**National Electricity Rules Version 126**

**Historical Information**

This version of the National Electricity Rules was current from 7 November 2019 to 20 November 2019.

**National Electricity Rules Version 126**

# Status Information

This is the latest electronically available version of the National Electricity Rules as at 7 November 2019.

This consolidated version of the National Electricity Rules was last updated on 7 November 2019 as a result of the commencement of the following amendments:

Schedule 4 of the National Electricity Amendment (Transparency of new projects) Rule 2019 No. 8

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 90E 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:

Schedules 1 to 3 of the National Electricity Amendment (Register of distributed energy resources) Rule 2018 No. 9 will commence operation on 1 December 2019.

Schedules 2 and 3 of the National Electricity Amendment (Transparency of new projects) Rule 2019 No. 8 will commence operation on 1 December 2019.

Schedule 1 of the National Electricity Amendment (Transparency of new projects) Rule 2019 No. 8 will commence operation on 19 December 2019.

National Electricity Amendment (Monitoring and reporting on frequency control framework) Rule 2019 No. 6 will commence on 1 January 2020.

Schedule 1 of the National Electricity Amendment (Enhancement to the Reliability and Emergency Reserve Trader) Rule 2019 No. 3 will commence operation on 26 March 2020.

Schedule 2 of the National Electricity Amendment (Retailer Reliability Obligation) Rule 2019 will commence operation on 26 March 2020 immediately after the commencement of Schedule 1 of the National Electricity Amendment (Enhancement to the Reliability and Emergency Reserve Trader) Rule 2019 No. 3.

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

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

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

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

Schedules 1 to 4 of the National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 No. 14 will commence operation on 6 February 2022.

Schedules 3 to 5 of the National Electricity Amendment (Five minute settlement and global settlement implementation amendments) Rule 2019 No. 7 will commence operation on 6 February 2022, immediately after the commencement of Schedules 1 to 4 of the National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 No. 14*.*

# TABLE OF CONTENTS

1. **Introduction 1**

# Preliminary 3

* + 1. References to the Rules 3
    2. Italicised expressions 3
    3. [Deleted] 3

# Background 3

# Nomenclature of and references to provisions of a Chapter 3

* + 1. Introduction 3
    2. Parts, Divisions and Subdivisions 3
    3. Rules, clauses, paragraphs, subparagraphs and other items 4

# Effect of renumbering of provisions of the Rules 4

# [Deleted] 5

# [Deleted] 5

# Interpretation 5

* + 1. General 5

# Notices 6

* + 1. Service of notices under the Rules 6
    2. Time of service 6
    3. Counting of days 7
    4. Reference to addressee 7

# Retention of Records and Documents 7

# [Deleted] 7

# AEMO Rule Funds 7

1. **Registered Participants and Registration 9**

# Registered Participants 11

* + 1. Purpose 11
    2. General 11

# Generator 11

* + 1. Registration as a Generator 11
    2. Scheduled Generator 12
    3. Non-Scheduled Generator 13
    4. Market Generator 14
    5. Non-Market Generator 15
    6. Ancillary services generating unit 15
    7. Semi-Scheduled Generator 16

# Customer 18

* + 1. Registration as a Customer 18
    2. First-Tier Customer 19
    3. Second-Tier Customer 19
    4. Market Customer 20
    5. Ancillary services load 20

# 2.3A Small Generation Aggregator 23

2.3A.1 Registration 23

# 2.3AA Market Ancillary Service Provider 23

* 1. AA.1 Registration 23

# Market Participant 24

* + 1. Registration as a category of Market Participant 24
    2. Eligibility 25

# 2.4A Metering Coordinator 25

2.4A.1 Registration as a Metering Coordinator 25

* 1. A.2 Eligibility 25

# Network Service Provider 26

* + 1. Registration as a Network Service Provider 26
    2. A Dedicated Connection Asset Service Provider 28
    3. Market Network Service 29
    4. Scheduled Network Service 29

# 2.5A Trader 30

# B Reallocator 31

# Special Participant 32

# Intention to Commence Activities or Functions 32

# Registered Participant Rights and Obligations 33

* + 1. Rights and obligations 33

# Application to be Registered as a Registered Participant 33

* + 1. Applications for Registration 33
    2. Registration as a Registered Participant 33
    3. Registration as an Intermediary 34

# 2.9A Transfer of Registration 35

2.9A.1 Definitions 35

2.9A.2 Applications for Transfer of Registration 35

* 1. A.3 Approval for Transfer of Registration 36

# Ceasing to be a Registered Participant 37

* + 1. Notification of intention 37
    2. Ceasing Participation 39
    3. Liability after cessation 40

# Participant Fees 40

* + 1. A Application 40
    2. Development of Participant fee structure 40
    3. Payment of Participant fees 42
    4. Budgeted revenue requirements 43

# Interpretation of References to Various Registered Participants 44

**2A. Regional Structure 47**

# Part A Region change applications and region determinations by AEMC 49

# 2A.1 Introduction to Chapter 2A 49

2A.1.1 Definitions 49

2A.1.2 AEMC determination of regions 49

2A.1.3 Publication of regions by AEMO 49

# 2A.2 Region change applications 49

2A.2.1 A complete region change application 49

2A.2.2 Identifying a congestion problem 50

2A.2.3 Explanation of economic efficiency of proposed region solution 50

2A.2.4 Region change application must be technically competent 50

2A.2.5 Alternative congestion management options 51

2A.2.6 Previous application relating to congestion problem 51

2A.2.7 AEMO to provide information to intending applicants 52

2A.2.8 AEMC may refuse to accept incomplete applications 53

# 2A.3 Acceptance of region change application by AEMC 53

2A.3.1 Acceptance of a region change application by AEMC 53

2A.3.2 Preliminary consultation prior to acceptance of a region change application 53

# 2A.4 First round consultation on region change application 54

2A.4.1 Notice of first round consultation 54

2A.4.2 Right to make written submissions during first round consultation period.54 2A.4.3 Alternative region solution put forward by third parties 55

2A.4.4 Acceptance as a formal alternative region solution by AEMC 55

# 2A.5 Provision of supplementary economic analysis 56

2A.5.1 AEMC may direct provision of supplementary analysis 56

2A.5.2 AEMC may direct AEMO to provide information 56

# 2A.6 Region determinations 57

2A.6.1 AEMC powers to make a region determination 57

2A.6.2 Matters for consideration in making region determination 57

# 2A.7 Draft region determination and second round consultation 58

2A.7.1 Publishing of draft region determination 58

2A.7.2 Second round consultation 58

2A.7.3 Right to make written submissions during second round consultation 58

# 2A.8 Final region determination 59

2A.8.1 Final determination for region change 59

2A.8.2 Formal publication of region determination 59

# 2A.9 Miscellaneous matters for region change process 59

2A.9.1 AEMC may extend periods of time specified in Chapter 2A 59

2A.9.2 Consultation meeting in relation to region change application 59

# Part B Implementation of region determination 60

# 2A.10 Purpose and application of Part B 60

2A.10.1 Purpose of Part B 60

2A.10.2 Application of Part B 60

# 2A.11 Region Change Implementation Procedure 60

2A.11.1 Submission of draft Region Change Implementation Procedure 60

2A.11.2 Approved Region Change Implementation Procedure 61

# 2A.12 AEMO region change implementation functions 61

2A.12.1 General implementation functions 61

2A.12.2 Implementation functions referable to published implementation

procedure 61

2A.12.3 Amendment of current or subsequent Regions and Loss Factors

Publication 61

# 2A.13 Continuity of regions 62

# Schedule 2A.1 Glossary for Chapter 2A 62

1. **Market Rules 65**

# Introduction to Market Rules 67

* + 1. Purpose 67
    2. A Definitions 67
    3. [Deleted] 68
    4. [Deleted] 68
    5. Market design principles 68
    6. Time for undertaking action 69

# AEMO's Market Responsibilities 69

* + 1. Market functions of AEMO 69
    2. Spot market 69
    3. Power system operations 70
    4. Non-market ancillary services function 70
    5. [Deleted] 70
    6. Settlements 70

# Prudential Requirements 70

* + 1. Market Participant criteria 70
    2. Credit support 71
    3. Acceptable credit criteria 71
    4. Acceptable credit rating 72
    5. A Prudential standard 72
    6. Amount of credit support 72
    7. Changes to credit support 73
    8. Drawings on credit support 73
    9. Credit limit procedures and prudential settings 74
    10. A Security Deposits 76
    11. Outstandings 76
    12. Trading limit 76
    13. Call notices 77
    14. Typical accrual 77
    15. Response to Call Notices 78
    16. A Application of monies in the security deposit fund 78
    17. Potential value of a transaction 80
    18. Trading margin 80
    19. Limitation on entry of transactions 80
    20. Scheduled prices 81
    21. Additional credit support 81
    22. Consideration of other Market Participant transactions 81

