Generators 864](#_Toc256001103)

[6.19.2 Confidentiality of distribution network pricing information 865](#_Toc256001104)

[Part J Billing and Settlements 865](#_Toc256001105)

[6.20 Billing and Settlements Process 865](#_Toc256001106)

[6.20.1 Billing for distribution services 865](#_Toc256001107)

[6.20.2 Minimum information to be provided in distribution network service bills 867](#_Toc256001108)

[6.20.3 Settlement between Distribution Network Service Providers 867](#_Toc256001109)

[6.20.4 Obligation to pay 867](#_Toc256001110)

[Part K Prudential requirements, capital contributions and prepayments 867](#_Toc256001111)

[6.21 Distribution Network Service Provider Prudential Requirements 867](#_Toc256001112)

[6.21.1 Prudential requirements for distribution network service 867](#_Toc256001113)

[6.21.2 Capital contributions, prepayments and financial guarantees 868](#_Toc256001114)

[6.21.3 Treatment of past prepayments and capital contributions 869](#_Toc256001115)

[Part L Dispute resolution 869](#_Toc256001116)

[6.22 Dispute Resolution 869](#_Toc256001117)

[6.22.1 Dispute Resolution by the AER 869](#_Toc256001118)

[6.22.2 Determination of dispute 869](#_Toc256001119)

[6.22.3 Termination of access dispute without access determination 871](#_Toc256001120)

[Part M Separate disclosure of transmission and distribution charges 871](#_Toc256001121)

[6.23 Separate disclosure of transmission and distribution charges 871](#_Toc256001122)

[Part N Dual Function Assets 872](#_Toc256001123)

[6.24 Dual Function Assets 872](#_Toc256001124)

[6.24.1 Application of this Part 872](#_Toc256001125)

[6.24.2 Dual Function Assets 872](#_Toc256001126)

[6.25 AER determination of applicable pricing regime for Dual Function Assets 872](#_Toc256001127)

[6.26 Division of Distribution Network Service Provider's revenue 873](#_Toc256001128)

[Part O Annual Benchmarking Report 875](#_Toc256001129)

[6.27 Annual Benchmarking Report 875](#_Toc256001130)

[Part P Distribution Reliability Measures Guidelines 875](#_Toc256001131)

[6.28 Distribution Reliability Measures Guidelines 875](#_Toc256001132)

[Schedule 6.1 Contents of building block proposals 875](#_Toc256001133)

[S6.1.1 Information and matters relating to capital expenditure 875](#_Toc256001134)

[S6.1.2 Information and matters relating to operating expenditure 876](#_Toc256001135)

[S6.1.3 Additional information and matters 877](#_Toc256001136)

[Schedule 6.2 Regulatory Asset Base 879](#_Toc256001137)

[S6.2.1 Establishment of opening regulatory asset base for a regulatory control period 879](#_Toc256001138)

[S6.2.2 Prudency and efficiency of capital expenditure 884](#_Toc256001139)

[S6.2.2A Reduction for inefficient past capital expenditure 884](#_Toc256001140)

[S6.2.2B Depreciation 886](#_Toc256001141)

[S6.2.3 Roll forward of regulatory asset base within the same regulatory control period 887](#_Toc256001142)

[6A. Economic Regulation of Transmission Services 891](#_Toc256001143)

[Part A Introduction 891](#_Toc256001144)

[6A.1 Introduction to Chapter 6A 891](#_Toc256001145)

[6A.1.1 Economic regulation of transmission services generally 891](#_Toc256001146)

[6A.1.2 [Deleted] 892](#_Toc256001147)

[6A.1.3 [Deleted] 892](#_Toc256001148)

[6A.1.4 National regulatory arrangements 892](#_Toc256001149)

[6A.1.5 Application of Chapter 6A to Market Network Service Providers 892](#_Toc256001150)

[6A.1.6 Application of Chapter 6A to AEMO and declared transmission system operators 892](#_Toc256001151)

[Part B Transmission Determinations Generally 893](#_Toc256001152)

[6A.2 Transmission determinations 893](#_Toc256001153)

[6A.2.1 Duty of AER to make transmission determinations 893](#_Toc256001154)

[6A.2.2 Components of transmission determinations 893](#_Toc256001155)

[6A.2.3 Guidelines 893](#_Toc256001156)

[Part C Regulation of Revenue - Prescribed Transmission Services 894](#_Toc256001157)

[6A.3 Allowed revenue from prescribed transmission services 894](#_Toc256001158)

[6A.3.1 Allowed revenue for regulatory year 894](#_Toc256001159)

[6A.3.2 Adjustment of maximum allowed revenue 894](#_Toc256001160)

[6A.4 Revenue determinations 894](#_Toc256001161)

[6A.4.1 Introduction 894](#_Toc256001162)

[6A.4.2 Contents of revenue determination 894](#_Toc256001163)

[6A.5 Post-tax revenue model 895](#_Toc256001164)

[6A.5.1 Introduction 895](#_Toc256001165)

[6A.5.2 Preparation, publication and amendment of post-tax revenue model 896](#_Toc256001166)

[6A.5.3 Contents of post-tax revenue model 896](#_Toc256001167)

[6A.5.4 Building blocks approach 897](#_Toc256001168)

[6A.5.5 Shared assets 898](#_Toc256001169)

[6A.5.6 Expenditure Forecast Assessment Guidelines 899](#_Toc256001170)

[6A.5A Capital expenditure incentive mechanisms 899](#_Toc256001171)

[6A.6 Matters relevant to the making of revenue determinations 900](#_Toc256001172)

[6A.6.1 Regulatory asset base 900](#_Toc256001173)

[6A.6.2 Return on capital 901](#_Toc256001174)

[6A.6.3 Depreciation 901](#_Toc256001175)

[6A.6.4 Estimated cost of corporate income tax 902](#_Toc256001176)

[6A.6.5 Efficiency benefit sharing scheme 903](#_Toc256001177)

[6A.6.5A Capital expenditure sharing scheme 904](#_Toc256001178)

[6A.6.6 Forecast operating expenditure 905](#_Toc256001179)

[6A.6.7 Forecast capital expenditure 907](#_Toc256001180)

[6A.6.8 The X factor 911](#_Toc256001181)

[6A.6.9 Pass through events 912](#_Toc256001182)

[6A.7 Matters relevant to the adjustment of revenue cap after making of revenue determination 912](#_Toc256001183)

[6A.7.1 Reopening of revenue determination for capital expenditure 912](#_Toc256001184)

[6A.7.2 Network support pass through 915](#_Toc256001185)

[6A.7.3 Cost pass through 916](#_Toc256001186)

[6A.7.4 Service target performance incentive scheme 922](#_Toc256001187)

[6A.7.5 Small-scale incentive scheme 923](#_Toc256001188)

[6A.7.6 Demand management innovation allowance mechanism 924](#_Toc256001189)

[6A.8 Contingent Projects 925](#_Toc256001190)

[6A.8.A1 Eligibility for consideration as a contingent project 925](#_Toc256001191)

[6A.8.1 Acceptance of a Contingent Project in a revenue determination 925](#_Toc256001192)

[6A.8.2 Amendment of revenue determination for contingent project 927](#_Toc256001193)

[Part D [Deleted] 932](#_Toc256001194)

[Part E Procedure - Revenue determinations and pricing methodologies 932](#_Toc256001195)

[6A.10 Revenue Proposal and proposed pricing methodology 932](#_Toc256001196)

[6A.10.1A AER's framework and approach paper 932](#_Toc256001197)

[6A.10.1B Notification of approach to forecasting expenditure 934](#_Toc256001198)

[6A.10.1 Submission of proposal, pricing methodology and information 934](#_Toc256001199)

[6A.10.2 [Deleted] 935](#_Toc256001200)

[6A.11 Preliminary examination and consultation 935](#_Toc256001201)

[6A.11.1 Preliminary examination and determination of non-compliance with relevant requirements 935](#_Toc256001202)

[6A.11.2 Resubmission of proposal, framework, pricing methodology or information 936](#_Toc256001203)

[6A.11.2A Confidential information 936](#_Toc256001204)

[6A.11.3 Consultation 936](#_Toc256001205)

[6A.12 Draft decision and further consultation 937](#_Toc256001206)

[6A.12.1 Making of draft decision 937](#_Toc256001207)

[6A.12.2 Publication of draft decision and consultation 938](#_Toc256001208)

[6A.12.3 Submission of revised proposal or pricing methodology 938](#_Toc256001209)

[6A.12.4 Submissions on specified matters 939](#_Toc256001210)

[6A.13 Final decision 940](#_Toc256001211)

[6A.13.1 Making of final decision 940](#_Toc256001212)

[6A.13.2 Refusal to approve amounts, values, framework or pricing methodology 940](#_Toc256001213)

[6A.13.2A Out of scope revised documents or late submissions 941](#_Toc256001214)

[6A.13.3 Notice of final decision 942](#_Toc256001215)

[6A.13.4 Making of transmission determination 942](#_Toc256001216)

[6A.14 Requirements relating to draft and final decisions 942](#_Toc256001217)

[6A.14.1 Contents of decisions 942](#_Toc256001218)

[6A.14.2 Reasons for decisions 944](#_Toc256001219)

[6A.14.3 Circumstances in which matters must be approved or accepted 944](#_Toc256001220)

[6A.15 Revocation of revenue determination or amendment of pricing methodology for wrong information or error 947](#_Toc256001221)

[6A.16 Miscellaneous 947](#_Toc256001222)

[6A.16A Transmission Confidentiality Guidelines 948](#_Toc256001223)

[Part F Information Disclosure 948](#_Toc256001224)

[6A.17 Information disclosure by Transmission Network Service Providers 948](#_Toc256001225)

[6A.17.1 Information to be provided to AER 948](#_Toc256001226)

[6A.17.2 Information Guidelines 949](#_Toc256001227)

[6A.18 [Deleted] 951](#_Toc256001228)

[Part G Cost Allocation 951](#_Toc256001229)

[6A.19 Cost allocation 951](#_Toc256001230)

[6A.19.1 Duty to comply with Cost Allocation Methodology 951](#_Toc256001231)

[6A.19.2 Cost Allocation Principles 951](#_Toc256001232)

[6A.19.3 Cost Allocation Guidelines 952](#_Toc256001233)

[6A.19.4 Cost Allocation Methodology 952](#_Toc256001234)

[Part H Transmission Consultation Procedures 953](#_Toc256001235)

[6A.20 Transmission consultation procedures 953](#_Toc256001236)

[Part I Ring-Fencing Arrangements for Transmission Network Service Providers 955](#_Toc256001237)

[6A.21 Transmission Ring-Fencing Guidelines 955](#_Toc256001238)

[6A.21.1 Compliance with Transmission Ring-Fencing Guidelines 955](#_Toc256001239)

[6A.21.2 Development of Transmission Ring-Fencing Guidelines 955](#_Toc256001240)

[Part J Prescribed Transmission Services - Regulation of Pricing 956](#_Toc256001241)

[6A.22 Terms used in Part J 956](#_Toc256001242)

[6A.22.1 Aggregate annual revenue requirement (AARR) 956](#_Toc256001243)

[6A.22.2 Annual service revenue requirement (ASRR) 957](#_Toc256001244)

[6A.22.3 Meaning of attributable cost share 957](#_Toc256001245)

[6A.22.4 Meaning of attributable connection point cost share 957](#_Toc256001246)

[6A.23 Pricing Principles for Prescribed Transmission Services 957](#_Toc256001247)

[6A.23.1 Introduction 957](#_Toc256001248)

[6A.23.2 Principles for the allocation of the aggregate annual revenue requirement 958](#_Toc256001249)

[6A.23.3 Principles for the allocation of the annual service revenue requirement to connection points 958](#_Toc256001250)

[6A.23.4 Principles for the recovery of the Annual Service Revenue Requirement as prices 961](#_Toc256001251)

[6A.24 Pricing methodology 962](#_Toc256001252)

[6A.24.1 Pricing methodologies generally 962](#_Toc256001253)

[6A.24.2 Publication of pricing methodology and transmission network prices 964](#_Toc256001254)

[6A.24.3 Basis for setting prices pending approval of pricing methodology 964](#_Toc256001255)

[6A.24.4 Basis for setting prices pending approval of maximum allowed revenue 965](#_Toc256001256)

[6A.25 Pricing methodology guidelines for prescribed transmission services 966](#_Toc256001257)

[6A.25.1 Making and amending of pricing methodology guidelines 966](#_Toc256001258)

[6A.25.2 Contents of pricing methodology guidelines 966](#_Toc256001259)

[6A.26 Prudent discounts 967](#_Toc256001260)

[6A.26.1 Agreements for prudent discounts for prescribed transmission services 967](#_Toc256001261)

[6A.26.2 Application to AER for approval of proposed prudent discount amounts 968](#_Toc256001262)

[6A.27 Billing Process 970](#_Toc256001263)

[6A.27.1 Billing for prescribed transmission services 970](#_Toc256001264)

[6A.27.1A Billing of modified load export charges 970](#_Toc256001265)

[6A.27.2 Minimum information to be provided in network service bills 970](#_Toc256001266)

[6A.27.3 Obligation to pay charges for prescribed transmission services 971](#_Toc256001267)

[6A.27.4 Payments between Transmission Network Service Providers in the same region 971](#_Toc256001268)

[6A.27.5 Calculation of financial transfers between Transmission Network Service Providers in the same region 971](#_Toc256001269)

[6A.28 Prudential Requirements 972](#_Toc256001270)

[6A.28.1 Prudential Requirements for prescribed transmission services 972](#_Toc256001271)

[6A.28.2 Capital contribution or prepayment for a specific asset 972](#_Toc256001272)

[6A.28.3 Treatment of past capital contributions 972](#_Toc256001273)

[6A.29 Multiple Transmission Network Service Providers 972](#_Toc256001274)

[6A.29.1 Multiple Transmission Network Service Providers within a region 972](#_Toc256001275)

[6A.29.2 Single Transmission Network Service Provider within a region 973](#_Toc256001276)

[6A.29.3 Allocation over several regions 973](#_Toc256001277)

[6A.29A Modified load export charges 974](#_Toc256001278)

[6A.29A.1 Single Transmission Network Service Provider in a Region 974](#_Toc256001279)

[6A.29A.2 Calculation of the modified load export charges 974](#_Toc256001280)

[6A.29A.3 Calculation of adjustments to the modified load export charge 975](#_Toc256001281)

[6A.29A.4 Billing the modified load export charge 975](#_Toc256001282)

[6A.29A.5 Allocation and billing process where multiple Transmission Network Service Providers in a Region 975](#_Toc256001283)

[Part K Commercial arbitration for disputes about terms and conditions of access for prescribed and negotiated transmission services 976](#_Toc256001284)

[[Deleted] 976](#_Toc256001285)

[Part L Annual Benchmarking Report 976](#_Toc256001286)

[6A.31 Annual Benchmarking Report 976](#_Toc256001287)

[Schedule 6A.1 Contents of Revenue Proposals 976](#_Toc256001288)

[S6A.1.1 Information and matters relating to capital expenditure 976](#_Toc256001289)

[S6A.1.2 Information and matters relating to operating expenditure 977](#_Toc256001290)

[S6A.1.3 Additional information and matters 978](#_Toc256001291)

[Schedule 6A.2 Regulatory Asset Base 980](#_Toc256001292)

[S6A.2.1 Establishment of opening regulatory asset base for a regulatory control period 980](#_Toc256001293)

[S6A.2.2 Prudency and efficiency of capital expenditure 985](#_Toc256001294)

[S6A.2.2A Reduction for inefficient past capital expenditure 986](#_Toc256001295)

[S6A.2.2B Depreciation 988](#_Toc256001296)

[S6A.2.3 Removal of assets from regulatory asset base 988](#_Toc256001297)

[S6A.2.4 Roll forward of regulatory asset base within the same regulatory control period 989](#_Toc256001298)

[Schedule 6A.3 CRNP methodology and modified CRNP methodology 990](#_Toc256001299)

[S6A.3.1 Meaning of optimised replacement cost 990](#_Toc256001300)

[S6A.3.2 CRNP methodology 990](#_Toc256001301)

[S6A.3.3 Modified CRNP methodology 991](#_Toc256001302)

[Schedule 6A.4 Application of this Chapter to AEMO and declared transmission system operators 992](#_Toc256001303)

[S6A.4.1 Application of this Chapter to AEMO etc 992](#_Toc256001304)

[S6A.4.2 Exclusions, qualifications and modifications 992](#_Toc256001305)

[6B. Retail markets 1001](#_Toc256001306)

[Part A Retail support 1001](#_Toc256001307)

[Division 1 Application and definitions 1001](#_Toc256001308)

[6B.A1.1 Application of this Part 1001](#_Toc256001309)

[6B.A1.2 Definitions 1001](#_Toc256001310)

[Division 2 Billing and payment rules 1001](#_Toc256001311)

[6B.A2.1 Obligation to pay 1001](#_Toc256001312)

[6B.A2.2 Direct customer billing and energy-only contracts 1002](#_Toc256001313)

[6B.A2.3 Calculating network charges 1002](#_Toc256001314)

[6B.A2.4 Statement of charges 1002](#_Toc256001315)

[6B.A2.5 Time and manner of payment 1003](#_Toc256001316)

[Division 3 Matters incidental to billing and payment 1003](#_Toc256001317)

[6B.A3.1 Adjustment of network charges 1003](#_Toc256001318)

[6B.A3.2 Tariff reassignment 1003](#_Toc256001319)

[6B.A3.3 Disputed statements of charges 1004](#_Toc256001320)

[6B.A3.4 Interest 1005](#_Toc256001321)

[6B.A3.5 Notification of changes to charges 1005](#_Toc256001322)

[Part B Credit support required for late payment 1006](#_Toc256001323)

[Division 1 Application and definitions 1006](#_Toc256001324)

[6B.B1.1 Application of Part B 1006](#_Toc256001325)

[6B.B1.2 Definitions 1006](#_Toc256001326)

[Division 2 Requirements for credit support 1006](#_Toc256001327)

[6B.B2.1 Distribution Network Service Provider may require credit support in limited circumstances 1006](#_Toc256001328)

[Division 3 Provision of credit support by retailers 1007](#_Toc256001329)

[6B.B3.1 Retailer to provide credit support 1007](#_Toc256001330)

[6B.B3.2 Acceptable form of credit support 1007](#_Toc256001331)

[Division 4 Other Rules relating to credit support 1008](#_Toc256001332)

[6B.B4.1 Application of credit support 1008](#_Toc256001333)

[6B.B4.2 Return of credit support 1008](#_Toc256001334)

[6B.B4.3 Other retailer obligations 1008](#_Toc256001335)

[Schedule 6B.1 Prescribed form of unconditional undertaking for credit support 1008](#_Toc256001336)

[7. Metering 1013](#_Toc256001337)

[Part A Introduction 1013](#_Toc256001338)

[7.1 Introduction to the Metering Chapter 1013](#_Toc256001339)

[7.1.1 Contents 1013](#_Toc256001340)

[Part B Roles and Responsibilities 1013](#_Toc256001341)

[7.2 Role and Responsibility of financially responsible Market Participant 1013](#_Toc256001342)

[7.2.1 Obligations of financially responsible Market Participants to establish metering installations 1013](#_Toc256001343)

[7.2.2 [Not used] 1014](#_Toc256001344)

[7.2.3 Agreements with Local Network Service Provider 1014](#_Toc256001345)

[7.2.4 [Not used] 1014](#_Toc256001346)

[7.2.5 Agreements with Metering Provider 1014](#_Toc256001347)

[7.3 Role and Responsibility of Metering Coordinator 1014](#_Toc256001348)

[7.3.1 Responsibility of the Metering Coordinator 1014](#_Toc256001349)

[7.3.2 Role of the Metering Coordinator 1015](#_Toc256001350)

[7.4 Qualification and Registration of Metering Providers, Metering Data Providers and Embedded Network Managers 1018](#_Toc256001351)

[7.4.1 Qualifications and registration of Metering Providers 1018](#_Toc256001352)

[7.4.2 Qualifications and registration of Metering Data Providers 1019](#_Toc256001353)

[7.4.2A Qualifications and registration of Embedded Network Managers 1019](#_Toc256001354)

[7.4.2B List of Embedded Network Managers 1020](#_Toc256001355)

[7.4.3 Nature of appointment of Metering Provider or Metering Data Provider 1020](#_Toc256001356)

[7.4.4 Deregistration of Metering Providers, Metering Data Providers and Embedded Network Managers 1020](#_Toc256001357)

[7.5 Role and Responsibility of AEMO 1022](#_Toc256001358)

[7.5.1 Responsibility of AEMO for the collection, processing and delivery of metering data 1022](#_Toc256001359)

[7.5.2 AEMO's costs in connection with metering installation 1023](#_Toc256001360)

[7.5A Role and Responsibility of Embedded Network Managers 1023](#_Toc256001361)

[7.5A.1 Responsibility of Embedded Network Managers for management services 1023](#_Toc256001362)

[7.5A.2 EN information 1023](#_Toc256001363)

[Part C Appointment of Metering Coordinator 1024](#_Toc256001364)

[7.6 Appointment of Metering Coordinator 1024](#_Toc256001365)

[7.6.1 Commercial nature of the Metering Coordinator appointment and service provision 1024](#_Toc256001366)

[7.6.2 Persons who may appoint Metering Coordinators 1024](#_Toc256001367)

[7.6.3 Appointment with respect to transmission network connection 1025](#_Toc256001368)

[7.6.4 Type 7 metering installations 1025](#_Toc256001369)

[7.7 Metering Coordinator default arrangements 1026](#_Toc256001370)

[7.7.1 Obligations of financially responsible Market Participants on Metering Coordinator default event and end of contract term 1026](#_Toc256001371)

[7.7.2 Notices to be provided by Metering Coordinator 1027](#_Toc256001372)

[7.7.3 AEMO may issue breach notice 1027](#_Toc256001373)

[Part D Metering installation 1028](#_Toc256001374)

[7.8 Metering installation arrangements 1028](#_Toc256001375)

[7.8.1 Metering installation requirements 1028](#_Toc256001376)

[7.8.2 Metering installation components 1029](#_Toc256001377)

[7.8.3 Small customer metering installations 1033](#_Toc256001378)

[7.8.4 Type 4A metering installation 1033](#_Toc256001379)

[7.8.5 Emergency management 1036](#_Toc256001380)

[7.8.6 Network devices 1036](#_Toc256001381)

[7.8.7 Metering point 1039](#_Toc256001382)

[7.8.8 Metering installation types and accuracy 1039](#_Toc256001383)

[7.8.9 Meter churn 1040](#_Toc256001384)

[7.8.10 Metering installation malfunctions 1040](#_Toc256001385)

[7.8.10A Timeframes for meters to be installed – new connection 1042](#_Toc256001386)

[7.8.10B Timeframes for meters to be installed – where a connection service is not required 1043](#_Toc256001387)

[7.8.10C Timeframes for meters to be installed – where a connection alteration is required 1044](#_Toc256001388)

[7.8.11 Changes to metering equipment, parameters and settings within a metering installation 1046](#_Toc256001389)

[7.8.12 Special site or technology related conditions 1046](#_Toc256001390)

[7.8.13 Joint metering installations 1047](#_Toc256001391)

[7.9 Inspection, Testing and Audit of Metering installations 1048](#_Toc256001392)

[7.9.1 Responsibility for testing 1048](#_Toc256001393)

[7.9.2 Actions in event of non-compliance 1050](#_Toc256001394)

[7.9.3 Audits of information held in metering installations 1050](#_Toc256001395)

[7.9.4 Errors found in metering tests, inspections or audits 1051](#_Toc256001396)

[7.9.5 Retention of test records and documents 1052](#_Toc256001397)

[7.9.6 Metering installation registration process 1053](#_Toc256001398)

[Part E Metering Data 1053](#_Toc256001399)

[7.10 Metering Data Services 1053](#_Toc256001400)

[7.10.1 Metering Data Services 1053](#_Toc256001401)

[7.10.2 Data management and storage 1054](#_Toc256001402)

[7.10.3 Provision of metering data to certain persons 1055](#_Toc256001403)

[7.10.4 Use of check metering data 1055](#_Toc256001404)

[7.10.5 Periodic energy metering 1056](#_Toc256001405)

[7.10.6 Time settings 1056](#_Toc256001406)

[7.10.7 Metering data performance standards 1057](#_Toc256001407)

[7.11 Metering data and database 1058](#_Toc256001408)

[7.11.1 Metering database 1058](#_Toc256001409)

[7.11.2 Data validation, substitution and estimation 1059](#_Toc256001410)

[7.11.3 Changes to energy data or to metering data 1060](#_Toc256001411)

[7.12 Register of Metering Information 1060](#_Toc256001412)

[7.12.1 Metering register 1060](#_Toc256001413)

[7.12.2 Metering register discrepancy 1060](#_Toc256001414)

[7.13 Disclosure of NMI information 1061](#_Toc256001415)

[7.13.1 Application of this Rule 1061](#_Toc256001416)

[7.13.2 NMI and NMI checksum 1061](#_Toc256001417)

[7.13.3 NMI Standing Data 1061](#_Toc256001418)

[7.14 Metering data provision to retail customers 1061](#_Toc256001419)

[Part F Security of metering installation and energy data 1062](#_Toc256001420)

[7.15 Security of metering installation and energy data 1062](#_Toc256001421)

[7.15.1 Confidentiality 1062](#_Toc256001422)

[7.15.2 Security of metering installations 1063](#_Toc256001423)

[7.15.3 Security controls for energy data 1063](#_Toc256001424)

[7.15.4 Additional security controls for small customer metering installations 1065](#_Toc256001425)

[7.15.5 Access to data 1066](#_Toc256001426)

[Part G Procedures 1067](#_Toc256001427)

[7.16 Procedures 1067](#_Toc256001428)

[7.16.1 Obligation to establish, maintain and publish procedures 1067](#_Toc256001429)

[7.16.2 Market Settlement and Transfer Solution Procedures 1068](#_Toc256001430)

[7.16.3 Requirements of the metrology procedure 1068](#_Toc256001431)

[7.16.4 Jurisdictional metrology material in metrology procedure 1070](#_Toc256001432)

[7.16.5 Additional metrology procedure matters 1071](#_Toc256001433)

[7.16.6 Requirements of the service level procedures 1072](#_Toc256001434)

[7.16.6A Requirements of the ENM service level procedures 1073](#_Toc256001435)

[7.16.6B Guide to embedded networks 1074](#_Toc256001436)

[7.16.7 Amendment of procedures in the Metering Chapter 1074](#_Toc256001437)

[7.16.8 National Measurement Act 1075](#_Toc256001438)

[Part H B2B Requirements 1075](#_Toc256001439)

[7.17 B2B Arrangements 1075](#_Toc256001440)

[7.17.1 B2B e-Hub 1075](#_Toc256001441)

[7.17.2 B2B e-Hub Participants 1076](#_Toc256001442)

[7.17.3 Content of the B2B Procedures 1077](#_Toc256001443)

[7.17.4 Changing B2B Procedures 1077](#_Toc256001444)

[7.17.5 B2B Decision 1080](#_Toc256001445)

[7.17.6 Establishment of Information Exchange Committee 1081](#_Toc256001446)

[7.17.7 Functions and powers of Information Exchange Committee 1082](#_Toc256001447)

[7.17.8 Obligations of Members 1082](#_Toc256001448)

[7.17.9 Meetings of Information Exchange Committee 1083](#_Toc256001449)

[7.17.10 Nomination, election and appointment of Members 1084](#_Toc256001450)

[7.17.11 Qualifications of Members 1085](#_Toc256001451)

[7.17.12 Information Exchange Committee Election Procedures and Information Exchange Committee Operating Manual 1086](#_Toc256001452)

[7.17.13 Cost Recovery 1086](#_Toc256001453)

[Schedule 7.1 Metering register 1087](#_Toc256001454)

[S7.1.1 General 1087](#_Toc256001455)

[S7.1.2 Metering register information 1087](#_Toc256001456)

[Schedule 7.2 Metering Provider 1088](#_Toc256001457)

[S7.2.1 General 1088](#_Toc256001458)

[S7.2.2 Categories of registration 1089](#_Toc256001459)

[S7.2.3 Capabilities of Metering Providers for metering installations types 1, 2, 3, 4 and 4A 1090](#_Toc256001460)

[S7.2.4 Capabilities of Metering Providers for metering installations types 5 and 6 1092](#_Toc256001461)

[S7.2.5 Capabilities of Metering Providers for small customer metering installations 1093](#_Toc256001462)

[S7.2.6 Capabilities of the Accredited Service Provider category 1093](#_Toc256001463)

[Schedule 7.3 Metering Data Provider 1093](#_Toc256001464)

[S7.3.1 General 1093](#_Toc256001465)

[S7.3.2 Categories of registration 1093](#_Toc256001466)

[S7.3.3 Capabilities of Metering Data Providers 1094](#_Toc256001467)

[S7.3.4 Capabilities of Metering Data Providers for small customer metering installations 1096](#_Toc256001468)

[Schedule 7.4 Types and Accuracy of Metering installations 1096](#_Toc256001469)

[S7.4.1 General requirements 1096](#_Toc256001470)

[S7.4.2 Metering installations commissioned prior to 13 December 1998 1096](#_Toc256001471)

[S7.4.3 Accuracy requirements for metering installations 1097](#_Toc256001472)

[S7.4.4 Check metering 1102](#_Toc256001473)

[S7.4.5 Resolution and accuracy of displayed or captured data 1103](#_Toc256001474)

[S7.4.6 General design standards 1103](#_Toc256001475)

[S7.4.6.1 Design requirements 1103](#_Toc256001476)

[S7.4.6.2 Design guidelines 1104](#_Toc256001477)

[Schedule 7.5 Requirements of minimum services specification 1105](#_Toc256001478)

[S7.5.1 Minimum services specification 1105](#_Toc256001479)

[Schedule 7.6 Inspection and Testing Requirements 1108](#_Toc256001480)

[S7.6.1 General 1108](#_Toc256001481)

[S7.6.2 Technical Guidelines 1110](#_Toc256001482)

[Schedule 7.7 Embedded Network Managers 1111](#_Toc256001483)

[S7.7.1 General 1111](#_Toc256001484)

[S7.7.2 Capabilities of Embedded Network Managers 1111](#_Toc256001485)

[8. Administrative Functions 1115](#_Toc256001486)

[Part A Introductory 1115](#_Toc256001487)

[8.1 Administrative functions 1115](#_Toc256001488)

[8.1.1 [Deleted] 1115](#_Toc256001489)

[8.1.2 [Deleted] 1115](#_Toc256001490)

[8.1.3 Structure of this Chapter 1115](#_Toc256001491)

[Part B Disputes 1115](#_Toc256001492)

[8.2 Dispute Resolution 1115](#_Toc256001493)

[8.2.1 Application and guiding principles 1115](#_Toc256001494)

[8.2.2 The Dispute Resolution Adviser 1118](#_Toc256001495)

[8.2.3 Dispute management systems of Registered Participants and AEMO 1119](#_Toc256001496)

[8.2.4 Stage 1 - dispute resolution through Registered Participants' DMS 1120](#_Toc256001497)

[8.2.5 Stage 2 - dispute resolution process 1121](#_Toc256001498)

[8.2.6A Establishment of Dispute Resolution Panel 1122](#_Toc256001499)

[8.2.6B Parties to DRP Proceedings 1123](#_Toc256001500)

[8.2.6C Proceedings of the DRP 1124](#_Toc256001501)

[8.2.6D Decisions of the DRP 1125](#_Toc256001502)

[8.2.6 [Deleted] 1125](#_Toc256001503)

[8.2.7 Legal representation 1125](#_Toc256001504)

[8.2.8 Cost of dispute resolution 1126](#_Toc256001505)

[8.2.9 Effect of resolution 1126](#_Toc256001506)

[8.2.10 Recording and publication 1127](#_Toc256001507)

[8.2.11 Appeals on questions of law 1127](#_Toc256001508)

[8.2.12 [Deleted] 1127](#_Toc256001509)