# Spot Market 82

* + 1. Establishment of spot market 82
    2. Trading day and trading interval 82
    3. Spot market operations timetable 82

# Regions 83

* + 1. [Deleted] 83
    2. [Deleted] 83
    3. [Deleted] 83
    4. [Deleted] 83
    5. [Deleted] 83
    6. [Deleted] 83

# Network Losses and Constraints 83

* + 1. Inter-regional losses 83
    2. Intra-regional losses 84
    3. A Load and generation data used to determine inter-regional loss factor equations and intra-regional loss factors 88
    4. Distribution losses 89
    5. Network constraints 93
    6. Settlements residue due to network losses and constraints 94

# Projected Assessment of System Adequacy 96

* + 1. Administration of PASA 96
    2. Medium term PASA 97
    3. Short term PASA 99

# 3.7A Congestion information resource 102

# 3.7B Unconstrained intermittent generation forecast 104

# 3.7C Energy Adequacy Assessment Projection 105

# D Demand side participation information 108

# Central Dispatch and Spot Market Operation 111

* + 1. Central Dispatch 111
    2. Participation in central dispatch 112
    3. Bid and offer aggregation guidelines 113
    4. A Ramp rates 115
    5. Notification of scheduled capacity 117
    6. Submission timing 119
    7. Generating unit offers for dispatch 119
    8. A Scheduled network service offers for dispatch 121
    9. Bids for scheduled load 122
    10. A Market ancillary services offers 124
    11. Validation of dispatch bids and offers 125
    12. Default offers and bids 126
    13. Network constraints 127
    14. Ancillary services constraints 128
    15. System scheduled reserve constraints 128
    16. Notification of constraints 129
    17. Dispatch under conditions of supply scarcity 129
    18. [Deleted] 129
    19. Equal priced dispatch bids and dispatch offers 129
    20. Self-commitment 130
    21. Self-decommitment 130
    22. Dispatch inflexibilities 131
    23. Pre-dispatch schedule 133
    24. On-line dispatch process 135
    25. Rebidding 136
    26. A Offers, bids and rebids must not be false or misleading 138
    27. Failure to conform to dispatch instructions 140
    28. Scheduling errors 142

# Price Determination 142

* + 1. Principles applicable to spot price determination 142
    2. Determination of spot prices 144

3.9.2A Determination of ancillary services prices 145

* + 1. B Pricing where AEMO determines a manifestly incorrect input 146
    2. Pricing in the event of intervention by AEMO 147

3.9.3A Reliability standard and settings review 148

3.9.3B Reliability standard and settings review report 149

3.9.3C Reliability standard 150

* + 1. D Implementation of the reliability standard 151
    2. Market Price Cap 151
    3. Application of the Market Price Cap 152
    4. Market Floor Price 153
    5. A Application of the Market Floor Price 153
    6. Pricing for constrained-on scheduled generating units 153

# [Deleted] 154

# Ancillary Services 154

* + 1. Introduction 154
    2. Market ancillary services 155
    3. Acquisition of Network Support and Control Ancillary Service 156
    4. Guidelines and objectives for acquisition of network support and control ancillary services 157
    5. Tender process for network support and control ancillary services 157
    6. Dispatch of network support and control ancillary services by AEMO 159
    7. Guidelines and objectives for acquisition of system restart ancillary services by AEMO 160
    8. Determination of electrical sub-network boundaries 161
    9. Acquisition of system restart ancillary services by AEMO 162
    10. Reporting 163

# Market Intervention by AEMO 163

* + 1. Intervention settlement timetable 163
    2. Affected Participants and Market Customers entitlements to compensation in relation to AEMO intervention 164
    3. Role of the Independent Expert in calculating payments in relation to intervention by AEMO and market suspension pricing schedule periods.168

# 3.12A Mandatory restrictions 170

3.12A.1 Restriction offers 170

3.12A.2 Mandatory restrictions schedule 172

3.12A.3 Acquisition of capacity 173

3.12A.4 Rebid of capacity under restriction offers 173

3.12A.5 Dispatch of restriction offers 173

3.12A.6 Pricing during a restriction price trading interval 174

3.12A.7 Determination of funding restriction shortfalls 174

3.12A.8 Cancellation of a mandatory restriction period 178

* 1. A.9 Review by AEMC 179

# Market Information 179

* + 1. Provision of information 179
    2. Systems and procedures 179
    3. Standing data 181
    4. A Statement of opportunities 186
    5. Spot market 188
    6. A Market ancillary services 192
    7. Ancillary services contracting by AEMO 193
    8. A Settlements residue auctions 193
    9. [Deleted] 193
    10. A Report by AEMO 193
    11. Monitoring of significant variation between forecast and actual prices by AER 194
    12. Public information 195
    13. [Deleted] 196
    14. Market auditor 196
    15. [Deleted] 197
    16. NMI Standing Data 197
    17. A NMI Standing Data Schedule 200
    18. Inter-network tests 201
    19. Carbon Dioxide Equivalent Intensity Index 201

# Administered Price Cap and Market Suspension 204

* + 1. Cumulative Price Threshold and Administered Price Cap 204
    2. Application of Administered Price Cap 206
    3. Conditions for suspension of the spot market 207
    4. Declaration of market suspension 208
    5. Pricing during market suspension 209

3.14.5A Payment of compensation due to market suspension pricing schedule periods 211

* + 1. B Claims for additional compensation due to market suspension pricing schedule periods 214
    2. Compensation due to the application of an administered price cap or administered floor price 216

# Settlements 220

* + 1. Settlements management by AEMO 220
    2. Electronic funds transfer 220
    3. Connection point and virtual transmission node responsibility 221
    4. Adjusted energy amounts connection points 221
    5. Adjusted energy - transmission network connection points 221
    6. A Adjusted energy - virtual transmission nodes 222
    7. Spot market transactions 222
    8. A Ancillary service transactions 223
    9. Payment to Directed Participants 235

3.15.7A Payment to Directed Participants for services other than energy and market ancillary services 237

* + 1. B Claim for additional compensation by Directed Participants 240
    2. Funding of Compensation for directions 242
    3. A Funding of compensation for market suspension pricing schedule periods 246
    4. Reserve settlements 248
    5. Administered price cap or administered floor price compensation

payments 249

3.15.10A Goods and services tax 250

3.15.10B Restriction contract amounts 251

* + 1. C Intervention and Market Suspension Pricing Schedule Period Settlements 252
    2. Reallocation transactions 256
    3. A Reallocation procedures 257
    4. Settlement amount 258
    5. Payment of settlement amount 259
    6. Preliminary statements 259
    7. Final statements 259
    8. A Use of estimated settlement amounts by AEMO 259
    9. Payment by market participants 260
    10. Payment to market participants 260
    11. Disputes 260
    12. Revised Statements and Adjustments 260
    13. Payment of adjustments 263
    14. Default procedure 263
    15. Maximum total payment in respect of a billing period 267
    16. Maximum total payment in respect of a financial year 269
    17. Compensation for reductions under clause 3.15.23 270
    18. Interest on overdue amounts 270

# Participant compensation fund 270

* + 1. Establishment of Participant compensation fund 270
    2. Dispute resolution panel to determine compensation 271

# [Deleted] 273

# Settlements Residue Auctions 273

* + 1. Settlements residue concepts 273
    2. Auctions and eligible persons 274
    3. Auction rules 275
    4. A Secondary trading of SRD units 276
    5. Proceeds and fees 276
    6. A Secondary trading proceeds and margin 277
    7. Settlement residue committee 278

# Market Management Systems Access Procedures 280

# Reliability and Emergency Reserve Trader 280

* + 1. [Deleted] 280
    2. Reliability and emergency reserve trader 280
    3. Reserve contracts 281
    4. Dispatch pricing methodology for unscheduled reserve contracts 282
    5. AEMO's risk management and accounts relating to the reliability safety net 282
    6. Reporting on RERT by AEMO 283
    7. AEMO's exercise of the RERT 285
    8. RERT Guidelines 286
    9. [Deleted] 287

# Schedule 3.1 Bid and Offer Validation Data 287

# Schedule 3.2 [Deleted] 291

# Schedule 3.3 [Deleted] 291

1. **Power System Security 293**

# Introduction 295

* + 1. Purpose 295

# Definitions and Principles 295

* + 1. [Deleted] 295
    2. Satisfactory Operating State 295
    3. Credible and non-credible contingency events and protected events 296

4.2.3A Re-classifying contingency events 297

* + 1. B Criteria for re-classifying contingency events 298
    2. Secure operating state and power system security 299
    3. Technical envelope 299
    4. General principles for maintaining power system security 300
    5. Reliable Operating State 301
    6. Time for undertaking action 301