[8.2A B2B Determination Disputes 1127](#_Toc256001510)

[8.2A.1 Application of rule 8.2 1127](#_Toc256001511)

[8.2A.2 How rule 8.2 applies 1127](#_Toc256001512)

[8.3 Power to make Electricity Procedures 1130](#_Toc256001513)

[8.4 [Deleted] 1130](#_Toc256001514)

[8.5 [Deleted] 1130](#_Toc256001515)

[Part C Registered Participants' confidentiality obligations 1130](#_Toc256001516)

[8.6 Confidentiality 1130](#_Toc256001517)

[8.6.1 Confidentiality 1130](#_Toc256001518)

[8.6.1A Application 1131](#_Toc256001519)

[8.6.2 Exceptions 1131](#_Toc256001520)

[8.6.3 Conditions 1132](#_Toc256001521)

[8.6.4 [Deleted] 1133](#_Toc256001522)

[8.6.5 Indemnity to AER, AEMC and AEMO 1133](#_Toc256001523)

[8.6.6 AEMO information 1133](#_Toc256001524)

[8.6.7 Information on Rules Bodies 1133](#_Toc256001525)

[Part D Monitoring and reporting 1133](#_Toc256001526)

[8.7 Monitoring and Reporting 1133](#_Toc256001527)

[8.7.1 Monitoring 1133](#_Toc256001528)

[8.7.2 Reporting requirements and monitoring standards for Registered Participants and AEMO 1134](#_Toc256001529)

[8.7.3 Consultation required for making general regulatory information order (Section 28H of the NEL) 1136](#_Toc256001530)

[8.7.4 Preparation of network service provider performance report (Section 28V of the NEL) 1137](#_Toc256001531)

[8.7.5 [Deleted] 1137](#_Toc256001532)

[8.7.6 Recovery of reporting costs 1137](#_Toc256001533)

[Part E Reliability panel 1138](#_Toc256001534)

[8.8 Reliability Panel 1138](#_Toc256001535)

[8.8.1 Purpose of Reliability Panel 1138](#_Toc256001536)

[8.8.2 Constitution of the Reliability Panel 1139](#_Toc256001537)

[8.8.3 Reliability Panel review process 1141](#_Toc256001538)

[8.8.4 Determination of protected events 1144](#_Toc256001539)

[Part F Rules consultation procedures 1145](#_Toc256001540)

[8.9 Rules Consultation Procedures 1145](#_Toc256001541)

[Part G Consumer advocacy funding 1147](#_Toc256001542)

[8.10 Consumer advocacy funding obligation 1147](#_Toc256001543)

[Part H Augmentations 1148](#_Toc256001544)

[8.11 Augmentations 1148](#_Toc256001545)

[8.11.1 Application 1148](#_Toc256001546)

[8.11.2 Object 1148](#_Toc256001547)

[8.11.3 Definitions 1148](#_Toc256001548)

[8.11.4 Planning criteria 1149](#_Toc256001549)

[8.11.5 Construction of augmentation that is not a contestable augmentation 1149](#_Toc256001550)

[8.11.6 Contestable augmentations 1150](#_Toc256001551)

[8.11.7 Construction and operation of contestable augmentation 1150](#_Toc256001552)

[8.11.8 Funded augmentations that are not subject to the tender process 1152](#_Toc256001553)

[8.11.9 Contractual requirements and principles 1153](#_Toc256001554)

[8.11.10 Annual planning review 1153](#_Toc256001555)

[Schedule 8.11 Principles to be reflected in agreements relating to contestable augmentations 1154](#_Toc256001556)

[S8.11.1 Risk allocation 1154](#_Toc256001557)

[S8.11.2 Minimum requirements for agreements relating to contestable augmentation 1155](#_Toc256001558)

[S8.11.3 Matters to be dealt with in relevant agreements 1155](#_Toc256001559)

[Part I Values of customer reliability 1156](#_Toc256001560)

[8.12 Development of methodology and publication of values of customer reliability 1156](#_Toc256001561)

[8A. Participant Derogations 1161](#_Toc256001562)

[Part 1 Derogations Granted to TransGrid 1161](#_Toc256001563)

[8A.1 [Deleted] 1161](#_Toc256001564)

[Part 2 Derogations Granted to EnergyAustralia 1161](#_Toc256001565)

[8A.2 [Deleted] 1161](#_Toc256001566)

[8A.2A [Deleted] 1161](#_Toc256001567)

[Part 3 [Deleted] 1161](#_Toc256001568)

[Part 4 [Deleted] 1161](#_Toc256001569)

[Part 5 [Deleted] 1161](#_Toc256001570)

[Part 6 Derogations Granted to Victorian Market Participants 1161](#_Toc256001571)

[Part 7 [Deleted] 1162](#_Toc256001572)

[Part 8 [Deleted] 1162](#_Toc256001573)

[Part 9 [Deleted] 1162](#_Toc256001574)

[Part 10 [Deleted] 1162](#_Toc256001575)

[Part 11 [Deleted] 1162](#_Toc256001576)

[Part 12 [Deleted] 1162](#_Toc256001577)

[Part 13 Derogation granted to Aurora Energy (Tamar Valley) Pty Ltd 1162](#_Toc256001578)

[8A.13 [Deleted] 1162](#_Toc256001579)

[Part 14 Derogations granted to Ausgrid, Endeavour Energy and Essential Energy 1162](#_Toc256001580)

[8A.14 Derogations from Chapter 6 for the current regulatory control period and subsequent regulatory control period 1162](#_Toc256001581)

[8A.14.1 Definitions 1162](#_Toc256001582)

[8A.14.2 Expiry date 1166](#_Toc256001583)

[8A.14.3 Application of Rule 8A.14 1166](#_Toc256001584)

[8A.14.4 Recovery of revenue across the current regulatory control period and subsequent regulatory control period 1167](#_Toc256001585)

[8A.14.5 Recovery of revenue in subsequent regulatory control period only and no reopening of subsequent distribution determination required 1168](#_Toc256001586)

[8A.14.6 Recovery of revenue in subsequent regulatory control period only and reopening of distribution determination is required 1169](#_Toc256001587)

[8A.14.7 Requirements for adjustment determination 1170](#_Toc256001588)

[8A.14.8 Application of Chapter 6 under participant derogation 1171](#_Toc256001589)

[Part 15 Derogations granted to ActewAGL 1172](#_Toc256001590)

[8A.15 Derogations from Chapter 6 for the current regulatory control period and subsequent regulatory control period 1172](#_Toc256001591)

[8A.15.1 Definitions 1172](#_Toc256001592)

[8A.15.2 Expiry date 1176](#_Toc256001593)

[8A.15.3 Application of Rule 8A.15 1176](#_Toc256001594)

[8A.15.4 Recovery of revenue across the current regulatory control period and subsequent regulatory control period 1176](#_Toc256001595)

[8A.15.5 Recovery of revenue in subsequent regulatory control period only and no reopening of subsequent distribution determination required 1178](#_Toc256001596)

[8A.15.6 Recovery of revenue in subsequent regulatory control period only and reopening of distribution determination is required 1179](#_Toc256001597)

[8A.15.7 Requirements for adjustment determination 1181](#_Toc256001598)

[8A.15.8 Application of Chapter 6 under participant derogation 1181](#_Toc256001599)

[9. Jurisdictional Derogations and Transitional Arrangements 1187](#_Toc256001600)

[9.1 Purpose and Application 1187](#_Toc256001601)

[9.1.1 Purpose 1187](#_Toc256001602)

[9.1.2 Jurisdictional Derogations 1187](#_Toc256001603)

[Part A Jurisdictional Derogations for Victoria 1187](#_Toc256001604)

[9.2 [Deleted] 1187](#_Toc256001605)

[9.3 Definitions 1187](#_Toc256001606)

[9.3.1 General Definitions 1187](#_Toc256001607)

[9.3.2 [Deleted] 1189](#_Toc256001608)

[9.3A Fault levels 1189](#_Toc256001609)

[9.4 Transitional Arrangements for Chapter 2 - Registered Participants, Registration and Cross Border Networks 1190](#_Toc256001610)

[9.4.1 [Deleted] 1190](#_Toc256001611)

[9.4.2 Smelter Trader 1190](#_Toc256001612)

[9.4.3 Smelter Trader: compliance 1190](#_Toc256001613)

[9.4.4 Report from AER 1193](#_Toc256001614)

[9.4.5 Cross Border Networks 1193](#_Toc256001615)

[9.5 Transitional Arrangements for Chapter 3 – Reliability and Emergency Reserve Trader 1194](#_Toc256001616)

[9.5.1 Definition 1194](#_Toc256001617)

[9.5.2 Expiry date 1194](#_Toc256001618)

[9.5.3 Multi-year Victorian contracts – term and volume 1194](#_Toc256001619)

[9.5.4 Multi-year Victorian contracts - reporting 1194](#_Toc256001620)

[9.6 Transitional Arrangements for Chapter 4 - System Security 1195](#_Toc256001621)

[9.6.1 Operating Procedures (clause 4.10.1) 1195](#_Toc256001622)

[9.6.2 Nomenclature Standards (clause 4.12) 1195](#_Toc256001623)

[9.7 Transitional Arrangements for Chapter 5 - Network Connection 1196](#_Toc256001624)

[9.7.1 [Deleted] 1196](#_Toc256001625)

[9.7.2 [Deleted] 1196](#_Toc256001626)

[9.7.3 [Deleted] 1196](#_Toc256001627)

[9.7.4 Regulation of Distribution Network Connection 1196](#_Toc256001628)

[9.7.5 [Deleted] 1197](#_Toc256001629)

[9.7.6 [Deleted] 1197](#_Toc256001630)

[9.7.7 [Deleted] 1197](#_Toc256001631)

[9.8 Transitional Arrangements for Chapter 6 - Network Pricing 1197](#_Toc256001632)

[9.8.1 [Deleted] 1197](#_Toc256001633)

[9.8.2 [Deleted] 1197](#_Toc256001634)

[9.8.3 [Deleted] 1197](#_Toc256001635)

[9.8.4 Transmission Network Pricing 1197](#_Toc256001636)

[9.8.4A [Deleted] 1198](#_Toc256001637)

[9.8.4B [Deleted] 1198](#_Toc256001638)

[9.8.4C [Deleted] 1198](#_Toc256001639)

[9.8.4D [Deleted] 1198](#_Toc256001640)

[9.8.4E [Deleted] 1198](#_Toc256001641)

[9.8.4F [Deleted] 1198](#_Toc256001642)

[9.8.4G [Deleted] 1198](#_Toc256001643)

[9.8.5 [Deleted] 1198](#_Toc256001644)

[9.8.6 [Deleted] 1198](#_Toc256001645)

[9.8.7 Distribution network pricing – transitional application of former Chapter 6 1198](#_Toc256001646)

[9.8.8 Exclusion of AER's power to aggregate distribution systems and parts of distribution systems 1199](#_Toc256001647)

[9.9 Transitional Arrangements for Chapter 7 - Metering 1200](#_Toc256001648)

[9.9.1 Metering Installations To Which This Schedule Applies 1200](#_Toc256001649)

[9.9.2 [Deleted] 1200](#_Toc256001650)

[9.9.3 [Deleted] 1200](#_Toc256001651)

[9.9.4 [Deleted] 1200](#_Toc256001652)

[9.9.5 [Deleted] 1200](#_Toc256001653)

[9.9.6 [Deleted] 1200](#_Toc256001654)

[9.9.7 [Deleted] 1200](#_Toc256001655)

[9.9.8 [Deleted] 1200](#_Toc256001656)

[9.9.9 Periodic Energy Metering (clause 7.9.3) 1200](#_Toc256001657)

[9.9.10 Use of Alternate Technologies (clause 7.13) 1200](#_Toc256001658)

[9.9A [Deleted] 1201](#_Toc256001659)

[9.9B [Deleted] 1201](#_Toc256001660)

[9.9C [Deleted] 1201](#_Toc256001661)

[1. Interpretation of tables 1201](#_Toc256001662)

[2. Continuing effect 1201](#_Toc256001663)

[3. Subsequent agreement 1202](#_Toc256001664)

[4. [Deleted] 1202](#_Toc256001665)

[5. Reactive Power Capability (clause S5.2.5.1 of schedule 5.2) 1202](#_Toc256001666)

[6. [Deleted] 1203](#_Toc256001667)

[7. [Deleted] 1203](#_Toc256001668)

[8. [Deleted] 1203](#_Toc256001669)

[9. [Deleted] 1203](#_Toc256001670)

[10. [Deleted] 1203](#_Toc256001671)

[11. [Deleted 1203](#_Toc256001672)

[12. [Deleted] 1203](#_Toc256001673)

[13. Governor Systems (load control) (clause S5.2.5.11 of schedule 5.2) 1203](#_Toc256001674)

[14. [Deleted] 1203](#_Toc256001675)

[15. [Deleted] 1203](#_Toc256001676)

[16. Excitation Control System (clause S5.2.5.13 of schedule 5.2) 1203](#_Toc256001677)

[Part B Jurisdictional Derogations for New South Wales 1204](#_Toc256001678)

[9.10 [Deleted] 1204](#_Toc256001679)

[9.11 Definitions 1204](#_Toc256001680)

[9.11.1 Definitions used in this Part B 1204](#_Toc256001681)

[9.12 Transitional Arrangements for Chapter 2 - Generators, Registered Participants, Registration and Cross Border Networks 1205](#_Toc256001682)

[9.12.1 [Deleted] 1205](#_Toc256001683)

[9.12.2 Customers 1205](#_Toc256001684)

[9.12.3 Power Traders 1205](#_Toc256001685)

[9.12.4 Cross Border Networks 1208](#_Toc256001686)

[9.13 [Deleted] 1209](#_Toc256001687)

[9.14 Transitional Arrangements for Chapter 4 - System Security 1209](#_Toc256001688)

[9.14.1 Power System Operating Procedures 1209](#_Toc256001689)

[9.15 NSW contestable services for Chapter 5A 1209](#_Toc256001690)

[9.15.1 Definitions 1209](#_Toc256001691)

[9.15.2 Chapter 5A not to apply to certain contestable services 1209](#_Toc256001692)

[9.16 Transitional Arrangements for Chapter 6 - Network Pricing 1209](#_Toc256001693)

[9.16.1 NSW contestable services 1209](#_Toc256001694)

[9.16.2 [Deleted] 1209](#_Toc256001695)

[9.16.3 Jurisdictional Regulator 1209](#_Toc256001696)

[9.16.4 Deemed Regulated Interconnector 1210](#_Toc256001697)

[9.16.5 [Deleted] 1210](#_Toc256001698)

[9.17 Transitional Arrangements for Chapter 7 - Metering 1210](#_Toc256001699)

[9.17.1 Extent of Derogations 1210](#_Toc256001700)

[9.17.2 Initial Registration (clause 7.1.2) 1210](#_Toc256001701)

[9.17.3 Amendments to Schedule 9G1 1210](#_Toc256001702)

[9.17.4 Compliance with AS/NZ ISO 9002 (clause S7.4.3(f) of schedule 7.4) 1211](#_Toc256001703)

[9.17A [Deleted] 1211](#_Toc256001704)

[9.18 [Deleted] 1211](#_Toc256001705)

[Part C Jurisdictional Derogations for the Australian Capital Territory 1211](#_Toc256001706)

[9.19 [Deleted] 1211](#_Toc256001707)

[9.20 Definitions and Transitional Arrangements for Cross-Border Networks 1211](#_Toc256001708)

[9.20.1 Definitions 1211](#_Toc256001709)

[9.20.2 Cross Border Networks 1211](#_Toc256001710)

[9.21 [Deleted] 1212](#_Toc256001711)

[9.22 [Deleted] 1212](#_Toc256001712)

[9.23 Transitional Arrangements for Chapter 6 - Network Pricing 1212](#_Toc256001713)

[9.23.1 [Deleted] 1212](#_Toc256001714)

[9.23.2 [Deleted] 1212](#_Toc256001715)

[9.23.3 [Deleted 1212](#_Toc256001716)

[9.23.4 [Deleted] 1212](#_Toc256001717)

[9.24 Transitional Arrangements 1212](#_Toc256001718)

[9.24.1 Chapter 7 - Metering 1212](#_Toc256001719)

[9.24.2 [Deleted] 1212](#_Toc256001720)

[9.24A [Deleted] 1212](#_Toc256001721)

[Part D Jurisdictional Derogations for South Australia 1212](#_Toc256001722)

[9.25 Definitions 1212](#_Toc256001723)

[9.25.1 [Deleted] 1212](#_Toc256001724)

[9.25.2 Definitions 1212](#_Toc256001725)

[9.26 Transitional Arrangements for Chapter 2 - Registered Participants, Registration And Cross Border Networks 1215](#_Toc256001726)

[9.26.1 Registration as a Generator 1215](#_Toc256001727)

[9.26.2 Registration as a Customer 1216](#_Toc256001728)

[9.26.3 Cross Border Networks 1216](#_Toc256001729)

[9.26.4 [Deleted] 1216](#_Toc256001730)

[9.26.5 Registration as a Network Service Provider 1216](#_Toc256001731)

[9.27 [Deleted] 1217](#_Toc256001732)

[9.28 Transitional Arrangements for Chapter 5 - Network Connection 1217](#_Toc256001733)

[9.28.1 Application of clause 5.2 1217](#_Toc256001734)

[9.28.2 [Deleted] 1218](#_Toc256001735)

[9.29 Transitional Arrangements for Chapter 6 - Economic Regulation of Distribution Services 1218](#_Toc256001736)

[9.29.1 [Deleted] 1218](#_Toc256001737)

[9.29.2 [Deleted] 1218](#_Toc256001738)

[9.29.3 [Deleted] 1218](#_Toc256001739)

[9.29.4 [Deleted] 1218](#_Toc256001740)

[9.29.5 Distribution Network Pricing – South Australia 1218](#_Toc256001741)

[9.29.6 Capital contributions, prepayments and financial guarantees 1219](#_Toc256001742)

[9.29.7 Ring fencing 1219](#_Toc256001743)

[9.29A Monitoring and reporting 1219](#_Toc256001744)

[9.30 Transitional Provisions 1220](#_Toc256001745)

[9.30.1 Chapter 7 - Metering 1220](#_Toc256001746)

[Part E Jurisdictional Derogations for Queensland 1220](#_Toc256001747)

[9.31 [Deleted] 1220](#_Toc256001748)

[9.32 Definitions and Interpretation 1220](#_Toc256001749)

[9.32.1 Definitions 1220](#_Toc256001750)

[9.32.2 Interpretation 1223](#_Toc256001751)

[9.33 Transitional Arrangements for Chapter 1 1223](#_Toc256001752)

[9.33.1 [Deleted] 1223](#_Toc256001753)

[9.34 Transitional Arrangements for Chapter 2 - Registered Participants and Registration 1223](#_Toc256001754)

[9.34.1 Application of the Rules in Queensland (clauses 2.2 and 2.5) 1223](#_Toc256001755)

[9.34.2 Stanwell Cross Border Leases (clause 2.2) 1223](#_Toc256001756)

[9.34.3 [Deleted] 1223](#_Toc256001757)

[9.34.4 Registration as a Customer (clause 2.3.1) 1223](#_Toc256001758)

[9.34.5 There is no clause 9.34.5 1224](#_Toc256001759)

[9.34.6 Exempted generation agreements (clause 2.2) 1224](#_Toc256001760)

[9.35 [Deleted] 1228](#_Toc256001761)

[9.36 [Deleted] 1228](#_Toc256001762)

[9.37 Transitional Arrangements for Chapter 5 - Network Connection 1228](#_Toc256001763)

[9.37.1 [Deleted] 1228](#_Toc256001764)

[9.37.2 Existing connection and access agreements (clause 5.2) 1228](#_Toc256001765)

[9.37.3 [Deleted] 1229](#_Toc256001766)

[9.37.4 [Deleted] 1229](#_Toc256001767)

[9.37.5 Forecasts for connection points to transmission network (clause 5.11.1) 1229](#_Toc256001768)

[9.37.6 There is no clause 9.37.6 1229](#_Toc256001769)

[9.37.7 Cross Border Networks 1229](#_Toc256001770)

[9.37.8 [Deleted] 1230](#_Toc256001771)

[9.37.9 Credible contingency events (clause S5.1.2.1 of schedule 5.1) 1230](#_Toc256001772)

[9.37.10 Reactive power capability (clause S5.2.5.1 of schedule 5.2) 1230](#_Toc256001773)

[9.37.11 [Deleted] 1231](#_Toc256001774)

[9.37.12 Voltage fluctuations (clause S5.1.5 of schedule 5.1) 1231](#_Toc256001775)

[9.37.13 [Deleted] 1233](#_Toc256001776)

[9.37.14 [Deleted] 1233](#_Toc256001777)

[9.37.15 [Deleted] 1233](#_Toc256001778)

[9.37.16 [Deleted] 1233](#_Toc256001779)

[9.37.17 [Deleted] 1233](#_Toc256001780)

[9.37.18 [Deleted] 1233](#_Toc256001781)

[9.37.19 Generating unit response to disturbances (clause S5.2.5.3 of schedule 5.2) 1233](#_Toc256001782)

[9.37.20 [Deleted] 1233](#_Toc256001783)

[9.37.21 Excitation control system (clause S.5.2.5.13 of schedule 5.2) 1233](#_Toc256001784)

[9.37.22 [Deleted] 1234](#_Toc256001785)

[9.37.23 Annual forecast information for planning purposes (schedule 5.7) 1234](#_Toc256001786)

[9.38 Transitional Arrangements for Chapter 6 - Network Pricing 1234](#_Toc256001787)

[9.38.1 [Deleted] 1234](#_Toc256001788)

[9.38.2 [Deleted] 1234](#_Toc256001789)

[9.38.3 [Deleted] 1234](#_Toc256001790)

[9.38.4 Interconnectors between regions 1234](#_Toc256001791)

[9.38.5 Transmission pricing for exempted generation agreements 1234](#_Toc256001792)

[9.39 Transitional Arrangements for Chapter 7 - Metering 1235](#_Toc256001793)

[9.39.1 Metering installations to which this clause applies 1235](#_Toc256001794)

[9.39.2 [Deleted] 1236](#_Toc256001795)

[9.39.3 [Deleted] 1236](#_Toc256001796)

[9.39.4 [Deleted] 1236](#_Toc256001797)

[9.39.5 [Deleted] 1236](#_Toc256001798)

[9.40 Transitional Arrangements for Chapter 8 - Administration Functions 1236](#_Toc256001799)

[9.40.1 [Deleted] 1236](#_Toc256001800)

[9.40.2 [Deleted] 1236](#_Toc256001801)

[9.40.3 [Deleted] 1236](#_Toc256001802)

[9.41 [Deleted] 1236](#_Toc256001803)

[Part F Jurisdictional Derogations for Tasmania 1237](#_Toc256001804)

[9.42 Definitions and interpretation 1237](#_Toc256001805)

[9.42.1 Definitions 1237](#_Toc256001806)

[9.42.2 Interpretation 1238](#_Toc256001807)

[9.42.3 National grid, power system and related expressions 1238](#_Toc256001808)

[9.43 [Deleted] 1239](#_Toc256001809)

[9.44 Transitional arrangements for Chapter 2 – Registered Participants and Registration - Customers (clause 2.3.1(e)) 1239](#_Toc256001810)

[9.45 Tasmanian Region (clause 3.5) 1239](#_Toc256001811)

[9.47 Transitional arrangements for Chapter 5- Network Connection 1239](#_Toc256001812)

[9.47.1 Existing Connection Agreements 1239](#_Toc256001813)

[9.48 Transitional arrangements - Transmission and Distribution Pricing 1239](#_Toc256001814)

[9.48.4A Ring fencing 1239](#_Toc256001815)

[9.48.4B Uniformity of tariffs for small customers 1240](#_Toc256001816)

[9.48.5 Transmission network 1240](#_Toc256001817)

[9.48.6 Deemed regulated interconnector 1240](#_Toc256001818)

[Part G Schedules to Chapter 9 1240](#_Toc256001819)

[1. Introduction 1240](#_Toc256001820)

[2. [Deleted] 1240](#_Toc256001821)

[3. General Principle 1240](#_Toc256001822)

[4. [Deleted] 1241](#_Toc256001823)

[5. Accuracy Requirements 1241](#_Toc256001824)

[6. [Deleted] 1241](#_Toc256001825)

[7. [Deleted] 1241](#_Toc256001826)

[8. [Deleted] 1241](#_Toc256001827)

[9. [Deleted] 1241](#_Toc256001828)

[10. [Deleted] 1241](#_Toc256001829)

[10. Glossary 1245](#_Toc256001830)

[11. Savings and Transitional Rules 1363](#_Toc256001831)

[Part A Definitions 1363](#_Toc256001832)

[Part B System Restart Ancillary Services (2006 amendments) 1363](#_Toc256001833)

[11.2 Rules consequent on making of the National Electricity Amendment (System Restart Ancillary Services and pricing under market suspension) Rule 2006 1363](#_Toc256001834)

[11.2.1 Transitional provision for acquisition of non-market ancillary services 1363](#_Toc256001835)

[11.3 [Deleted] 1364](#_Toc256001836)

[Part C Dispute Resolution for Regulatory Test (2006 amendments) 1364](#_Toc256001837)

[11.4 Rules consequent on making of the National Electricity Amendment (Dispute Resolution for Regulatory Test) Rule 2006 1364](#_Toc256001838)

[11.4.1 Continuation of things done under old clause 5.6.6 1364](#_Toc256001839)

[Part D Metrology (2006 amendments) 1365](#_Toc256001840)

[11.5 Rules consequential on the making of the National Electricity Amendment (Metrology) Rule 2006 1365](#_Toc256001841)

[11.5.1 Definitions 1365](#_Toc256001842)

[11.5.2 Metrology procedures continues to apply until 31 December 2006 1365](#_Toc256001843)

[11.5.3 Responsible person 1365](#_Toc256001844)

[11.5.4 NEMMCO's responsibility to develop a metrology procedure 1365](#_Toc256001845)

[11.5.5 Jurisdictional metrology material in the metrology procedure 1366](#_Toc256001846)

[Part E Economic Regulation of Transmission Services (2006 amendments) 1366](#_Toc256001847)

[11.6 Rules consequent on making of the National Electricity Amendment (Economic Regulation of Transmission Services) Rule 2006 1366](#_Toc256001848)

[11.6.1 Definitions 1366](#_Toc256001849)

[11.6.2 New Chapter 6A does not affect existing revenue determinations 1367](#_Toc256001850)

[11.6.3 Old Part C and Schedules 6.2, 6.3, 6.4, 6.7 and 6.8 of old Chapter 6 1368](#_Toc256001851)

[11.6.4 Old Part F of Chapter 6 1368](#_Toc256001852)

[11.6.5 Application of new Chapter 6A to Transmission Network Service Providers 1368](#_Toc256001853)

[11.6.6 Application of Chapter 6 to old distribution matters 1368](#_Toc256001854)

[11.6.7 References to the old Chapter 6 1368](#_Toc256001855)

[11.6.8 References to provisions of the old Chapter 6 1369](#_Toc256001856)

[11.6.9 Roll forward of regulatory asset base for first regulatory control period 1369](#_Toc256001857)

[11.6.10 Other adjustment carry-over mechanisms from current to first regulatory control period 1369](#_Toc256001858)

[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 1369](#_Toc256001859)

[11.6.12 Powerlink transitional provisions 1372](#_Toc256001860)

[11.6.13 ElectraNet easements transitional provisions 1375](#_Toc256001861)

[11.6.14 TransGrid contingent projects 1375](#_Toc256001862)

[11.6.15 Transmission determination includes existing revenue determinations 1376](#_Toc256001863)

[11.6.16 References to regulatory control period 1376](#_Toc256001864)

[11.6.17 Consultation procedure for first proposed guidelines 1376](#_Toc256001865)

[11.6.18 Reliance on proposed guidelines for SP AusNet, VENCorp and ElectraNet 1377](#_Toc256001866)

[11.6.19 EnergyAustralia transitional provisions 1377](#_Toc256001867)

[11.6.20 Basslink transitional provisions 1379](#_Toc256001868)

[11.6.21 SPI Powernet savings and transitional provision 1381](#_Toc256001869)

[11.6.22 Interim arrangements pricing-related information 1382](#_Toc256001870)

[Part F Reform of Regulatory Test Principles (2006 amendments) 1383](#_Toc256001871)

[11.7 Rules consequent on making of the National Electricity Amendment (Reform of the Regulatory Test Principles) Rule 2006 1383](#_Toc256001872)

[11.7.1 Definitions 1383](#_Toc256001873)

[11.7.2 Amending Rule does not affect old clause 5.6.5A 1383](#_Toc256001874)

[Part G Pricing of Prescribed Transmission Services (2006 amendments) 1383](#_Toc256001875)

[11.8 Rules consequent on making the National Electricity Amendment (Pricing of Prescribed Transmission Services) Rule 2006 1383](#_Toc256001876)

[11.8.1 Definitions 1383](#_Toc256001877)

[11.8.2 Regulated interconnectors 1384](#_Toc256001878)

[11.8.3 Application of new Part J of Chapter 6A to Transmission Network Service Providers 1384](#_Toc256001879)

[11.8.4 Reliance on agreed interim guideline for ElectraNet, SPAusNet, and VenCorp 1385](#_Toc256001880)

[11.8.5 Prudent discounts under existing agreements 1385](#_Toc256001881)

[11.8.6 Application of prudent discounts regime under rule 6A.26 1385](#_Toc256001882)

[11.8.7 Prudent discounts pending approval of pricing methodology 1385](#_Toc256001883)

[Part H Reallocations (2007 amendments) 1386](#_Toc256001884)

[11.9 Rules consequent on the making of the National Electricity Amendment (Reallocations) Rule 2007 1386](#_Toc256001885)

[11.9.1 Definitions 1386](#_Toc256001886)

[11.9.2 Existing and transitional reallocations 1386](#_Toc256001887)

[Part I Technical Standards for Wind Generation (2007 amendments) 1387](#_Toc256001888)

[11.10 Rules consequent on making of the National Electricity Amendment (Technical Standards for Wind Generation and other Generator Connections) Rule 2007 1387](#_Toc256001889)

[11.10.1 Definitions 1387](#_Toc256001890)

[11.10.2 Provision of information under S5.2.4 in registration application 1387](#_Toc256001891)

[11.10.3 Access standards made under the old Chapter 5 1388](#_Toc256001892)

[11.10.4 Modifications to plant by Generators 1388](#_Toc256001893)

[11.10.5 Technical Details to Support Application for Connection and Connection Agreement 1388](#_Toc256001894)

[11.10.6 Transitional arrangements for establishment of performance standards 1388](#_Toc256001895)

[11.10.7 Jurisdictional Derogations for Queensland 1388](#_Toc256001896)

[11.10A Rules consequent on the making of the National Electricity Amendment (Central Dispatch and Integration of Wind and Other Intermittent Generation) Rule 2008 1389](#_Toc256001897)

[11.10A.1 Definitions 1389](#_Toc256001898)

[11.10A.2 Registration and reclassification of classified generating units 1390](#_Toc256001899)

[11.10A.3 Registered generating unit 1390](#_Toc256001900)

[11.10A.4 Classification of potential semi-scheduled generating unit 1390](#_Toc256001901)

[11.10A.5 Participant fees 1391](#_Toc256001902)

[11.10A.6 Timetable 1391](#_Toc256001903)

[11.10A.7 Procedure for contribution factors for ancillary service transactions 1391](#_Toc256001904)

[11.10A.8 Guidelines for energy conversion model information 1391](#_Toc256001905)

[Part J Cost Recovery of Localised Regulation Services (2007 amendments) 1392](#_Toc256001906)

[11.11 Rules consequent on making of the National Electricity Amendment (Cost Recovery of Localised Regulation Services) Rule 2007 1392](#_Toc256001907)

[11.11.1 Definitions 1392](#_Toc256001908)

[11.11.2 Action taken by NEMMCO for the purposes of Amending Rule 1392](#_Toc256001909)