# Power System Security Responsibilities and Obligations 301

* + 1. Responsibility of AEMO for power system security 301
    2. System security 303
    3. The role of System Operators 306
    4. Network Service Providers 308
    5. Market Customer obligations 313

# Power System Frequency Control 313

* + 1. Power system frequency control responsibilities 313
    2. Operational frequency control requirements 313
    3. Generator protection requirements 314
    4. Instructions to enable inertia network services 314
    5. Instructions to enable system strength services 315

# Control of Power System Voltage 317

* + 1. Power system voltage control 317
    2. Reactive power reserve requirements 317
    3. Audit and testing 318

# Protection of Power System Equipment 318

* + 1. Power system fault levels 318
    2. Power system protection co-ordination 318
    3. Audit and testing 318
    4. Short-term thermal ratings of power system 319
    5. Partial outage of power protection systems 319
    6. System strength impact assessment guidelines 319

# Power System Stability Co-ordination 321

* + 1. Stability analysis co-ordination 321
    2. Audit and testing 321

# Power System Security Operations 321

* + 1. Registered Participants' advice 321
    2. Protection or control system abnormality 322
    3. AEMO's advice on power system emergency conditions 322
    4. Declaration of conditions 322

4.8.4A Reserve level declaration guidelines 323

* + 1. B Lack of reserve framework reporting 324
    2. Managing declarations of conditions 324

4.8.5A Determination of the latest time for AEMO intervention 325

* + 1. B Notifications of last time of AEMO intervention 326
    2. [Deleted] 326
    3. Managing a power system contingency event 326
    4. [Deleted] 326
    5. Power to issue directions and clause 4.8.9 instructions 326
    6. A System security directions 328
    7. Disconnection of generating units and market network services 329
    8. [Deleted] 329
    9. System restart plan and local black system procedures 329
    10. [Deleted] 330
    11. Power system restoration 330
    12. Review of operating incidents 331

# Power System Security Related Market Operations 333

* + 1. Load forecasting 333
    2. Instructions to Scheduled Generators and Semi-Scheduled Generators 334
    3. A Dispatch Instructions to Scheduled Network Service Providers 335
    4. Instructions to Registered Participants 335

4.9.3A Ancillary services instructions 336

* + 1. B Compliance with dispatch instructions 336
    2. Dispatch related limitations on Scheduled Generators and Semi-Scheduled Generators 337
    3. A Dispatch related limitations on Scheduled Network Service Providers 338
    4. Form of dispatch instructions 339
    5. Commitment of scheduled generating units 339
    6. De-commitment, or output reduction, by Scheduled Generators 340
    7. General responsibilities of Registered Participants 341
    8. Scheduled Generator plant changes 342

4.9.9A Scheduled Network Service Provider plant changes 342

4.9.9B Ancillary service plant changes 343

4.9.9C Inertia network service availability changes 343

4.9.9D System strength service availability changes 343

# Power System Operating Procedures 343

* + 1. Power system operating procedures 343
    2. Transmission network operations 344
    3. Operating interaction with distribution networks 345
    4. Switching of a Distributor's high voltage networks 345
    5. Switching of reactive power facilities 346
    6. Automatic reclose 346
    7. Inspection of facilities by AEMO 346

# Power System Security Support 346

* + 1. Remote control and monitoring devices 346
    2. Operational control and indication communication facilities 348
    3. Power system voice/data operational communication facilities 348
    4. Records of power system operational communication 350
    5. Agent communications 350

# Nomenclature Standards 351

# [Deleted] 352

# Acceptance of Performance Standards 352

# Compliance with Performance Standards 354

# Transitioning arrangements for establishment of performance standards 357

* + 1. Definitions 357
    2. Exclusions 359
    3. Notification and acceptance of performance standards 360
    4. Actual capability 364
    5. Criteria for, and negotiation of, performance standards 365
    6. Consultation with and assistance by Network Service Providers 368
    7. Referral to expert determination 368
    8. Prior actions 369
    9. Deemed performance standards 369
    10. Modification of connection agreements 369

# Expert determination 370

* + 1. Performance standards committee and appointment of performance standards experts 370
    2. Referral to performance standards expert 371
    3. Determinations of performance standards experts 372
    4. Other matters 373

**4A. Retailer Reliability Obligation 375**

# Part A Introduction 377

# 4A.A Definitions 377

4A.A.1 Definitions 377

4A.A.2 Forecast reliability gap materiality 380

4A.A.3 One-in-two year peak demand forecast 380

4A.A.4 Peak demand 380

# Part B Reliability Forecasts 381

4A.B.1 Reliability forecast 381

4A.B.2 Reliability forecast components 381

4A.B.3 Supporting materials 382

4A.B.4 Reliability Forecast Guidelines 382

4A.B.5 AER Forecasting Best Practice Guidelines 383

# Part C Reliability Instruments 384

# Division 1 AEMO request for a reliability instrument 384

4A.C.1 AEMO request for a reliability instrument 384

4A.C.2 AEMO request for a T-3 reliability instrument 384

4A.C.3 AEMO request for a T-1 reliability instrument 385

4A.C.4 Related T-3 reliability instrument 385

4A.C.5 Notification of a closed forecast reliability gap at T-1 385

4A.C.6 Corrections to a request 386

4A.C.7 Withdrawing a request 386

# Division 2 AER making of a reliability instrument 386

4A.C.8 AER making of a reliability instrument 386

4A.C.9 When a decision by the AER must be made 386

4A.C.10 T-1 reliability instrument components 387

4A.C.11 AER decision making criteria 387

4A.C.12 Reliability Instrument Guidelines 387

# Part D Liable Entities 388

4A.D.1 Application 388

4A.D.2 Liable entities 388

4A.D.3 New entrants 389

4A.D.4 Application to register as large opt-in customer 389

4A.D.5 Application to register as prescribed opt-in customer 390

4A.D.6 Thresholds 391

4A.D.7 Opt-in cut-off day 391

4A.D.8 AER approval of applications 391

4A.D.9 AER opt-in register 392

4A.D.10 Changes to register 392

4A.D.11 AER register taken to be correct 393

4A.D.12 AEMO Opt-In Procedures 393

4A.D.13 AER Opt-In Guidelines 393

# Part E Qualifying Contracts and Net Contract Position 394

# Division 1 Key concepts 394

4A.E.1 Qualifying contracts 394

4A.E.2 Net contract position 395

# Division 2 Firmness methodologies 396

4A.E.3 Firmness methodology 396

4A.E.4 Types of methodologies 396

4A.E.5 Approval of a bespoke firmness methodology 397

# Division 3 Reporting net contract position 397

4A.E.6 Reporting requirements 397

# Division 4 Adjustment of net contract position 398

4A.E.7 Adjustment of net contract position 398

# Division 5 Contracts and Firmness Guidelines 400

4A.E.8 Contracts and Firmness Guidelines 400

# Part F Compliance with the Retailer Reliability Obligation 400

# Division 1 Application 400

4A.F.1 Application 400

# Division 2 Key concepts 401

4A.F.2 Compliance TI 401

4A.F.3 Share of one-in-two year peak demand forecast 401

# Division 3 AEMO notifications to AER 403

4A.F.4 AEMO notification of compliance trading intervals 403

4A.F.5 AEMO compliance report 403

# Division 4 AER assessment of compliance 403

4A.F.6 Reliability Compliance Procedures and Guidelines 403

4A.F.7 AER assessment 403

4A.F.8 AER notification to AEMO for PoLR costs 404

# Division 5 Miscellaneous 404

4A.F.9 Demand response information 404

4A.F.10 PoLR cost procedures 405

# Part G Market Liquidity Obligation 405

# Division 1 Preliminary 405

4A.G.1 Overview of Part G 405

4A.G.2 Purpose and application 406

# Division 2 Market Generators and trading right holders 406

4A.G.3 Market Generators and generator capacity 406

4A.G.4 Trading rights and trading right holders 406

# Division 3 Trading groups 407

4A.G.5 Trading group 407

4A.G.6 Controlling entity 407

# Division 4 Traced capacity and trading group capacity 409

4A.G.7 Traced capacity 409

4A.G.8 Tracing capacity to trading groups 409

4A.G.9 Trading group capacity 410

# Division 5 MLO generators and MLO groups 410

4A.G.10 MLO group 410

4A.G.11 MLO generator 410

# Division 6 Market Generator information 410

4A.G.12 MLO register 410

4A.G.13 Market Generator information 412

4A.G.14 Applications to the AER 413

# Division 7 Liquidity period 414

4A.G.15 Notices prior to a liquidity period 414

4A.G.16 Duration of liquidity period 414

# Division 8 Liquidity obligation 415

4A.G.17 Liquidity obligation 415

4A.G.18 Performing a liquidity obligation 415

4A.G.19 Volume limits 416

4A.G.20 Appointment of MLO nominee 417

4A.G.21 Exemptions 418

# Division 9 MLO products and MLO exchange 419

4A.G.22 MLO products 419

4A.G.23 MLO exchange 419

# Division 10 Miscellaneous 420

4A.G.24 MLO compliance and reporting 420

4A.G.25 MLO Guidelines 420

# Part H Voluntary Book Build 421

4A.H.1 Purpose and application 421

4A.H.2 Book Build Procedures 421

4A.H.3 Commencement of voluntary book build 422

4A.H.4 Participation in the voluntary book build 423

4A.H.5 Book build fees 423

4A.H.6 Reporting 423

1. **Network Connection Access, Planning and Expansion 425**

# Part A Introduction 427

# Introduction to Chapter 5 427

* + 1. Structure of this Chapter 427
    2. Overview of Part B and connection and access under the Rules 427

# Part B Network Connection and Access 430

# 5.1A Introduction to Part B 430

5.1A.1 Purpose and Application 430

* 1. A.2 Principles 432

# Obligations 433

* + 1. Obligations of Registered Participants 433
    2. Connection agreements 433
    3. Obligations of network service providers 434
    4. A Obligations of Market Network Service Providers 439
    5. Obligations of customers 440
    6. Obligations of Generators 441
    7. Obligations of AEMO 443
    8. A AEMO review of technical requirements for connection 443
    9. Obligations of Dedicated Connection Asset Service Providers 444

# 5.2A Transmission network connection and access 445

5.2A.1 Application 445

5.2A.2 Relevant assets 445

5.2A.3 Connection and access to transmission services 446

5.2A.4 Transmission services related to connection 447

5.2A.5 Publication and provision of information 450

5.2A.6 Negotiating principles 451

5.2A.7 Third party IUSAs 451

* 1. A.8 Access framework for large dedicated connection assets 453

# Establishing or Modifying Connection 454

* + 1. Process and procedures 454
    2. A Application of rule to connection of embedded generating units 455
    3. Connection enquiry 455
    4. Response to connection enquiry 457
    5. Application for connection 460

5.3.4A Negotiated access standards 462

* + 1. B System strength remediation for new connections 465
    2. Preparation of offer to connect 468
    3. Offer to connect 469
    4. Finalisation of connection agreements and network operating

agreements 472

* + 1. Provision and use of information 474
    2. Procedure to be followed by a Generator proposing to alter a generating system 475
    3. Acceptance of performance standards for generating plant that is altered 477
    4. Notification of request to change normal voltage 478

# 5.3A Establishing or modifying connection - embedded generation 478

5.3A.1 Application of rule 5.3A 478

5.3A.2 Definitions and miscellaneous 479

5.3A.3 Publication of Information 479

5.3A.4 Fees 481

5.3A.5 Enquiry 482

5.3A.6 Response to Enquiry 483

5.3A.7 Preliminary Response to Enquiry 483

5.3A.8 Detailed Response to Enquiry 484

5.3A.9 Application for connection 485

5.3A.10 Preparation of offer to connect 486

5.3A.11 Technical Dispute 487

5.3A.12 Network support payments and functions 487

# 5.3AA Access arrangements relating to Distribution Networks 487

# B Application for connection to declared shared network 491

# Independent Engineer 491

* + 1. Application 491
    2. Establishment of a pool 492
    3. Initiating the Independent Engineer process 492
    4. Referral to the Adviser 493
    5. Proceedings and decisions of the Independent Engineer 494
    6. Costs of the Independent Engineer 495

# 5.4A [Deleted] 495

# AA [Deleted] 495

# Commercial arbitration for prescribed and negotiated transmission services and large DCA services 495

* + 1. Application 495
    2. Notification of dispute 496
    3. Appointment of commercial arbitrator 496
    4. Procedures of commercial arbitrator 497
    5. Powers of commercial arbitrator in determining disputes 497
    6. Determination of disputes 499
    7. Costs of dispute 499
    8. Enforcement of agreement or determination and requirement for reasons500 5.5.9 Miscellaneous 500

# A [Deleted] 501

# Part C Post-Connection Agreement matters 501

# Design of Connected Equipment 501

* + 1. Application 501
    2. Advice of inconsistencies 501
    3. Additional information 501
    4. Advice on possible non-compliance 502

# A [Deleted] 502

# Inspection and Testing 502

* + 1. Right of entry and inspection 502
    2. Right of testing 504
    3. Tests to demonstrate compliance with connection requirements for generators 505
    4. A Tests to demonstrate compliance with system strength remediation

schemes 507

* + 1. Routine testing of protection equipment 508
    2. Testing by Registered Participants of their own plant requiring changes to normal operation 509
    3. Tests of generating units requiring changes to normal operation 511
    4. Inter-network power system tests 512
    5. Contestable IUSA components 519

# Commissioning 519

* + 1. Requirement to inspect and test equipment 519
    2. Co-ordination during commissioning 520
    3. Control and protection settings for equipment 520
    4. Commissioning program 521
    5. Commissioning tests 521

# Disconnection and Reconnection 522

* + 1. Voluntary disconnection 522
    2. Decommissioning procedures 523
    3. Involuntary disconnection 523
    4. Direction to disconnect 524
    5. A Notification of disconnection 524
    6. Disconnection during an emergency 524
    7. Obligation to reconnect 525

# Part D Network Planning and Expansion 526

# Network development generally 526

* + 1. Content of Part D 526
    2. Definitions 527
    3. Interpretation 530

# Forecasts of connection to transmission network and identification of system limitations 531

* + 1. Forecasts for connection to transmission network 531
    2. Identification of network limitations 531

# Transmission annual planning process 532

* + 1. Transmission annual planning review 532
    2. Transmission Annual Planning Report 532

# Distribution annual planning process 536

* + 1. Distribution annual planning review 536
    2. Distribution Annual Planning Report 538
    3. Distribution system limitation template 539

# A Distribution zone substation information 540

# Joint planning 542

* + 1. Joint planning obligations of Transmission Network Service Providers and Distribution Network Service Providers 542
    2. Joint planning obligations of Distribution Network Service Providers and Distribution Network Service Providers 543
    3. Joint planning obligations of Transmission Network Service Providers 544

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

# 5.14B TAPR Guidelines 544

* 1. B.1 Development of TAPR Guidelines 544

# Regulatory investment tests generally 545

* + 1. Interested parties 545
    2. Identification of a credible option 545
    3. Review of costs thresholds 546
    4. Costs determinations 548

# Regulatory investment test for transmission 548

* + 1. Principles 548
    2. Regulatory investment test for transmission application guidelines 551
    3. Investments subject to the regulatory investment test for transmission 552
    4. Regulatory investment test for transmission procedures 555
    5. Disputes in relation to application of regulatory investment test for transmission 561
    6. Determination that preferred option satisfies the regulatory investment test for transmission 563

# Regulatory investment test for distribution 564

* + 1. Principles 564
    2. Regulatory investment test for distribution application guidelines 566
    3. Projects subject to the regulatory investment test for distribution 567
    4. Regulatory investment test for distribution procedures 569
    5. Disputes in relation to application of regulatory investment test for distribution 573

# Construction of funded augmentations 575

# 5.18A Large generator connections 576

5.18A.1 Definitions 576

5.18A.2 Register of large generator connections 576

5.18A.3 Impact assessment of large generator connections 577

# 5.18B Completed embedded generation projects 578

5.18B.1 Definitions 578

* 1. B.2 Register of completed embedded generation projects 578

# SENE Design and Costing Study 579

* + 1. Definitions 579
    2. Interpretation 580
    3. Request for SENE Design and Costing Study 580
    4. Content of SENE Design and Costing Study 581
    5. Co-operation of other Network Service Providers 582
    6. Publication of SENE Design and Costing Study report 582
    7. Provision and use of information 583

# National transmission planning 583

* + 1. Preliminary consultation 584
    2. Publication of NTNDP 584
    3. Development strategies for national transmission flow paths 587
    4. NTNDP database 587
    5. Jurisdictional planning bodies and jurisdictional planning

representatives 588

* + 1. NTP Functions 588
    2. Inertia and system strength requirements methodologies 589