[11.12 [Deleted] 1392](#_Toc256001910)

[Part L  [Deleted] 1392](#_Toc256001911)

[Part M Economic Regulation of Distribution Services (2007 amendments) 1392](#_Toc256001912)

[Division 1 General Provisions 1392](#_Toc256001913)

[11.14 General provisions 1392](#_Toc256001914)

[11.14.1 Application of this Division 1392](#_Toc256001915)

[11.14.2 Definitions 1392](#_Toc256001916)

[11.14.3 Preservation of old regulatory regime 1393](#_Toc256001917)

[11.14.4 Transfer of regulatory responsibility 1394](#_Toc256001918)

[11.14.5 Special requirements with regard to ring fencing 1394](#_Toc256001919)

[11.14.6 Additional requirements with regard to cost allocation 1395](#_Toc256001920)

[11.14.7 Construction of documents 1395](#_Toc256001921)

[Division 2 [Deleted] 1396](#_Toc256001922)

[Division 3 Transitional arrangements for first distribution determination for Queensland Distribution Network Service Providers 1396](#_Toc256001923)

[11.16 Transitional arrangements for first distribution determination for Queensland Distribution Network Service Providers 1396](#_Toc256001924)

[11.16.1 Definitions 1396](#_Toc256001925)

[11.16.2 Application of Part to Queensland 2010 distribution determinations 1396](#_Toc256001926)

[11.16.3 Treatment of the regulatory asset base 1396](#_Toc256001927)

[11.16.4 Efficiency Benefit Sharing Scheme 1397](#_Toc256001928)

[11.16.5 Service Target Performance Incentive Scheme 1397](#_Toc256001929)

[11.16.6 Framework and approach 1397](#_Toc256001930)

[11.16.7 Regulatory Proposal 1397](#_Toc256001931)

[11.16.8 Side constraints 1398](#_Toc256001932)

[11.16.9 Cost pass throughs 1398](#_Toc256001933)

[11.16.10 Capital Contributions Policy 1398](#_Toc256001934)

[Division 4 Transitional provisions of specific application to Victoria 1399](#_Toc256001935)

[11.17 Transitional provisions of specific application to Victoria 1399](#_Toc256001936)

[11.17.1 Definitions 1399](#_Toc256001937)

[11.17.2 Calculation of estimated cost of corporate income tax 1399](#_Toc256001938)

[11.17.3 Decisions made in the absence of a statement of regulatory intent 1399](#_Toc256001939)

[11.17.4 Cost allocation guidelines 1400](#_Toc256001940)

[11.17.5 Modification of requirements related to cost allocation method 1400](#_Toc256001941)

[11.17.6 AMI Order in Council 1401](#_Toc256001942)

[Part N Registration of Foreign Based Persons and Corporations as Trader Class Participants (2007 amendments) 1401](#_Toc256001943)

[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 1401](#_Toc256001944)

[11.18.1 Definitions 1401](#_Toc256001945)

[11.18.2 Auction rules 1401](#_Toc256001946)

[Part O Process for Region Change (2007 amendments) 1402](#_Toc256001947)

[11.19 Rules consequent on making of the National Electricity Amendment (Process for Region Change) Rule 2007 1402](#_Toc256001948)

[11.19.1 Definitions 1402](#_Toc256001949)

[11.19.2 Regions Publication 1402](#_Toc256001950)

[Part P Integration of NEM Metrology Requirements 1402](#_Toc256001951)

[11.20 Rules consequential on the making of the National Electricity Amendment (Integration of NEM Metrology Requirements) Rule 2008 1402](#_Toc256001952)

[11.20.1 Definitions 1402](#_Toc256001953)

[11.20.2 Metering installations for non-market generating units immediately prior to 30 June 2008 1402](#_Toc256001954)

[11.20.3 First-tier load metering installations 1403](#_Toc256001955)

[11.20.4 First-tier load metering installations in Victoria 1403](#_Toc256001956)

[11.20.5 Minimalist Transitioning Approach in Queensland 1403](#_Toc256001957)

[11.20.6 First-tier jurisdictional requirements publication 1404](#_Toc256001958)

[11.20.7 Metrology procedure 1404](#_Toc256001959)

[Part PA Reliability Settings: Information Safety Net and Directions 1404](#_Toc256001960)

[11.21 Rules consequential on the making of the National Electricity Amendment (NEM Reliability Settings: Information Safety Net and Directions) Rule 2008 1404](#_Toc256001961)

[11.21.1 Definitions 1404](#_Toc256001962)

[11.21.2 EAAP guidelines 1404](#_Toc256001963)

[11.21.3 [Deleted] 1404](#_Toc256001964)

[11.21.4 [Deleted] 1404](#_Toc256001965)

[11.21.5 Timetable 1404](#_Toc256001966)

[11.21.6 Power system security and reliability standards 1405](#_Toc256001967)

[11.21.7 Report on statement of opportunities 1405](#_Toc256001968)

[11.21.8 Methodology for dispatch prices and ancillary services prices 1405](#_Toc256001969)

[Part Q Regulatory Test Thresholds and Information Disclosure on Network Replacements 1405](#_Toc256001970)

[11.22 Rules consequential on the making of the National Electricity Amendment (Regulatory Test Thresholds and Information Disclosure on Network Replacements) Rule 2008 1405](#_Toc256001971)

[11.22.1 Definitions 1405](#_Toc256001972)

[11.22.2 Amending Rule does not affect existing regulatory test 1406](#_Toc256001973)

[Part R Performance Standard Compliance of Generators 1406](#_Toc256001974)

[11.23 Rules consequential on the making of the National Electricity Amendment (Performance Standards Compliance of Generators) Rule 2008 1406](#_Toc256001975)

[11.23.1 Definitions 1406](#_Toc256001976)

[11.23.2 Application of rule 11.23 for compliance programs implemented immediately after the commencement of the Amending Rule 1406](#_Toc256001977)

[11.23.3 Application of rule 11.23 for compliance programs implemented immediately prior to the commencement of the Amending Rule 1406](#_Toc256001978)

[11.23.4 Application of rule 11.23 for compliance programs not implemented immediately prior to the commencement of the Amending Rule 1407](#_Toc256001979)

[Part S [Deleted] 1407](#_Toc256001980)

[Part U Confidentiality Arrangements concerning Information required for Power System Studies 1407](#_Toc256001981)

[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 1407](#_Toc256001982)

[11.25.1 Definitions 1407](#_Toc256001983)

[11.25.2 Transitional arrangements for the provision of information 1407](#_Toc256001984)

[Part V WACC Reviews: Extension of Time 1409](#_Toc256001985)

[11.26 Rule consequential on the making of the National Electricity Amendment (WACC Reviews: Extension of Time) Rule 2009 1409](#_Toc256001986)

[11.26.1 Definitions 1409](#_Toc256001987)

[11.26.2 Extension of time to submit a regulatory proposal for the regulatory control period 2010-2015 1409](#_Toc256001988)

[Part W National Transmission Statement 1409](#_Toc256001989)

[11.27 Rules consequent on the making of the National Electricity Amendment (National Transmission Statement) Rule 2009 1409](#_Toc256001990)

[11.27.1 Definitions 1409](#_Toc256001991)

[11.27.2 Purpose 1409](#_Toc256001992)

[11.27.3 Application of rule 11.27 1410](#_Toc256001993)

[11.27.4 National Transmission Statement 1410](#_Toc256001994)

[11.27.5 Scope and Content of National Transmission Network Development Plan 1411](#_Toc256001995)

[11.27.6 Energy Adequacy Assessment Projection 1412](#_Toc256001996)

[11.27.7 Amendment to Last Resort Power 1412](#_Toc256001997)

[11.27.8 Actions taken prior to commencement of Rule 1412](#_Toc256001998)

[Part X National Transmission Planning 1412](#_Toc256001999)

[11.28 Rules consequential on the making of the National Electricity (Australian Energy Market Operator) Amendment Rules 2009 1412](#_Toc256002000)

[11.28.1 Definitions 1412](#_Toc256002001)

[11.28.2 Jurisdictional planning bodies and representatives 1412](#_Toc256002002)

[11.28.3 Criteria and guidelines published by Inter-regional Planning Committee 1413](#_Toc256002003)

[11.28.4 Augmentation technical reports 1413](#_Toc256002004)

[11.28.5 Last Resort Planning Power 1413](#_Toc256002005)

[11.28.6 Inter-network power system tests 1413](#_Toc256002006)

[11.28.7 Control and protection settings for equipment 1414](#_Toc256002007)

[11.28.8 Revenue Proposals 1414](#_Toc256002008)

[Part Y Regulatory Investment Test for Transmission 1414](#_Toc256002009)

[11.29 Rules consequent on making of the National Electricity Amendment (Regulatory Investment Test for Transmission) Rule 2009 1414](#_Toc256002010)

[11.29.1 Definitions 1414](#_Toc256002011)

[11.29.2 Period when Amending Rule applies to transmission investment 1415](#_Toc256002012)

[Part Z Congestion Information Resource 1415](#_Toc256002013)

[11.30 Rules consequent on the making of the National Electricity Amendment (Congestion Information Resource) Rule 2009 1415](#_Toc256002014)

[11.30.1 Definitions 1415](#_Toc256002015)

[11.30.2 Interim congestion Information resource 1416](#_Toc256002016)

[Part ZA Reliability and emergency reserve trader (2009 amendments) 1418](#_Toc256002017)

[11.31 Rules consequent on the making of the National Electricity Amendment (Improved RERT Flexibility and Short-notice Reserve Contracts) Rule 2009 1418](#_Toc256002018)

[11.31.1 Definitions 1418](#_Toc256002019)

[11.31.2 Purpose 1418](#_Toc256002020)

[11.31.3 Amendments to Reliability Panel's RERT Guidelines 1418](#_Toc256002021)

[11.31.4 Amendments to AEMO's RERT procedures for exercising the RERT 1419](#_Toc256002022)

[Part ZB Early Application of Market Impact Parameters 1419](#_Toc256002023)

[11.32 Rules consequent on the making of the National Electricity Amendment (Early Implementation of Market Impact Parameters) Rule 2010 1419](#_Toc256002024)

[11.32.1 Definitions 1419](#_Toc256002025)

[11.32.2 Purpose 1420](#_Toc256002026)

[11.32.3 Early application of the market impact component of the service target performance incentive scheme 1420](#_Toc256002027)

[Part ZC Transparency of operating data 1423](#_Toc256002028)

[11.33 Rules consequential on the making of National Electricity Amendment (Transparency of Operating Data) Rule 2010 1423](#_Toc256002029)

[11.33.1 Definitions 1423](#_Toc256002030)

[11.33.2 Spot market operations timetable 1423](#_Toc256002031)

[Part ZD Cost Recovery for Other Services Directions 1425](#_Toc256002032)

[11.34 Rules consequent on making of the National Electricity Amendment (Cost Recovery for Other Services Directions) Rule 2010 1425](#_Toc256002033)

[11.34.1 Definitions 1425](#_Toc256002034)

[11.34.2 Period when Amending Rules applies to funding of compensation 1425](#_Toc256002035)

[Part ZE Payments under Feed-in Schemes and Climate Change Funds 1425](#_Toc256002036)

[11.35 Rules consequential on the making of the National Electricity Amendment (Payments under Feed-in Schemes and Climate Change Funds) Rule 2010 1425](#_Toc256002037)

[11.35.1 Definitions 1425](#_Toc256002038)

[11.35.2 Application of recovery of jurisdictional scheme Rules 1426](#_Toc256002039)

[11.35.3 Reporting on jurisdictional schemes 1427](#_Toc256002040)

[11.35.4 Revocation and substitution of distribution determination for jurisdictional scheme recovery 1428](#_Toc256002041)

[Part ZF Transitional Arrangements for Ministerial Smart Meter Roll Out Determinations 1429](#_Toc256002042)

[11.36 Ministerial Smart Meter Roll Out Determinations 1429](#_Toc256002043)

[11.36.1 Definitions 1429](#_Toc256002044)

[11.36.2 Meaning of relevant metering installation 1429](#_Toc256002045)

[11.36.3 Period of application of rule to relevant metering installation 1429](#_Toc256002046)

[11.36.4 Designation of responsible person 1430](#_Toc256002047)

[11.36.5 [Deleted] 1430](#_Toc256002048)

[11.36.6 [Deleted] 1430](#_Toc256002049)

[Part ZG Provision of Metering Data Services and Clarification of Existing Metrology Requirements 1430](#_Toc256002050)

[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 1430](#_Toc256002051)

[11.37.1 Definitions 1430](#_Toc256002052)

[11.37.2 Commencement of special site or technology related conditions 1430](#_Toc256002053)

[11.37.3 Initial service level procedures 1430](#_Toc256002054)

[Part ZH Spot Market Operations Timetable 1431](#_Toc256002055)

[11.38 Rules consequential on the making of National Electricity Amendment (Amendments to PASA-related Rules) Rule 2010 1431](#_Toc256002056)

[11.38.1 Definitions 1431](#_Toc256002057)

[11.38.2 Spot market operations timetable 1431](#_Toc256002058)

[Part ZI DNSP Recovery of Transmission-related Charges 1432](#_Toc256002059)

[11.39 Rules consequential on the making of the National Electricity Amendment (DNSP Recovery of Transmission-related Charges) Rule 2011 1432](#_Toc256002060)

[11.39.1 Definitions 1432](#_Toc256002061)

[11.39.2 Recovery by Victorian distribution network service providers during current regulatory control period 1433](#_Toc256002062)

[11.39.3 Recovery by Victorian distribution network service providers for shared network augmentations 1433](#_Toc256002063)

[11.39.4 Bairnsdale network support agreement 1433](#_Toc256002064)

[11.39.5 Approval of pricing proposal 1433](#_Toc256002065)

[11.39.6 Ergon Energy transitional charges 1434](#_Toc256002066)

[11.39.7 Energex transitional charges 1434](#_Toc256002067)

[Part ZJ Network Support and Control Ancillary Services 1434](#_Toc256002068)

[11.40 Rules consequential on the making of the National Electricity Amendment (Network Support and Control Ancillary Services) Rule 2011 1434](#_Toc256002069)

[11.40.1 Definitions 1434](#_Toc256002070)

[11.40.2 Purpose 1434](#_Toc256002071)

[11.40.3 Existing NCAS contracts to continue 1434](#_Toc256002072)

[11.40.4 Amendments to existing guidelines 1435](#_Toc256002073)

[11.40.5 New procedures 1435](#_Toc256002074)

[11.40.6 Decisions and actions taken prior to Amending Rule 1435](#_Toc256002075)

[Part ZK Application of Dual Marginal Loss Factors 1435](#_Toc256002076)

[11.41 Rules consequential on the making of the National Electricity Amendment (Application of Dual Marginal Loss Factors) Rule 2011 1435](#_Toc256002077)

[11.41.1 Definitions 1435](#_Toc256002078)

[11.41.2 Amendments to loss factor methodology 1436](#_Toc256002079)

[11.41.3 Procedure applying dual intra-regional loss factors in central dispatch and spot market transactions 1436](#_Toc256002080)

[11.41.4 Publication of intra-regional loss factors 1436](#_Toc256002081)

[Part ZL Tasmania Tranche 5a Procedure Changes 1436](#_Toc256002082)

[11.42 Rules consequential on the making of the National Electricity Amendment (Tasmania Tranche 5a Procedure Changes) Rule 2011 1436](#_Toc256002083)

[11.42.1 Definitions 1436](#_Toc256002084)

[11.42.2 AEMO may amend Relevant Procedures 1437](#_Toc256002085)

[Part ZM Application and Operation of Administered Price Periods 1437](#_Toc256002086)

[11.43 Rules consequential on the making of National Electricity Amendment (Application and Operation of Administered Price Periods) Rule 2011 1437](#_Toc256002087)

[11.43.1 Definitions 1437](#_Toc256002088)

[11.43.2 Administered Price Cap Schedule 1437](#_Toc256002089)

[Part ZO Negative Intra-regional Settlements Residue 1438](#_Toc256002090)

[11.45 Rules consequential on the making of National Electricity Amendment (Negative Intra-regional Settlements Residue) Rule 2012 1438](#_Toc256002091)