# 5.20A Frequency management planning 590

5.20A.1 Power system frequency risk review 590

5.20A.2 Power system frequency risk review process 591

5.20A.3 Power system frequency risk review report 591

5.20A.4 Request for protected event declaration 592

5.20A.5 Request to revoke a protected event declaration 592

# 5.20B Inertia sub-networks and requirements 593

5.20B.1 Boundaries of inertia sub-networks 593

5.20B.2 Inertia requirements 593

5.20B.3 Inertia shortfalls 594

5.20B.4 Inertia Service Provider to make available inertia services 595

5.20B.5 Inertia support activities 597

5.20B.6 Inertia network services information and approvals 598

# 5.20C System strength requirements 600

5.20C.1 System strength requirements 600

5.20C.2 Fault level shortfalls 601

5.20C.3 System Strength Service Provider to make available system strength services 601

* 1. C.4 System strength services information and approvals 603

# AEMO's obligation to publish information and guidelines and provide advice 605

# Last resort planning power 607

# Schedule 5.1a System standards 610

S5.1a.1 Purpose 610

S5.1a.2 Frequency 610

S5.1a.3 System stability 610

S5.1a.4 Power frequency voltage 611

S5.1a.5 Voltage fluctuations 611

S5.1a.6 Voltage waveform distortion 612

S5.1a.7 Voltage unbalance 612

S5.1a.8 Fault clearance times 613

# Schedule 5.1 Network Performance Requirements to be Provided or Co-ordinated by Network Service Providers 614

S5.1.1 Introduction 614

S5.1.2 Network reliability 615

S5.1.2.1 Credible contingency events 615

S5.1.2.2 Network service within a region 616

S5.1.2.3 Network service between regions 617

S5.1.3 Frequency variations 617

S5.1.4 Magnitude of power frequency voltage 618

S5.1.5 Voltage fluctuations 619

S5.1.6 Voltage harmonic or voltage notching distortion 620

S5.1.7 Voltage unbalance 621

S5.1.8 Stability 621

S5.1.9 Protection systems and fault clearance times 623

S5.1.10 Load, generation and network control facilities 626

S5.1.10.1 General 626

S5.1.10.1a Emergency frequency control schemes 626

S5.1.10.2 Distribution Network Service Providers 627

S5.1.10.3 Transmission Network Service Providers 628

S5.1.11 Automatic reclosure of transmission or distribution lines 628

S5.1.12 Rating of transmission lines and equipment 628

S5.1.13 Information to be provided 629

# Schedule 5.2 Conditions for Connection of Generators 629

S5.2.1 Outline of requirements 629

S5.2.2 Application of Settings 630

S5.2.3 Technical matters to be coordinated 631

S5.2.4 Provision of information 632

S5.2.5 Technical requirements 634

S5.2.5.1 Reactive power capability 634

S5.2.5.2 Quality of electricity generated 636

S5.2.5.3 Generating system response to frequency disturbances 636

S5.2.5.4 Generating system response to voltage disturbances 639

S5.2.5.5 Generating system response to disturbances following contingency

events 641

S5.2.5.6 Quality of electricity generated and continuous uninterrupted operation .649 S5.2.5.7 Partial load rejection 649

S5.2.5.8 Protection of generating systems from power system disturbances 650

S5.2.5.9 Protection systems that impact on power system security 652

S5.2.5.10 Protection to trip plant for unstable operation 653

S5.2.5.11 Frequency control 654

S5.2.5.12 Impact on network capability 657

S5.2.5.13 Voltage and reactive power control 658

S5.2.5.14 Active power control 665

S5.2.6 Monitoring and control requirements 667

S5.2.6.1 Remote Monitoring 667

S5.2.6.2 Communications equipment 669

S5.2.7 Power station auxiliary supplies 670

S5.2.8 Fault current 670

# Schedule 5.3 Conditions for Connection of Customers 672

S5.3.1a Introduction to the schedule 672

S5.3.1 Information 673

S5.3.2 Design standards 675

S5.3.3 Protection systems and settings 675

S5.3.4 Settings of protection and control systems 676

S5.3.5 Power factor requirements 677

S5.3.6 Balancing of load currents 678

S5.3.7 Voltage fluctuations 678

S5.3.8 Harmonics and voltage notching 678

S5.3.9 Design requirements for Network Users' substations 679

S5.3.10 Load shedding facilities 679

# Schedule 5.3a Conditions for connection of Market Network Services 680

S5.3a.1a Introduction to the schedule 680

S5.3a.1 Provision of Information 681

S5.3a.2 Application of settings 683

S5.3a.3 Technical matters to be co-ordinated 683

S5.3a.4 Monitoring and control requirements 684

S5.3a.4.1 Remote Monitoring 684

S5.3a.4.2 [Deleted] 684

S5.3a.4.3 Communications equipment 684

S5.3a.5 Design standards 685

S5.3a.6 Protection systems and settings 686

S5.3a.7 [Deleted] 687

S5.3a.8 Reactive power capability 687

S5.3a.9 Balancing of load currents 687

S5.3a.10 Voltage fluctuations 688

S5.3a.11 Harmonics and voltage notching 688

S5.3a.12 Design requirements for Market Network Service Providers' substations 689 S5.3a.13 Market network service response to disturbances in the power system 689

S5.3a.14 Protection of market network services from power system disturbances 690

# Schedule 5.4 Information to be Provided with Preliminary Enquiry 690

# Schedule 5.4A Preliminary Response 691

# Schedule 5.4B Detailed Response to Enquiry 693

# Schedule 5.5 Technical Details to Support Application for Connection and Connection Agreement 696

S5.5.1 Introduction to the schedule 696

S5.5.2 Categories of data 696

S5.5.3 Review, change and supply of data 697

S5.5.4 Data Requirements 697

S5.5.5 Asynchronous generating unit data 698

S5.5.6 Generating units smaller than 30MW data 698

S5.5.7 Power System Design Data Sheet, Power System Setting Data Sheet and Power System Model Guidelines 698

Schedule 5.5.1 [Deleted] 701

Schedule 5.5.2 [Deleted] 701

Schedule 5.5.3 Network and plant technical data of equipment at or near connection

point 701

Schedule 5.5.4 Network Plant and Apparatus Setting Data 704

Schedule 5.5.5 Load Characteristics at Connection Point 706

# Schedule 5.6 Terms and Conditions of Connection agreements and network operating agreements 707

# Part A Connection agreements 707

# Part B Network Operating Agreements 708

# Schedule 5.7 Annual Forecast Information for Planning Purposes 709

# Schedule 5.8 Distribution Annual Planning Report 711

# Schedule 5.9 Demand side engagement document (clause 5.13.1(h)) 717

# Schedule 5.10 Information requirements for Primary Transmission Network Service Providers (clause 5.2A.5) 718

# Schedule 5.11 Negotiating principles for negotiated transmission services (clause 5.2A.6) 722

# Schedule 5.12 Negotiating principles for large DCA services 723

**5A. Electricity connection for retail customers 725**

# Part A Preliminary 727

5A.A.1 Definitions 727

5A.A.2 Application of this Chapter 730

5A.A.3 Small Generation Aggregator deemed to be agent of a retail customer 730

# Part B Standardised offers to provide basic and standard connection

# services 731

# Division 1 Basic connection services 731

5A.B.1 Obligation to have model standing offer to provide basic connection services 731

5A.B.2 Proposed model standing offer for basic connection services 731

5A.B.3 Approval of terms and conditions of model standing offer to provide basic connection services 732

# Division 2 Standard connection services 733

5A.B.4 Standard connection services 733

5A.B.5 Approval of model standing offer to provide standard connection services 734

# Division 3 Miscellaneous 734

5A.B.6 Amendment etc of model standing offer 734

5A.B.7 Publication of model standing offers 735

# Part C Negotiated connection 735

5A.C.1 Negotiation of connection 735

5A.C.2 Process of negotiation 736

5A.C.3 Negotiation framework 736

5A.C.4 Fee to cover cost of negotiation 738

# Part D Application for connection service 738

# Division 1 Information 738

5A.D.1 Publication of information 738

5A.D.1A Register of completed embedded generation projects 739

# Division 2 Preliminary enquiry 740

5A.D.2 Preliminary enquiry 740

# Division 3 Applications 741

5A.D.3 Application process 741

5A.D.4 Site inspection 742

# Part E Connection charges 742

5A.E.1 Connection charge principles 742

5A.E.2 Itemised statement of connection charges 744

5A.E.3 Connection charge guidelines 744

5A.E.4 Payment of connection charges 746

# Part F Formation and integration of connection contracts 747

# Division 1 Offer and acceptance – basic and standard connection services 747

5A.F.1 Distribution Network Service Provider's response to application 747

5A.F.2 Acceptance of connection offer 747

5A.F.3 Offer and acceptance—application for expedited connection 747

# Division 2 Offer and acceptance – negotiated connection 748

5A.F.4 Negotiated connection offer 748

# Division 3 Formation of contract 748

5A.F.5 Acceptance of connection offer 748

# Division 4 Contractual performance 749

5A.F.6 Carrying out connection work 749

5A.F.7 Retailer required for energisation where new connection 749

# Part G Dispute resolution between Distribution Network Service Providers and customers 749

5A.G.1 Relevant disputes 749

5A.G.2 Determination of dispute 750

5A.G.3 Termination of proceedings 750

# SCHEDULE 5A.1 – Minimum content requirements for connection contract 751

# Part A Connection offer not involving embedded generation 751

# Part B Connection offer involving embedded generation 752

1. **Economic Regulation of Distribution Services 755**

# Part A Introduction 757

# Introduction to Chapter 6 757

* + 1. AER's regulatory responsibility 757
    2. A [Deleted] 757
    3. Structure of this Chapter 757
    4. Access to direct control services and negotiated distribution services 758
    5. Prohibition of DUOS charges for the export of energy 758