[11.45.1 Definitions 1438](#_Toc256002092)

[11.45.2 Recovery of negative settlements residue prior to consultation under the Amending Rule 1438](#_Toc256002093)

[11.45.3 First consultation on negative intra-regional settlements residue procedure 1439](#_Toc256002094)

[Part ZP Interim Connection Charging Rules 1439](#_Toc256002095)

[11.46 Rules consequential to the insertion of Chapter 5A by the National Electricity (National Energy Retail Law) Amendment Rule 2012 1439](#_Toc256002096)

[Division 1 Preliminary 1439](#_Toc256002097)

[11.46.1 Definitions 1439](#_Toc256002098)

[11.46.2 Extended meaning of some terms 1441](#_Toc256002099)

[11.46.3 Transitional operation of relevant provisions 1441](#_Toc256002100)

[Division 2 Jurisdictional differences 1442](#_Toc256002101)

[11.46.4 Exclusions, qualifications and modifications for ACT 1442](#_Toc256002102)

[11.46.5 Exclusions, qualifications and modifications for NSW 1443](#_Toc256002103)

[11.46.6 Exclusions, qualifications and modifications for Queensland 1444](#_Toc256002104)

[11.46.7 Exclusions, qualifications and modifications for SA 1445](#_Toc256002105)

[11.46.8 Exclusions, qualifications and modifications for Tasmania 1446](#_Toc256002106)

[11.46.9 Exclusions, qualifications and modifications for Victoria 1447](#_Toc256002107)

[Division 3 General provisions 1448](#_Toc256002108)

[11.46.10 Connection charges 1448](#_Toc256002109)

[11.46.11 References 1449](#_Toc256002110)

[Part ZQ NSW transitional retail support and credit support rules 1449](#_Toc256002111)

[11.47 Rules consequential on the insertion of Chapter 6B by the National Electricity (National Energy Retail Law) Amendment Rule 2012 1449](#_Toc256002112)

[Division 1 Preliminary 1449](#_Toc256002113)

[11.47.1 Definitions 1449](#_Toc256002114)

[11.47.2 Application 1451](#_Toc256002115)

[11.47.3 Obligation to pay 1451](#_Toc256002116)

[11.47.4 Charging and billing 1451](#_Toc256002117)

[11.47.5 Interest on unpaid amounts 1452](#_Toc256002118)

[11.47.6 Circumstances where NSW DNSP may request credit support 1452](#_Toc256002119)

[11.47.7 Credit support 1452](#_Toc256002120)

[11.47.8 Credit support providers 1453](#_Toc256002121)

[11.47.9 NSW DNSP to determine required credit support amount 1453](#_Toc256002122)

[11.47.10 NSW Retailer to ensure credit support available 1453](#_Toc256002123)

[11.47.11 Drawing on credit support 1454](#_Toc256002124)

[11.47.12 Specific transitional arrangements 1454](#_Toc256002125)

[Part ZR Miscellaneous transitional rules—NERL 1454](#_Toc256002126)

[11.48 Rules consequential on the making of the National Electricity (National Energy Retail Law) Amendment Rule 2012 1454](#_Toc256002127)

[11.48.1 Extension of time period for AER to consider certain pass through applications 1454](#_Toc256002128)

[Part ZS Cost pass through arrangements for Network Service Providers 1455](#_Toc256002129)

[11.49 Rules consequential on the making of National Electricity Amendment (Cost pass through arrangements for Network Service Providers) Rule 2012 1455](#_Toc256002130)

[11.49.1 Definitions 1455](#_Toc256002131)

[11.49.2 Terrorism event is a cost pass through event in the current regulatory control period 1455](#_Toc256002132)

[11.49.3 Transitional arrangement for Powerlink 1455](#_Toc256002133)

[11.49.4 Transitional arrangements for ElectraNet and Murraylink 1456](#_Toc256002134)

[Part ZT Distribution Network Planning and Expansion 1456](#_Toc256002135)

[11.50 Rules consequential on the making of the National Electricity Amendment (Distribution Network Planning and Expansion) Rule 2012 1456](#_Toc256002136)

[11.50.1 [Deleted] 1456](#_Toc256002137)

[11.50.2 Definitions 1456](#_Toc256002138)

[11.50.3 Timing for first Distribution Annual Planning Report 1457](#_Toc256002139)

[11.50.4 Contents of Distribution Annual Planning Report 1457](#_Toc256002140)

[11.50.5 Transition from the regulatory test to the regulatory investment test for distribution 1458](#_Toc256002141)

[Part ZU New Prudential Standard and Framework in the NEM 1459](#_Toc256002142)

[11.51 Rules consequential on the making of the National Electricity Amendment (New Prudential Standard and Framework in the NEM) Rule 2012 1459](#_Toc256002143)

[11.51.1 Definitions 1459](#_Toc256002144)

[11.51.2 AEMO's responsibility to develop and publish the credit limit procedures 1459](#_Toc256002145)

[11.51.3 Transition to the framework for determining prudential settings 1460](#_Toc256002146)

[11.51.4 Prior consultation, step, decision or action taken by AEMO 1460](#_Toc256002147)

[Part ZV Small Generation Aggregator Framework 1460](#_Toc256002148)

[11.52 Rules consequential on the making of the National Electricity Amendment (Small Generation Aggregator Framework) Rule 2012 1460](#_Toc256002149)

[11.52.1 Definitions 1460](#_Toc256002150)

[11.52.2 Commencement of participant fees as well as transactions, funding and settlements under Chapter 3 for Market Small Generation Aggregators 1461](#_Toc256002151)

[11.52.3 Participant fees for Market Small Generation Aggregators 1461](#_Toc256002152)

[11.52.4 Ancillary service transactions, funding of compensation for directions and intervention settlements for directions for Market Small Generation Aggregators 1461](#_Toc256002153)

[11.52.5 Amendments to the carbon dioxide equivalent intensity index procedures 1462](#_Toc256002154)

[11.52.6 Amendments of the metrology procedures 1463](#_Toc256002155)

[11.52.7 Amendments to the Market Settlement and Transfer Solution Procedures 1463](#_Toc256002156)

[Part ZW Economic Regulation of Network Service Providers (2012 amendments) 1463](#_Toc256002157)

[Division 1 Miscellaneous transitional provisions 1463](#_Toc256002158)

[11.53 Publication of Chapter 6 Guidelines 1463](#_Toc256002159)

[11.53.1 Shared Asset Guidelines 1463](#_Toc256002160)

[11.53.2 Capital Expenditure Incentive Guidelines 1464](#_Toc256002161)

[11.53.3 Rate of Return Guidelines 1464](#_Toc256002162)

[11.53.4 Expenditure Forecast Assessment Guidelines 1464](#_Toc256002163)

[11.53.5 Distribution Confidentiality Guidelines 1464](#_Toc256002164)

[11.53.6 Consultation procedure paper 1465](#_Toc256002165)

[11.54 Publication of Chapter 6A Guidelines 1465](#_Toc256002166)

[11.54.1 Shared Asset Guidelines 1465](#_Toc256002167)

[11.54.2 Capital Expenditure Incentive Guidelines 1465](#_Toc256002168)

[11.54.3 Rate of Return Guidelines 1465](#_Toc256002169)

[11.54.4 Expenditure Forecast Assessment Guidelines 1466](#_Toc256002170)

[11.54.5 Transmission Confidentiality Guidelines 1466](#_Toc256002171)

[11.54.6 Consultation paper procedure 1466](#_Toc256002172)

[Division 2 Transitional provisions for NSW/ACT Distribution Network Service Providers 1466](#_Toc256002173)

[11.55 General provisions 1466](#_Toc256002174)

[11.55.1 Definitions 1466](#_Toc256002175)

[11.55.2 Transitional Chapter 6 1467](#_Toc256002176)

[11.55.3 Application of rule 11.56 1469](#_Toc256002177)

[11.56 Special provisions applying to affected DNSPs 1469](#_Toc256002178)

[11.56.1 Requirement to make distribution determination 1469](#_Toc256002179)

[11.56.2 Transitional regulatory proposal 1469](#_Toc256002180)

[11.56.3 Distribution determination for a transitional regulatory control period 1470](#_Toc256002181)

[11.56.4 Subsequent regulatory control period 1475](#_Toc256002182)

[11.56.5 Review of past capital expenditure 1480](#_Toc256002183)

[Division 3 Transitional provisions for NSW and Tasmanian Transmission Network Service Providers and Directlink 1480](#_Toc256002184)

[11.57 General provisions 1480](#_Toc256002185)

[11.57.1 Definitions 1480](#_Toc256002186)

[11.57.2 Transitional Chapter 6A 1481](#_Toc256002187)

[11.57.3 Application of rule 11.58 1482](#_Toc256002188)

[11.58 Special provisions applying to affected TNSPs 1483](#_Toc256002189)

[11.58.1 Requirement to make transmission determination 1483](#_Toc256002190)

[11.58.2 Requirement to submit a transitional Revenue Proposal 1483](#_Toc256002191)

[11.58.3 Transmission determination for a transitional regulatory control period 1484](#_Toc256002192)

[11.58.4 Subsequent regulatory control period 1486](#_Toc256002193)

[11.58.5 Review of past capital expenditure 1491](#_Toc256002194)

[Division 4 Transitional provisions for the Victorian TNSP 1491](#_Toc256002195)

[11.59 Special provisions applying to the Victorian TNSP 1491](#_Toc256002196)

[11.59.1 Definitions 1491](#_Toc256002197)

[11.59.2 Application of rule 11.59 1492](#_Toc256002198)

[11.59.3 Former Chapter 6A/10 applies 1492](#_Toc256002199)

[11.59.4 Review of past capital expenditure 1492](#_Toc256002200)

[Division 5 Transitional provisions for Qld/SA and Victorian Distribution Network Service Providers 1493](#_Toc256002201)

[11.60 Special provisions applying to the Qld/SA and Victorian Distribution Network Service Providers 1493](#_Toc256002202)

[11.60.1 Definitions 1493](#_Toc256002203)

[11.60.2 Application of rule 11.60 1494](#_Toc256002204)

[11.60.3 Distribution determination for next regulatory control period 1494](#_Toc256002205)

[11.60.4 Re-opening of distribution determination for next regulatory control period 1496](#_Toc256002206)

[11.60.5 Review of past capital expenditure 1498](#_Toc256002207)

[Division 6 Review of past capital expenditure 1498](#_Toc256002208)

[11.61 Definitions and application 1498](#_Toc256002209)

[11.62 Review of past capital expenditure under Chapter 6 1499](#_Toc256002210)

[11.63 Review of past capital expenditure under Chapter 6A 1499](#_Toc256002211)

[Part ZX Inter-regional Transmission Charging 1500](#_Toc256002212)

[11.64 Rules consequent on the making of the National Electricity Amendment (Inter-regional Transmission Charging) Rule 2013 1500](#_Toc256002213)

[11.64.1 Definitions 1500](#_Toc256002214)

[11.64.2 Amendments to the pricing methodology guidelines 1500](#_Toc256002215)

[11.64.3 Amendments to the pricing methodologies of Transmission Network Service Providers 1500](#_Toc256002216)

[11.64.4 Commencement of clause 6A.23.3(f) for further adjustments 1501](#_Toc256002217)

[Part ZY Network Service Provider Expenditure Objectives 1501](#_Toc256002218)

[11.65 Rules consequent on the making of the National Electricity Amendment (Network Service Provider Expenditure Objectives) Rule 2013 1501](#_Toc256002219)

[11.65.1 Definitions 1501](#_Toc256002220)

[11.65.2 Application of rule 11.65 1501](#_Toc256002221)

[Part ZZ Access to NMI Standing Data 1502](#_Toc256002222)

[11.66 Rules consequent on the making of the National Electricity Amendment (Access to NMI Standing Data) Rule 2013 1502](#_Toc256002223)

[11.66.1 Definitions 1502](#_Toc256002224)

[11.66.2 Minor amendment of the Market Settlement and Transfer Solution Procedures 1502](#_Toc256002225)

[Part ZZA Publication of Zone Substation Data 1503](#_Toc256002226)

[11.67 Rules consequent on the making of the National Electricity Amendment (Publication of Zone Substation Data) Rule 2014 1503](#_Toc256002227)

[11.67.1 Definitions 1503](#_Toc256002228)

[11.67.2 Distribution Network Service Providers' obligations to commence on the next DAPR date 1503](#_Toc256002229)

[Part ZZB Connecting Embedded Generators 1503](#_Toc256002230)

[11.68 Rules consequential on the making of the National Electricity Amendment (Connecting embedded generators) Rule 2014 1503](#_Toc256002231)

[11.68.1 Definitions 1503](#_Toc256002232)

[11.68.2 Continuation of enquiries lodged 1503](#_Toc256002233)

[Part ZZC Customer access to information about their energy consumption 1504](#_Toc256002234)

[11.69 Rules consequential on the making of the National Electricity Amendment (Customer access to information about their energy consumption) Rule 2014 1504](#_Toc256002235)

[11.69.1 Definitions 1504](#_Toc256002236)

[11.69.2 AEMO to develop and publish the metering data provision procedure 1504](#_Toc256002237)

[Part ZZD National Electricity Amendment (Distribution Network Pricing Arrangements) Rule 2014 1504](#_Toc256002238)

[Division 1 Miscellaneous transitional provisions 1504](#_Toc256002239)

[11.70 General provisions 1504](#_Toc256002240)

[11.70.1 Definitions 1504](#_Toc256002241)

[11.70.2 Application of Part ZZB 1505](#_Toc256002242)

[11.71 Special provisions applying to SA TNSP 1505](#_Toc256002243)

[Division 2 Transitional provisions for NSW/ACT and Qld/SA Distribution Network Service Providers 1506](#_Toc256002244)

[11.72 General provisions 1506](#_Toc256002245)

[11.72.1 Definitions 1506](#_Toc256002246)

[11.73 Special provisions applying to affected DNSPs 1506](#_Toc256002247)

[11.73.1 Distribution determination and pricing proposals 1506](#_Toc256002248)

[11.73.2 Tariff structure statement 1507](#_Toc256002249)

[11.73.3 Dispute resolution 1513](#_Toc256002250)

[Division 3 Transitional provisions for Tasmanian Distribution Network Service Provider 1513](#_Toc256002251)

[11.74 Application of former Chapter 6 1513](#_Toc256002252)

[Division 4 Transitional provisions for Victorian Distribution Network Service Providers 1513](#_Toc256002253)

[11.75 General provisions 1513](#_Toc256002254)

[11.75.1 Definitions 1513](#_Toc256002255)

[11.76 Special provisions applying to affected DNSPs 1513](#_Toc256002256)

[11.76.1 Distribution determination and pricing proposals 1513](#_Toc256002257)

[11.76.2 Tariff structure statement 1514](#_Toc256002258)

[11.76.3 Dispute resolution 1520](#_Toc256002259)

[Part ZZE Early Application of Network Capability Component (STPIS) 1520](#_Toc256002260)

[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 1520](#_Toc256002261)

[11.77.1 Definitions 1520](#_Toc256002262)

[11.77.2 Purpose 1520](#_Toc256002263)

[11.77.3 Earlier application of the network capability component of the service target performance incentive scheme 1521](#_Toc256002264)

[Part ZZF National Electricity Amendment (Governance arrangements and implementation of the reliability standard and settings) Rule 2015 1523](#_Toc256002265)

[11.78 Rules consequent on the making of the National Electricity Amendment (Governance arrangements and implementation of the reliability standards and settings) Rule 2015 1523](#_Toc256002266)

[11.78.1 Definitions 1523](#_Toc256002267)

[11.78.2 Existing power system security and reliability standards 1523](#_Toc256002268)

[11.78.3 Reliability standard and settings guidelines 1524](#_Toc256002269)

[11.78.4 Reliability standard implementation guidelines 1524](#_Toc256002270)

[Part ZZG Improving demand side participation information provided to AEMO by registered participants 1526](#_Toc256002271)

[11.79 Rules consequential on making of the National Electricity Amendment (Improving demand side participation information provided to AEMO by registered participants) Rule 2015 1526](#_Toc256002272)