# Part B Classification of Distribution Services and Distribution

# Determinations 759

# Classification 759

* + 1. Classification of distribution services 759
    2. Classification of direct control services as standard control services or alternative control services 759
    3. Term for which classification operates 760
    4. A Distribution Service Classification Guidelines 760
    5. Duty of AER to make distribution determinations 761
    6. Control mechanisms for direct control services 761
    7. Basis of control mechanisms for direct control services 762
    8. Negotiated distribution services 763
    9. Guidelines 763

# Part C Building Block Determinations for standard control services 764

# Building block determinations 764

* + 1. Introduction 764
    2. Contents of building block determination 764

# Post-tax revenue model 765

* + 1. Preparation, publication and amendment of post-tax revenue model 765
    2. Contents of post-tax revenue model 765
    3. Building block approach 765
    4. Shared assets 767
    5. Expenditure Forecast Assessment Guidelines 768

# 6.4A Capital expenditure incentive mechanisms 768

# 6.4B Asset exemptions 769

6.4B.1 Asset exemption decisions and Asset Exemption Guidelines 769

* 1. B.2 Exemption applications 770

# Matters relevant to the making of building block determinations 770

* + 1. Regulatory asset base 770
    2. Return on capital 771
    3. Estimated cost of corporate income tax 771
    4. [Deleted] 772
    5. Depreciation 772
    6. Forecast operating expenditure 773
    7. Forecast capital expenditure 775
    8. Efficiency benefit sharing scheme 779
    9. A Capital expenditure sharing scheme 780
    10. The X factor 781
    11. Pass through events 782

# Adjustments after making of building block determination. 782

* + 1. Cost pass through 782
    2. A Reporting on jurisdictional schemes 789
    3. Service target performance incentive scheme 790
    4. Demand management incentive scheme 791
    5. A Demand management innovation allowance mechanism 792
    6. Small-scale incentive scheme 793
    7. Reopening of distribution determination for capital expenditure 794

# 6.6A Contingent Projects 797

6.6A.1 Acceptance of a contingent project in a distribution determination 797

* 1. A.2 Amendment of distribution determination for contingent project 799

# Part D Negotiated distribution services 804

# Negotiated distribution services 804

* + 1. Principles relating to access to negotiated distribution services 804
    2. Determination of terms and conditions of access for negotiated distribution services 806
    3. Negotiating framework determination 806
    4. Negotiated Distribution Service Criteria determination 807
    5. Preparation of and requirements for negotiating framework for negotiated distribution services 807
    6. Confidential information 809

# Part DA Connection policies 809

# 6.7A Connection policy requirements 809

* 1. A.1 Preparation of, and requirements for, connection policy 810

# Part E Regulatory proposal and proposed tariff structure statement 810

# Regulatory proposal and proposed tariff structure statement 810

* + 1. AER's framework and approach paper 810
    2. A Notification of approach to forecasting expenditure 813
    3. Submission of regulatory proposal, tariff structure statement and exemption application 813

# Preliminary examination and consultation 815

* + 1. Preliminary examination 815
    2. Resubmission of proposal 816
    3. A Confidential information 816
    4. Consultation 816

# Draft distribution determination and further consultation 817

* + 1. Making of draft distribution determination 817
    2. Publication of draft determination and consultation 818
    3. Submission of revised proposal 818
    4. Submissions on specified matters 819

# Distribution determination 819

* + 1. Making of distribution determination 819
    2. A Out of scope revised regulatory proposal or late submissions 820
    3. Notice of distribution determination 820
    4. Commencement of distribution determination 821

# Requirements relating to draft and final distribution determinations 821

* + 1. Constituent decisions 821
    2. Reasons for decisions 825
    3. Extent of AER's discretion in making distribution determinations 825

# Revocation and substitution of distribution determination for wrong information or error 827

# Miscellaneous 827

# A Distribution Confidentiality Guidelines 828

# Part F Cost Allocation 828

# Cost allocation 828

* + 1. Duty to comply with Cost Allocation Method 828
    2. Cost Allocation Principles 828
    3. Cost Allocation Guidelines 829
    4. Cost Allocation Method 830

# Part G Distribution consultation procedures 831

# Distribution consultation procedures 831

# Part H Ring-Fencing Arrangements for Distribution Network Service Providers 832

# Distribution Ring-Fencing Guidelines 832

* + 1. Compliance with Distribution Ring-Fencing Guidelines 832
    2. Development of Distribution Ring-Fencing Guidelines 833

# Part I Distribution Pricing Rules 834

# Distribution Pricing Rules 834

* + 1. Application of this Part 834

6.18.1A Tariff structure statement 834

6.18.1B Amending a tariff structure statement with the AER's approval 834

* + 1. C Sub-threshold tariffs 836
    2. Pricing proposals 837
    3. Tariff classes 838
    4. Principles governing assignment or re-assignment of retail customers to tariff classes and assessment and review of basis of charging 839
    5. Pricing principles 839
    6. Side constraints on tariffs for standard control services 841
    7. Recovery of designated pricing proposal charges 842
    8. A Recovery of jurisdictional scheme amounts 842
    9. Approval of pricing proposal 846
    10. Publication of information about tariffs and tariff classes 847

# Data Required for Distribution Service Pricing 847

* + 1. Forecast use of networks by Distribution Customers and Embedded Generators 847
    2. Confidentiality of distribution network pricing information 848

# Part J Billing and Settlements 848

# Billing and Settlements Process 848

* + 1. Billing for distribution services 848
    2. Minimum information to be provided in distribution network service

bills 850

* + 1. Settlement between Distribution Network Service Providers 850
    2. Obligation to pay 850

# Part K Prudential requirements, capital contributions and prepayments 850

# Distribution Network Service Provider Prudential Requirements 850

* + 1. Prudential requirements for distribution network service 851
    2. Capital contributions, prepayments and financial guarantees 851
    3. Treatment of past prepayments and capital contributions 852

# Part L Dispute resolution 852

# Dispute Resolution 852

* + 1. Dispute Resolution by the AER 852
    2. Determination of dispute 852
    3. Termination of access dispute without access determination 854

# Part M Separate disclosure of transmission and distribution charges 854

# Separate disclosure of transmission and distribution charges 854

# Part N Dual Function Assets 855

# Dual Function Assets 855

* + 1. Application of this Part 855
    2. Dual Function Assets 855

# AER determination of applicable pricing regime for Dual Function Assets 856

# Division of Distribution Network Service Provider's revenue 856

# Part O Annual Benchmarking Report 858

# Annual Benchmarking Report 858

# Part P Distribution Reliability Measures Guidelines 858

# Distribution Reliability Measures Guidelines 858

# Schedule 6.1 Contents of building block proposals 858

S6.1.1 Information and matters relating to capital expenditure 858

S6.1.2 Information and matters relating to operating expenditure 859

S6.1.3 Additional information and matters 860

# Schedule 6.2 Regulatory Asset Base 863

S6.2.1 Establishment of opening regulatory asset base for a regulatory control period 863

S6.2.2 Prudency and efficiency of capital expenditure 867

S6.2.2A Reduction for inefficient past capital expenditure 867

S6.2.2B Depreciation 869

S6.2.3 Roll forward of regulatory asset base within the same regulatory control period 870

**6A. Economic Regulation of Transmission Services 873**

# Part A Introduction 875

# 6A.1 Introduction to Chapter 6A 875

6A.1.1 Economic regulation of transmission services generally 875

6A.1.2 [Deleted] 876

6A.1.3 [Deleted] 876

6A.1.4 National regulatory arrangements 876

6A.1.5 Application of Chapter 6A to Market Network Service Providers 876

6A.1.6 Application of Chapter 6A to AEMO and declared transmission system operators 876

# Part B Transmission Determinations Generally 877

# 6A.2 Transmission determinations 877

6A.2.1 Duty of AER to make transmission determinations 877

6A.2.2 Components of transmission determinations 877

6A.2.3 Guidelines 877

# Part C Regulation of Revenue - Prescribed Transmission Services 878

# 6A.3 Allowed revenue from prescribed transmission services 878

6A.3.1 Allowed revenue for regulatory year 878

6A.3.2 Adjustment of maximum allowed revenue 878

# 6A.4 Revenue determinations 878

6A.4.1 Introduction 878

6A.4.2 Contents of revenue determination 879

# 6A.5 Post-tax revenue model 880

6A.5.1 Introduction 880

6A.5.2 Preparation, publication and amendment of post-tax revenue model 880

6A.5.3 Contents of post-tax revenue model 880

6A.5.4 Building blocks approach 881

6A.5.5 Shared assets 882

6A.5.6 Expenditure Forecast Assessment Guidelines 883

# 6A.5A Capital expenditure incentive mechanisms 884

# 6A.6 Matters relevant to the making of revenue determinations 884

6A.6.1 Regulatory asset base 884

6A.6.2 Return on capital 885

6A.6.3 Depreciation 886

6A.6.4 Estimated cost of corporate income tax 887

6A.6.5 Efficiency benefit sharing scheme 887

6A.6.5A Capital expenditure sharing scheme 888

6A.6.6 Forecast operating expenditure 889

6A.6.7 Forecast capital expenditure 892

6A.6.8 The X factor 896

6A.6.9 Pass through events 896

# 6A.7 Matters relevant to the adjustment of revenue cap after making of revenue determination 897

6A.7.1 Reopening of revenue determination for capital expenditure 897

6A.7.2 Network support pass through 899

6A.7.3 Cost pass through 901

6A.7.4 Service target performance incentive scheme 907

6A.7.5 Small-scale incentive scheme 908

# 6A.8 Contingent Projects 909

6A.8.1 Acceptance of a Contingent Project in a revenue determination 909

6A.8.2 Amendment of revenue determination for contingent project 910

# Part D [Deleted] 915

# Part E Procedure - Revenue determinations and pricing methodologies 915

# 6A.10 Revenue Proposal and proposed pricing methodology 915

6A.10.1A AER's framework and approach paper 915

6A.10.1B Notification of approach to forecasting expenditure 917

6A.10.1 Submission of proposal, pricing methodology and information 917

6A.10.2 [Deleted] 919

# 6A.11 Preliminary examination and consultation 919

6A.11.1 Preliminary examination and determination of non-compliance with relevant requirements 919

6A.11.2 Resubmission of proposal, framework, pricing methodology or information 919

6A.11.2A Confidential information 920

6A.11.3 Consultation 920

# 6A.12 Draft decision and further consultation 921

6A.12.1 Making of draft decision 921

6A.12.2 Publication of draft decision and consultation 922

6A.12.3 Submission of revised proposal or pricing methodology 922

6A.12.4 Submissions on specified matters 923

# 6A.13 Final decision 923

6A.13.1 Making of final decision 923

6A.13.2 Refusal to approve amounts, values, framework or pricing methodology 924 6A.13.2A Out of scope revised documents or late submissions 925

6A.13.3 Notice of final decision 925

6A.13.4 Making of transmission determination 926

# 6A.14 Requirements relating to draft and final decisions 926

6A.14.1 Contents of decisions 926

6A.14.2 Reasons for decisions 928

6A.14.3 Circumstances in which matters must be approved or accepted 928

# 6A.15 Revocation of revenue determination or amendment of pricing methodology for wrong information or error 931

# 6A.16 Miscellaneous 931

# 6A.16A Transmission Confidentiality Guidelines 932

# Part F Information Disclosure 932

# 6A.17 Information disclosure by Transmission Network Service Providers.932

6A.17.1 Information to be provided to AER 932

6A.17.2 Information Guidelines 933

# 6A.18 [Deleted] 935

# Part G Cost Allocation 935

# 6A.19 Cost allocation 935

6A.19.1 Duty to comply with Cost Allocation Methodology 935

6A.19.2 Cost Allocation Principles 935

6A.19.3 Cost Allocation Guidelines 936

6A.19.4 Cost Allocation Methodology 936

# Part H Transmission Consultation Procedures 938

# 6A.20 Transmission consultation procedures 938

# Part I Ring-Fencing Arrangements for Transmission Network Service Providers 939

# 6A.21 Transmission Ring-Fencing Guidelines 939

6A.21.1 Compliance with Transmission Ring-Fencing Guidelines 939

6A.21.2 Development of Transmission Ring-Fencing Guidelines 939

# Part J Prescribed Transmission Services - Regulation of Pricing 941

# 6A.22 Terms used in Part J 941

6A.22.1 Aggregate annual revenue requirement (AARR) 941

6A.22.2 Annual service revenue requirement (ASRR) 941

6A.22.3 Meaning of attributable cost share 941

6A.22.4 Meaning of attributable connection point cost share 941

# 6A.23 Pricing Principles for Prescribed Transmission Services 942

6A.23.1 Introduction 942

6A.23.2 Principles for the allocation of the aggregate annual revenue

requirement 942

6A.23.3 Principles for the allocation of the annual service revenue requirement to connection points 943

6A.23.4 Principles for the recovery of the Annual Service Revenue Requirement as prices 945

# 6A.24 Pricing methodology 947

6A.24.1 Pricing methodologies generally 947

6A.24.2 Publication of pricing methodology and transmission network prices 948

6A.24.3 Basis for setting prices pending approval of pricing methodology 949

6A.24.4 Basis for setting prices pending approval of maximum allowed revenue .949

# 6A.25 Pricing methodology guidelines for prescribed transmission services950

6A.25.1 Making and amending of pricing methodology guidelines 950

6A.25.2 Contents of pricing methodology guidelines 950

# 6A.26 Prudent discounts 952

6A.26.1 Agreements for prudent discounts for prescribed transmission services 952

6A.26.2 Application to AER for approval of proposed prudent discount amounts.953

# 6A.27 Billing Process 954

6A.27.1 Billing for prescribed transmission services 954

6A.27.1A Billing of modified load export charges 955

6A.27.2 Minimum information to be provided in network service bills 955

6A.27.3 Obligation to pay charges for prescribed transmission services 955

6A.27.4 Payments between Transmission Network Service Providers in the same region 955

6A.27.5 Calculation of financial transfers between Transmission Network Service Providers in the same region 956

# 6A.28 Prudential Requirements 956

6A.28.1 Prudential Requirements for prescribed transmission services 956

6A.28.2 Capital contribution or prepayment for a specific asset 956

6A.28.3 Treatment of past capital contributions 956

# 6A.29 Multiple Transmission Network Service Providers 957

6A.29.1 Multiple Transmission Network Service Providers within a region 957

6A.29.2 Single Transmission Network Service Provider within a region 958

6A.29.3 Allocation over several regions 958

# 6A.29A Modified load export charges 958

6A.29A.1 Single Transmission Network Service Provider in a Region 958

6A.29A.2 Calculation of the modified load export charges 958

6A.29A.3 Calculation of adjustments to the modified load export charge 959

6A.29A.4 Billing the modified load export charge 959

6A.29A.5 Allocation and billing process where multiple Transmission Network Service Providers in a Region 960

# Part K Commercial arbitration for disputes about terms and conditions of access for prescribed and negotiated transmission services 960

# [Deleted] 960

# Part L Annual Benchmarking Report 960

# 6A.31 Annual Benchmarking Report 960

# Schedule 6A.1 Contents of Revenue Proposals 961

S6A.1.1 Information and matters relating to capital expenditure 961

S6A.1.2 Information and matters relating to operating expenditure 962

S6A.1.3 Additional information and matters 963

# Schedule 6A.2 Regulatory Asset Base 965

S6A.2.1 Establishment of opening regulatory asset base for a regulatory control period 965

S6A.2.2 Prudency and efficiency of capital expenditure 969

S6A.2.2A Reduction for inefficient past capital expenditure 970

S6A.2.2B Depreciation 972

S6A.2.3 Removal of assets from regulatory asset base 973

S6A.2.4 Roll forward of regulatory asset base within the same regulatory control period 974