[11.79.1 AEMO to develop and publish the demand side participation information guidelines 1526](#_Toc256002273)

[Part ZZH Transitional Arrangements for Aligning TasNetworks' regulatory control periods 1527](#_Toc256002274)

[11.80 National Electricity Amendment (Aligning TasNetworks' regulatory control periods) Rule 2015 1527](#_Toc256002275)

[11.80.1 Definitions 1527](#_Toc256002276)

[11.80.2 Application of rule 11.80 1527](#_Toc256002277)

[11.80.3 Next regulatory control period 1527](#_Toc256002278)

[11.80.4 Subsequent regulatory control period 1527](#_Toc256002279)

[Part ZZI System Restart Ancillary Services 1528](#_Toc256002280)

[11.81 Rules consequential on the making of the National Electricity Amendment (System Restart Ancillary Services) Rule 2015 1528](#_Toc256002281)

[11.81.1 Definitions 1528](#_Toc256002282)

[11.81.2 System restart standard 1528](#_Toc256002283)

[11.81.3 SRAS Guideline 1528](#_Toc256002284)

[11.81.4 Regional Benefit Ancillary Services Procedures 1528](#_Toc256002285)

[11.81.5 Consultation prior to the Commencement Date 1528](#_Toc256002286)

[11.81.6 Existing SRAS Contract 1528](#_Toc256002287)

[Part ZZJ Demand management incentive scheme 1529](#_Toc256002288)

[11.82 Rules consequential on making of the National Electricity Amendment (Demand management incentive scheme) Rule 2015 1529](#_Toc256002289)

[11.82.1 Definitions 1529](#_Toc256002290)

[11.82.2 AER to develop and publish the demand management incentive scheme and demand management innovation allowance mechanism 1529](#_Toc256002291)

[Part ZZK AEMO access to demand forecasting information 1529](#_Toc256002292)

[11.83 Rules consequential on the making of the National Electricity Amendment (AEMO access to demand forecasting information) Rule 2015 1529](#_Toc256002293)

[11.83.1 AEMO to include supporting information in NTNDP database 1529](#_Toc256002294)

[Part ZZL Compensation arrangements following application of an Administered Price Cap or Administered Floor Price 1530](#_Toc256002295)

[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 1530](#_Toc256002296)

[11.84.1 Definitions 1530](#_Toc256002297)

[11.84.2 Compensation Guidelines 1530](#_Toc256002298)

[Part ZZM Common definitions of distribution reliability measures 1530](#_Toc256002299)

[11.85 Rules consequential on the making of the National Electricity Amendment (Common definitions of distribution reliability measures) Rule 2015 1530](#_Toc256002300)

[11.85.1 Definitions 1530](#_Toc256002301)

[11.85.2 Distribution reliability measures guidelines 1530](#_Toc256002302)

[11.85.3 Amended STPIS 1530](#_Toc256002303)

[Part ZZN Expanding competition in metering and metering related services 1531](#_Toc256002304)

[11.86 Rules consequent on making of the National Electricity Amendment (Expanding competition in metering and related services) Rule 2015 1531](#_Toc256002305)

[11.86.1 Definitions 1531](#_Toc256002306)

[11.86.2 References to old Chapter 7 1531](#_Toc256002307)

[11.86.3 References to provisions of the old Chapter 7 1531](#_Toc256002308)

[11.86.4 References to responsible person 1531](#_Toc256002309)

[11.86.5 Continued operation of old Rules until the effective date 1531](#_Toc256002310)

[11.86.6 New and amended procedures 1532](#_Toc256002311)

[11.86.7 Metering Coordinator for type 5 or 6 metering installation from effective date 1533](#_Toc256002312)

[11.86.8 Distribution Ring Fencing Guidelines 1535](#_Toc256002313)

[11.86.9 [Deleted] 1535](#_Toc256002314)

[Part ZZO Embedded Networks 1535](#_Toc256002315)

[11.87 Rules consequential on the making of the National Electricity Amendment (Embedded Networks) Rule 2015 1535](#_Toc256002316)

[11.87.1 Definitions 1535](#_Toc256002317)

[11.87.2 Amended Procedures and NMI Standing Data Schedule 1536](#_Toc256002318)

[11.87.3 ENM service level procedures and guide to embedded networks and list of Embedded Network Managers 1536](#_Toc256002319)

[11.87.4 Exemptions under section 13 of the National Electricity Law 1536](#_Toc256002320)

[Part ZZP Meter Replacement Processes 1537](#_Toc256002321)

[11.88 Rules consequential on the making of the National Electricity Amendment (Meter Replacement Processes) Rule 2016 1537](#_Toc256002322)

[11.88.1 Definitions 1537](#_Toc256002323)

[11.88.2 Amended Procedures 1537](#_Toc256002324)

[Part ZZQ Energy Adequacy Assessment Projection 1537](#_Toc256002325)

[11.89 Rules consequential to the National Electricity Amendment (Energy Adequacy Assessment Projection timeframes) Rule 2016 1537](#_Toc256002326)

[11.89.1 Amended guideline and timetable 1537](#_Toc256002327)

[Part ZZR Reliability and emergency reserve trader (2016 amendments) 1538](#_Toc256002328)

[11.90 Rules consequent on the making of the National Electricity Amendment (Extension of the Reliability and Emergency Reserve Trader) Rule 2016 1538](#_Toc256002329)

[11.90.1 Definitions 1538](#_Toc256002330)

[11.90.2 Amendments to Reliability Panel's RERT Guidelines 1538](#_Toc256002331)

[11.90.3 Amendments to AEMO's RERT procedures 1538](#_Toc256002332)

[11.90.4 Reserve contracts entered into before Schedule 2 commencement date 1538](#_Toc256002333)

[Part ZZS Updating the electricity B2B framework 1538](#_Toc256002334)

[11.91 Rules consequential on the making of the National Electricity Amendment (Updating the electricity B2B framework) rule 2016 1538](#_Toc256002335)

[11.91.1 Definitions 1538](#_Toc256002336)

[11.91.2 B2B Procedures 1539](#_Toc256002337)

[11.91.3 Information Exchange Committee Election Procedures and Information Exchange Committee Operating Manual 1539](#_Toc256002338)

[11.91.4 The New IEC 1540](#_Toc256002339)

[11.91.5 Amended Procedures 1541](#_Toc256002340)

[11.91.6 B2B e-Hub Participant accreditation process 1542](#_Toc256002341)

[11.91.7 New IEC Budget and 2016 Annual Report 1542](#_Toc256002342)

[11.91.8 Cost recovery 1542](#_Toc256002343)

[Part ZZT Application of Offsets in the Prudential Margin Calculation 1543](#_Toc256002344)

[11.92 Rules consequential on the making of the National Electricity Amendment (Application of Offsets in the Prudential Margin Calculation) Rule 2016 1543](#_Toc256002345)

[11.92.1 Definitions 1543](#_Toc256002346)

[11.92.2 Amended procedures 1543](#_Toc256002347)

[Part ZZU Rate of Return Guidelines Review 1543](#_Toc256002348)

[11.93 Rules consequential on the making of the National Electricity Amendment (Rate of Return Guidelines Review) Rule 2016 1543](#_Toc256002349)

[11.93.1 Definitions 1543](#_Toc256002350)

[11.93.2 Application of current rate of return guidelines to making of a distribution determination for the subsequent regulatory control period 1545](#_Toc256002351)

[Part ZZV Demand Response Mechanism and Ancillary Services Unbundling 1545](#_Toc256002352)

[11.94 Rules consequential on the making of the National Electricity Amendment (Demand Response Management and Ancillary Services Unbundling) rule 2016 1545](#_Toc256002353)

[11.94.1 Definitions 1545](#_Toc256002354)

[11.94.2 Participant fees for Market Ancillary Service Providers 1545](#_Toc256002355)

[Part ZZW Local Generation Network Credits 1545](#_Toc256002356)

[11.95 Rules consequential on the making of the National Electricity Amendment (Local Generation Network Credits) Rule 2016 1545](#_Toc256002357)

[11.95.1 Definitions 1545](#_Toc256002358)

[11.95.2 System limitation template 1546](#_Toc256002359)

[Part ZZX Retailer-Distributor Credit Support Requirements 1546](#_Toc256002360)

[11.96 Rules consequent on the making of the National Electricity Amendment (Retailer Distributor Credit Support Requirements) Rule 2017 No. 1 1546](#_Toc256002361)

[11.96.1 Definitions 1546](#_Toc256002362)

[11.96.2 Continued operation of old Chapter 6B 1546](#_Toc256002363)

[11.96.3 Interaction with Chapter 6 1546](#_Toc256002364)

[11.96.4 Application of new Chapter 6B 1546](#_Toc256002365)

[Part ZZY Emergency Frequency Control Schemes 1547](#_Toc256002366)

[11.97 Rules consequent on the making of the National Electricity Amendment (Emergency frequency control schemes) Rule 2017 1547](#_Toc256002367)

[11.97.1 Definitions 1547](#_Toc256002368)

[11.97.2 Interim frequency operating standards for protected events 1547](#_Toc256002369)

[11.97.3 First power system frequency risk review 1548](#_Toc256002370)

[11.97.4 AEMO must review existing load shedding procedures 1548](#_Toc256002371)

[11.97.5 Load shedding procedures 1548](#_Toc256002372)

[Part ZZZ Transmission Connection and Planning Arrangements 1549](#_Toc256002373)

[11.98 Rules consequential on the making of the National Electricity Amendment (Transmission Connection and Planning Arrangements) Rule 2017 1549](#_Toc256002374)

[11.98.1 Definitions 1549](#_Toc256002375)

[11.98.2 Grandfathering of existing dedicated connection assets 1550](#_Toc256002376)

[11.98.3 Preparatory steps for registration changes under the Amending Rule 1550](#_Toc256002377)

[11.98.4 Participant fees for Dedicated Connection Asset Service Providers 1551](#_Toc256002378)

[11.98.5 Existing Connection Agreements 1551](#_Toc256002379)

[11.98.6 Connection process 1551](#_Toc256002380)

[11.98.7 Transmission Annual Planning Report 1552](#_Toc256002381)

[11.98.8 Preservation for adoptive jurisdictions 1552](#_Toc256002382)

[Part ZZZA Replacement expenditure planning arrangements 1552](#_Toc256002383)

[11.99 Rules consequential on the making of the National Electricity Amendment (Replacement expenditure planning arrangements) Rule 2017 1552](#_Toc256002384)

[11.99.1 Definitions 1552](#_Toc256002385)

[11.99.3 Transitional arrangements for affected DNSPs 1553](#_Toc256002386)

[11.99.4 Amendments to RIT documentation 1554](#_Toc256002387)

[11.99.5 Transitional arrangements relating to excluded projects 1554](#_Toc256002388)

[11.99.6 Transitional arrangements relating to Victorian bushfire mitigation projects 1554](#_Toc256002389)

[11.99.7 Transitional arrangements relating to review of costs thresholds 1555](#_Toc256002390)

[Part ZZZB Managing the rate of change of power system frequency 1555](#_Toc256002391)

[11.100 Rules consequential on the making of the National Electricity Amendment (Managing the rate of change of power system frequency) Rule 2017 1555](#_Toc256002392)

[11.100.1 Definitions 1555](#_Toc256002393)

[11.100.2 Inertia sub-networks 1556](#_Toc256002394)

[11.100.3 Inertia requirements methodology 1556](#_Toc256002395)

[11.100.4 Inertia requirements 1556](#_Toc256002396)

[11.100.5 NSCAS not to be used to meet an inertia shortfall after 1 July 2019 1557](#_Toc256002397)

[11.100.6 Inertia network services may be used to meet an NSCAS gap declared in the NSCAS transition period 1557](#_Toc256002398)

[11.100.7 Inertia network services made available before the commencement date 1558](#_Toc256002399)

[Part ZZZC Managing power system fault levels 1558](#_Toc256002400)

[11.101 Rules consequential on the making of the National Electricity Amendment (Managing power system fault levels) Rule 2017 1558](#_Toc256002401)

[11.101.1 Definitions 1558](#_Toc256002402)

[11.101.2 System strength impact assessment guidelines 1559](#_Toc256002403)

[11.101.3 System strength requirements methodology 1560](#_Toc256002404)

[11.101.4 System strength requirements 1560](#_Toc256002405)

[11.101.5 NSCAS not to be used to meet a fault level shortfall after 1 July 2019 1561](#_Toc256002406)

[11.101.6 System strength services may be used to meet an NSCAS gap declared in the NSCAS transition period 1561](#_Toc256002407)

[11.101.7 Withdrawal of a system strength-related NSCAS gap already declared 1562](#_Toc256002408)

[11.101.8 System strength services made available before the commencement date 1562](#_Toc256002409)

[Part ZZZD Generating System Model Guidelines 1562](#_Toc256002410)

[11.102 Making of Power System Model Guidelines 1562](#_Toc256002411)

[Part ZZZE Five Minute Settlement 1562](#_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 1562](#_Toc256002413)

[11.103.1 Definitions 1562](#_Toc256002414)

[11.103.2 Amendments to procedures 1563](#_Toc256002415)

[11.103.3. Exemption for certain metering installations 1564](#_Toc256002416)

[11.103.4 New or replacement meters 1564](#_Toc256002417)

[11.103.5 Metering installations exempt from metering data provision requirements 1565](#_Toc256002418)

[11.103.6 Exemption from meter data storage requirements 1565](#_Toc256002419)

[11.103.7 Default offers and bids submitted prior to the commencement date 1565](#_Toc256002420)

[Part ZZZF Contestability of energy services 1565](#_Toc256002421)

[11.104 Rules consequential on the making of the National Electricity Amendment (Contestability of energy services) Rule 2017 1565](#_Toc256002422)

[11.104.1 Definitions 1565](#_Toc256002423)

[11.104.2 New guidelines 1567](#_Toc256002424)

[11.104.3 Transitional arrangements for application of Distribution Service Classification Guidelines and service classification provisions 1567](#_Toc256002425)

[11.104.4 Transitional arrangements for application of Asset Exemption Guidelines, exemption applications and asset exemption decisions 1567](#_Toc256002426)

[11.104.5 Transitional arrangements for adjustment in value of regulatory asset base 1569](#_Toc256002427)

[Part ZZZG Declaration of lack of reserve conditions 1569](#_Toc256002428)

[11.105 Making of lack of reserve declaration guidelines 1569](#_Toc256002429)

[11.105.1 Definitions 1569](#_Toc256002430)

[11.105.2 Making of lack of reserve declaration guidelines 1569](#_Toc256002431)

[Part ZZZH Implementation of demand management incentive scheme 1569](#_Toc256002432)

[11.106 Implementation of demand management incentive scheme 1569](#_Toc256002433)

[11.106.1 Definitions 1569](#_Toc256002434)

[11.106.2 Purpose 1570](#_Toc256002435)

[11.106.3 Early application of revised demand management incentive scheme 1570](#_Toc256002436)

[Part ZZZI Reinstatement of long notice Reliability and Emergency Reserve Trader 1571](#_Toc256002437)

[11.107 Rules consequential on the making of the National Electricity Amendment (Reinstatement of long notice Reliability and Emergency Reserve Trader) Rule 2018 1571](#_Toc256002438)

[11.107.1 Definitions 1571](#_Toc256002439)

[11.107.2 New RERT guidelines 1572](#_Toc256002440)

[11.107.3 Amendments to RERT procedures 1575](#_Toc256002441)

[11.107.4 Reserve contracts entered into before the commencement date 1575](#_Toc256002442)

[Part ZZZJ Register of distributed energy resources 1575](#_Toc256002443)

[11.108 Rules consequential on the making of the National Electricity Amendment (Register of distributed energy resources) Rule 2018 1575](#_Toc256002444)

[11.108.1 Definitions 1575](#_Toc256002445)

[11.108.2 AEMO to develop and publish DER register information guidelines 1576](#_Toc256002446)

[11.108.3 NSPs to provide AEMO with existing DER generation information 1576](#_Toc256002447)

[Part ZZZK Generator technical performance standards 1576](#_Toc256002448)

[11.109 Rules consequential on the making of the National Electricity Amendment (Generator technical performance standards) Rule 2018 1576](#_Toc256002449)

[11.109.1 Definitions 1576](#_Toc256002450)

[11.109.2 Application of the Amending Rule to existing connection enquiries 1577](#_Toc256002451)

[11.109.3 Application of the Amending Rule to existing applications to connect 1578](#_Toc256002452)

[11.109.4 Application of the Amending Rule to existing offers to connect 1580](#_Toc256002453)

[11.109.5 Application of the Amending Rule to Existing Connection Agreements 1580](#_Toc256002454)

[Part ZZZL Generator three year notice of closure 1581](#_Toc256002455)

[11.110 Rules consequential on the making of the National Electricity Amendment (Generator three year notice of closure) Rule 2018 1581](#_Toc256002456)

[11.110.1 Definitions 1581](#_Toc256002457)

[11.110.2 AER to develop and publish notice of closure exemption guideline 1581](#_Toc256002458)

[11.110.3 Application of Amending Rule to AEMO 1581](#_Toc256002459)

[11.110.4 Application of Amending Rule to Generators 1581](#_Toc256002460)

[Part ZZZM Participant compensation following market suspension 1582](#_Toc256002461)

[11.111 Rules consequential on the making of the National Electricity Amendment (Participant compensation following market suspension) Rule 2018 1582](#_Toc256002462)

[11.111.1 Definitions 1582](#_Toc256002463)

[11.111.2 Market suspension compensation methodology and schedule of benchmark values 1582](#_Toc256002464)

[Part ZZZN Global settlement and market reconciliation 1582](#_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 1582](#_Toc256002466)

[11.112.1 Definitions 1582](#_Toc256002467)

[11.112.2 Amendments to AEMO procedures 1583](#_Toc256002468)

[11.112.3 AEMO to publish report on unaccounted for energy trends 1583](#_Toc256002469)

[11.112.4 Continuation of registration for non-market generators 1583](#_Toc256002470)

[11.112.5 Publication of UFE data by AEMO 1584](#_Toc256002471)

[11.112.6 Publication of UFE reporting guidelines 1584](#_Toc256002472)

[Part ZZZO Metering installation timeframes 1584](#_Toc256002473)

[11.113 Rules consequential on making of the National Electricity Amendment (Metering installation timeframes) Rule 2018 1584](#_Toc256002474)

[11.113.1 Definitions 1584](#_Toc256002475)

[11.113.2 Timeframes for meters to be installed 1584](#_Toc256002476)

[Part ZZZP Early implementation of ISP priority projects 1585](#_Toc256002477)

[11.114 National Electricity Amendment (Early implementation of ISP priority projects) Rule 2019 1585](#_Toc256002478)

[11.114.1 Definitions 1585](#_Toc256002479)

[11.114.2 Modifications to clause 5.16.6 for ISP VNI and QNI projects 1586](#_Toc256002480)

[11.114.3 Modifications to clause 6A.8.2 for ISP projects 1587](#_Toc256002481)

[Part ZZZQ Enhancement to the Reliability and Emergency Reserve Trader 1589](#_Toc256002482)

[11.115 Rules consequential on the making of the National Electricity Amendment (Enhancement to the reliability and emergency reserve trader) Rule 2019 1589](#_Toc256002483)

[11.115.1 Definitions 1589](#_Toc256002484)

[11.115.2 New RERT guidelines 1590](#_Toc256002485)

[11.115.3 Amendments to RERT procedures 1590](#_Toc256002486)

[11.115.4 Reserve contracts entered into before the commencement date 1590](#_Toc256002487)

[11.115.5 Clause 3.20.6 (Reporting on RERT by AEMO) 1590](#_Toc256002488)

[Part ZZZR Retailer Reliability Obligation 1590](#_Toc256002489)

[11.116 Rules consequential on the making of the National Electricity Amendment (Retailer Reliability Obligation) Rule 2019 1590](#_Toc256002490)

[11.116.1 Application 1590](#_Toc256002491)

[11.116.2 Reliability Instrument Guidelines 1591](#_Toc256002492)

[11.116.3 Forecasting Best Practice Guidelines 1591](#_Toc256002493)

[11.116.4 Reliability Forecast Guidelines 1591](#_Toc256002494)

[11.116.5 AER Opt-in Guidelines 1592](#_Toc256002495)

[11.116.6 Contracts and Firmness Guidelines 1592](#_Toc256002496)

[11.116.7 Qualifying contracts under interim Contracts and Firmness Guidelines 1592](#_Toc256002497)

[11.116.8 Grandfathering arrangements 1593](#_Toc256002498)

[11.116.9 Reliability Compliance Procedures and Guidelines 1594](#_Toc256002499)

[11.116.10 MLO Guidelines 1594](#_Toc256002500)

[11.116.11 Application of Part G, Divisions 2 – 6 (inclusive) 1594](#_Toc256002501)

[11.116.12 Interim deeming of MLO generators and MLO groups 1595](#_Toc256002502)

[11.116.13 MLO information template 1602](#_Toc256002503)

[11.116.14 Initial MLO register 1602](#_Toc256002504)

[11.116.15 Approved MLO products list 1602](#_Toc256002505)

[11.116.16 Designated MLO exchange 1602](#_Toc256002506)

[11.116.17 Five minute settlement intervals 1602](#_Toc256002507)

[11.116.18 Review by AEMC 1603](#_Toc256002508)

[Part ZZZS Transparency of new projects 1603](#_Toc256002509)

[11.117 Rules consequential on the making of the National Electricity Amendment (Transparency of new projects) Rule 2019 1603](#_Toc256002510)

[11.117.1 Definitions 1603](#_Toc256002511)

[11.117.2 Generation information page 1603](#_Toc256002512)

[11.117.3 Generation information guidelines 1603](#_Toc256002513)

[11.117.4 Provision and use of information 1604](#_Toc256002514)

[Part ZZZT Demand management incentive scheme and innovation allowance for TNSPs 1604](#_Toc256002515)

[11.118 Rules consequential on the making of the National Electricity Amendment (Demand management incentive scheme and innovation allowance for TNSPs) Rule 2019 1604](#_Toc256002516)

[11.118.1 Definitions 1604](#_Toc256002517)

[11.118.2 AER to develop and publish the demand management innovation allowance mechanism 1605](#_Toc256002518)

[Part ZZZU Application of the regional reference node test to the Reliability and Emergency Reserve Trader 1605](#_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 1605](#_Toc256002520)

[11.119.1 Definitions 1605](#_Toc256002521)

[11.119.2 AEMO intervention event in effect on commencement date 1605](#_Toc256002522)

[Part ZZZV Improving Transparency and Extending Duration of MT PASA 1605](#_Toc256002523)

[11.120 Rules consequential on the making of the National Electricity Amendment (Improving transparency and extending duration of MT PASA) Rule 2020 1605](#_Toc256002524)

[11.120.1 AEMO to update spot market operations timetable 1605](#_Toc256002525)

[Part ZZZW Victorian jurisdictional derogation – RERT contracting 1606](#_Toc256002526)

[11.121 Rules consequential on the making of the National Electricity Amendment (Victorian jurisdictional derogation - RERT contracting) Rule 2020 1606](#_Toc256002527)

[11.121.1 Definitions 1606](#_Toc256002528)

[11.121.2 Procedures 1606](#_Toc256002529)

[Part ZZZX Mandatory primary frequency response 1606](#_Toc256002530)

[11.122 Rules consequential on the making of the National Electricity Amendment (Mandatory primary frequency response) Rule 2020 1606](#_Toc256002531)

[11.122.1 Definitions 1606](#_Toc256002532)

[11.122.2 Interim Primary Frequency Response Requirements 1606](#_Toc256002533)

[11.122.3 Action taken prior to commencement 1607](#_Toc256002534)

[Part ZZZY System restart services, standards and testing 1607](#_Toc256002535)

[11.123 Rules consequential on the making of the National Electricity Amendment (System restart services, standards and testing) Rule 2020 1607](#_Toc256002536)

[11.123.1 Definitions 1607](#_Toc256002537)

[11.123.2 SRAS Guideline 1608](#_Toc256002538)

[11.123.3 System restart standard 1608](#_Toc256002539)

[11.123.4 Communication protocols 1608](#_Toc256002540)

[11.123.5 System restart tests 1608](#_Toc256002541)

[Part ZZZZ Introduction of metering coordinator planned interruptions 1609](#_Toc256002542)

[11.124 Rules consequential on the making of the National Electricity Amendment (Introduction of metering coordinator planned interruptions) Rule 2020 1609](#_Toc256002543)

[11.124.1 Definitions 1609](#_Toc256002544)

[11.124.2 Amendments of the metrology procedure 1609](#_Toc256002545)

[11.124.3 Market Settlement and Transfer Solutions Procedures 1609](#_Toc256002546)

[11.124.4 Requirements of the metrology procedure 1609](#_Toc256002547)

[Part ZZZZA Wholesale demand response 1610](#_Toc256002548)

[11.125 Rules consequential on the making of the National Electricity Amendment (Wholesale demand response mechanism) Rule 2020 1610](#_Toc256002549)

[11.125.1 Definitions 1610](#_Toc256002550)

[11.125.2 Wholesale demand response guidelines 1611](#_Toc256002551)

[11.125.3 Baseline methodologies 1611](#_Toc256002552)

[11.125.4 Wholesale demand response participation guidelines 1611](#_Toc256002553)

[11.125.5 Extension of time for registration and aggregation 1611](#_Toc256002554)

[11.125.6 Amendments to AEMO, AER and AEMC documents 1612](#_Toc256002555)

[11.125.7 Amendments to the demand side participation information guidelines 1613](#_Toc256002556)

[11.125.8 Amendment to RERT guidelines 1613](#_Toc256002557)

[11.125.9 Renaming of Market Ancillary Service Providers 1613](#_Toc256002558)

[11.125.10 Wholesale demand response annual reporting 1613](#_Toc256002559)

[Part ZZZZB Integrated System Planning Rules 1614](#_Toc256002560)

[11.126 Rules consequential on the making of the National Electricity Amendment (Integrated System Planning) Rule 2020 1614](#_Toc256002561)

[11.126.1 Definitions 1614](#_Toc256002562)

[11.126.2 2020 Integrated System Plan 1614](#_Toc256002563)

[11.126.3 Existing actionable ISP projects 1615](#_Toc256002564)

[11.126.4 Existing actionable ISP projects at the clause 5.16.6 stage 1615](#_Toc256002565)

[11.126.5 Existing actionable ISP projects prior to the clause 5.16.6 stage 1615](#_Toc256002566)

[11.126.6 Existing RIT-T proponent has published a PSCR but not a PADR 1616](#_Toc256002567)

[11.126.7 Cost Benefit Analysis Guidelines 1616](#_Toc256002568)

[11.126.8 Forecasting Best Practice Guidelines 1616](#_Toc256002569)

[11.126.9 Methodologies and reports 1617](#_Toc256002570)

[11.126.10 AEMC review of ISP framework 1617](#_Toc256002571)

[Part ZZZZC Deferral of network charges 1617](#_Toc256002572)

[11.127 Transitional arrangements made by the National Electricity Amendment (Deferral of network charges) Rule 2020 No. 11 1617](#_Toc256002573)

[11.127.1 Definitions 1617](#_Toc256002574)

[11.127.2 Deferral of payment of network charges 1618](#_Toc256002575)

[11.127.3 Deferral of payment of charges for prescribed transmission services 1619](#_Toc256002576)

[11.127.4 AER reporting 1620](#_Toc256002577)

[11.127.5 Application of this Part 1620](#_Toc256002578)

[Part ZZZZD Interim reliability measure 1621](#_Toc256002579)

[11.128 Rules consequential on the making of the National Electricity Amendment (Interim reliability measure) Rule 2020 1621](#_Toc256002580)

[11.128.1 Definitions 1621](#_Toc256002581)

[11.128.2 Expiry date 1621](#_Toc256002582)

[11.128.3 Application of rule 3.20 1621](#_Toc256002583)

[11.128.4 Reserve contracts for interim reliability reserves 1621](#_Toc256002584)

[11.128.5 Interim reliability reserves – reporting 1623](#_Toc256002585)

[11.128.6 AEMO exercise of RERT 1624](#_Toc256002586)

[11.128.7 RERT guidelines 1624](#_Toc256002587)

[11.128.8 RERT procedures 1625](#_Toc256002588)

[11.128.9 Reliability standard implementation guidelines 1625](#_Toc256002589)

[11.128.10 AEMO preparatory activities 1625](#_Toc256002590)

[11.128.11 Reserve contracts entered into before the commencement date 1625](#_Toc256002591)

[11.128.12 Review by the AEMC 1625](#_Toc256002592)

[Part ZZZZE Removal of intervention hierarchy 1626](#_Toc256002593)

[11.129 Rules consequential on making of the National Electricity Amendment (Removal of intervention hierarchy) Rule 2020 1626](#_Toc256002594)

[11.129.1 Definitions 1626](#_Toc256002595)

[11.129.2 Procedures 1627](#_Toc256002596)

[Part ZZZZF Reallocation of National Transmission Planner costs 1627](#_Toc256002597)

[11.130 Rule consequential on the making of the National Electricity Amendment (Reallocation of National Transmission Planner costs) Rule 2020 1627](#_Toc256002598)

[11.130.1 Allocation of NTP costs 1627](#_Toc256002599)

[Part ZZZZG Transparency of unserved energy calculation 1629](#_Toc256002600)

[11.131 Rules consequential on the making of the National Electricity Amendment (Transparency of unserved energy calculation) Rule 2020 No. 16 1629](#_Toc256002601)

[11.131.1 AEMO to update the reliability standard implementation guidelines 1629](#_Toc256002602)

[Part ZZZZH Retailer Reliability Obligation trigger 1629](#_Toc256002603)

[11.132 Rules consequential on the making of the National Electricity Amendment (Retailer Reliability Obligation trigger) Rule 2020 1629](#_Toc256002604)

[11.132.1 Definitions 1629](#_Toc256002605)

[11.132.2 Reliability standard 1629](#_Toc256002606)

[11.132.3 AEMO request for a T-3 reliability instrument 1629](#_Toc256002607)

[11.132.4 When a decision by the AER must be made 1629](#_Toc256002608)

[11.132.5 Reliability Forecast Guidelines 1630](#_Toc256002609)

[11.132.6 AEMO preparatory activities 1630](#_Toc256002610)

[11.132.7 AER preparatory activities 1630](#_Toc256002611)

[Part ZZZZI Compensation following directions for services other than energy and market ancillary services 1630](#_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 1630](#_Toc256002613)

[11.133.1 Definitions 1630](#_Toc256002614)

[11.133.2 Compensation process in effect on commencement date 1630](#_Toc256002615)

[11.133.3 Direction in effect on commencement date 1631](#_Toc256002616)

[Part ZZZZJ Prudent discounts in an adoptive jurisdiction 1631](#_Toc256002617)

[11.134 Rules consequential on the making of the National Electricity Amendment (Prudent discounts in an adoptive jurisdiction) Rule 2020 No. 19 1631](#_Toc256002618)

[11.134.1 Definitions 1631](#_Toc256002619)

[11.134.2 Prudent discount application before commencement date 1631](#_Toc256002620)

[Part ZZZZK Technical standards for Distributed Energy Resources 1632](#_Toc256002621)

[11.135 Rules consequential on the making of the National Electricity Amendment (Technical standards for Distributed Energy Resources) Rule 2021 No. 1 1632](#_Toc256002622)

[11.135.1 Definitions 1632](#_Toc256002623)

[11.135.2 Application of the Amending Rule to existing connection applications 1632](#_Toc256002624)

[11.135.3 Application of the Amending Rule to existing offers 1632](#_Toc256002625)

[11.135.4 Application of the Amending Rule to existing connection contracts 1633](#_Toc256002626)

[Part ZZZZL Semi-scheduled generator dispatch obligations 1633](#_Toc256002627)

[11.136 Rules consequential on the making of the National Electricity Amendment (Semi-scheduled generator dispatch obligations) Rule 2021 1633](#_Toc256002628)

[11.136.1 AEMO to update power system operating procedure 1633](#_Toc256002629)