# Schedule 6A.3 CRNP methodology and modified CRNP methodology 975

S6A.3.1 Meaning of optimised replacement cost 975

S6A.3.2 CRNP methodology 975

S6A.3.3 Modified CRNP methodology 976

# Schedule 6A.4 Application of this Chapter to AEMO and declared transmission system operators 976

S6A.4.1 Application of this Chapter to AEMO etc 976

S6A.4.2 Exclusions, qualifications and modifications 977

**6B. Retail markets 985**

# Part A Retail support 987

# Division 1 Application and definitions 987

6B.A1.1 Application of this Part 987

6B.A1.2 Definitions 987

# Division 2 Billing and payment rules 987

6B.A2.1 Obligation to pay 987

6B.A2.2 Direct customer billing and energy-only contracts 988

6B.A2.3 Calculating network charges 988

6B.A2.4 Statement of charges 988

6B.A2.5 Time and manner of payment 989

# Division 3 Matters incidental to billing and payment 989

6B.A3.1 Adjustment of network charges 989

6B.A3.2 Tariff reassignment 989

6B.A3.3 Disputed statements of charges 990

6B.A3.4 Interest 991

6B.A3.5 Notification of changes to charges 991

# Part B Credit support required for late payment 992

# Division 1 Application and definitions 992

6B.B1.1 Application of Part B 992

6B.B1.2 Definitions 992

# Division 2 Requirements for credit support 992

6B.B2.1 Distribution Network Service Provider may require credit support in limited circumstances 992

# Division 3 Provision of credit support by retailers 993

6B.B3.1 Retailer to provide credit support 993

6B.B3.2 Acceptable form of credit support 993

# Division 4 Other Rules relating to credit support 994

6B.B4.1 Application of credit support 994

6B.B4.2 Return of credit support 994

6B.B4.3 Other retailer obligations 994

# Schedule 6B.1 Prescribed form of unconditional undertaking for credit support 995

1. **Metering 997**

# Part A Introduction 999

# Introduction to the Metering Chapter 999

* + 1. Contents 999

# Part B Roles and Responsibilities 999

# Role and Responsibility of financially responsible Market

# Participant 999

* + 1. Obligations of financially responsible Market Participants to establish metering installations 999
    2. [Not used] 1000
    3. Agreements with Local Network Service Provider 1000
    4. [Not used] 1000
    5. Agreements with Metering Provider 1000

# Role and Responsibility of Metering Coordinator 1000

* + 1. Responsibility of the Metering Coordinator 1000
    2. Role of the Metering Coordinator 1001

# Qualification and Registration of Metering Providers, Metering Data Providers and Embedded Network Managers 1005

* + 1. Qualifications and registration of Metering Providers 1005
    2. Qualifications and registration of Metering Data Providers 1005

7.4.2A Qualifications and registration of Embedded Network Managers 1006

* + 1. B List of Embedded Network Managers 1006
    2. Nature of appointment of Metering Provider or Metering Data Provider 1006
    3. Deregistration of Metering Providers, Metering Data Providers and Embedded Network Managers 1007

# Role and Responsibility of AEMO 1008

# Responsibility of AEMO for the collection, processing and delivery of metering data 1008

# AEMO's costs in connection with metering installation 1009

# 7.5A Role and Responsibility of Embedded Network Managers 1009

7.5A.1 Responsibility of Embedded Network Managers for management services 1009

* 1. A.2 EN information 1010

# Part C Appointment of Metering Coordinator 1010

# Appointment of Metering Coordinator 1010

* + 1. Commercial nature of the Metering Coordinator appointment and service provision 1010
    2. Persons who may appoint Metering Coordinators 1011
    3. Appointment with respect to transmission network connection 1011
    4. Type 7 metering installations 1012

# Metering Coordinator default arrangements 1013

* + 1. Obligations of financially responsible Market Participants on Metering Coordinator default event and end of contract term 1013
    2. Notices to be provided by Metering Coordinator 1014
    3. AEMO may issue breach notice 1014

# Part D Metering installation 1015

# Metering installation arrangements 1015

* + 1. Metering installation requirements 1015
    2. Metering installation components 1016
    3. Small customer metering installations 1020
    4. Type 4A metering installation 1020
    5. Emergency management 1022
    6. Network devices 1023
    7. Metering point 1026
    8. Metering installation types and accuracy 1026
    9. Meter churn 1027
    10. Metering installation malfunctions 1028

7.8.10A Timeframes for meters to be installed – new connection 1029

7.8.10B Timeframes for meters to be installed – where a connection service is not required 1030

* + 1. C Timeframes for meters to be installed – where a connection alteration is required 1030
    2. Changes to metering equipment, parameters and settings within a metering installation 1032
    3. Special site or technology related conditions 1032
    4. Joint metering installations 1033

# Inspection, Testing and Audit of Metering installations 1034

* + 1. Responsibility for testing 1034
    2. Actions in event of non-compliance 1036
    3. Audits of information held in metering installations 1036
    4. Errors found in metering tests, inspections or audits 1037
    5. Retention of test records and documents 1038
    6. Metering installation registration process 1039

# Part E Metering Data 1039

# Metering Data Services 1039

* + 1. Metering Data Services 1039
    2. Data management and storage 1040
    3. Provision of metering data to certain persons 1041
    4. Use of check metering data 1042
    5. Periodic energy metering 1042
    6. Time settings 1043
    7. Metering data performance standards 1043

# Metering data and database 1045

* + 1. Metering database 1045
    2. Data validation, substitution and estimation 1046
    3. Changes to energy data or to metering data 1046

# Register of Metering Information 1047

* + 1. Metering register 1047
    2. Metering register discrepancy 1047

# Disclosure of NMI information 1047

* + 1. Application of this Rule 1047
    2. NMI and NMI checksum 1047
    3. NMI Standing Data 1048

# Metering data provision to retail customers 1048

# Part F Security of metering installation and energy data 1049

# Security of metering installation and energy data 1049

* + 1. Confidentiality 1049
    2. Security of metering installations 1049
    3. Security controls for energy data 1050
    4. Additional security controls for small customer metering installations 1051
    5. Access to data 1052

# Part G Procedures 1054

# Procedures 1054

* + 1. Obligation to establish, maintain and publish procedures 1054
    2. Market Settlement and Transfer Solution Procedures 1055
    3. Requirements of the metrology procedure 1055
    4. Jurisdictional metrology material in metrology procedure 1056
    5. Additional metrology procedure matters 1058
    6. Requirements of the service level procedures 1059

7.16.6A Requirements of the ENM service level procedures 1060

* + 1. B Guide to embedded networks 1061
    2. Amendment of procedures in the Metering Chapter 1061
    3. National Measurement Act 1062

# Part H B2B Requirements 1063

# B2B Arrangements 1063

7.17.1 B2B e-Hub 1063

* + 1. B2B e-Hub Participants 1063
    2. Content of the B2B Procedures 1064
    3. Changing B2B Procedures 1065
    4. B2B Decision 1067
    5. Establishment of Information Exchange Committee 1068
    6. Functions and powers of Information Exchange Committee 1069
    7. Obligations of Members 1070
    8. Meetings of Information Exchange Committee 1071
    9. Nomination, election and appointment of Members 1071
    10. Qualifications of Members 1072
    11. Information Exchange Committee Election Procedures and Information Exchange Committee Operating Manual 1073
    12. Cost Recovery 1074

# Schedule 7.1 Metering register 1074

S7.1.1 General 1074

S7.1.2 Metering register information 1075

# Schedule 7.2 Metering Provider 1076

S7.2.1 General 1076

S7.2.2 Categories of registration 1076

S7.2.3 Capabilities of Metering Providers for metering installations types 1, 2, 3, 4 and 4A 1078

S7.2.4 Capabilities of Metering Providers for metering installations types 5 and

6 ...............................................................................................................1080

S7.2.5 Capabilities of Metering Providers for small customer metering installations 1080

S7.2.6 Capabilities of the Accredited Service Provider category 1081

# Schedule 7.3 Metering Data Provider 1081

S7.3.1 General 1081

S7.3.2 Categories of registration 1081

S7.3.3 Capabilities of Metering Data Providers 1082

S7.3.4 Capabilities of Metering Data Providers for small customer metering installations 1084

# Schedule 7.4 Types and Accuracy of Metering installations 1084

S7.4.1 General requirements 1084

S7.4.2 Metering installations commissioned prior to 13 December 1998 1084

S7.4.3 Accuracy requirements for metering installations 1085

S7.4.4 Check metering 1090

S7.4.5 Resolution and accuracy of displayed or captured data 1091

S7.4.6 General design standards 1091

S7.4.6.1 Design requirements 1091

S7.4.6.2 Design guidelines 1092

# Schedule 7.5 Requirements of minimum services specification 1092

S7.5.1 Minimum services specification 1092

# Schedule 7.6 Inspection and Testing Requirements 1096

S7.6.1 General 1096

S7.6.2 Technical Guidelines 1098

# Schedule 7.7 Embedded Network Managers 1098

S7.7.1 General 1098

S7.7.2 Capabilities of Embedded Network Managers 1099

1. **Administrative Functions 1101**

# Part A Introductory 1103

# Administrative functions 1103

* + 1. [Deleted] 1103
    2. [Deleted] 1103
    3. Structure of this Chapter 1103

# Part B Disputes 1103

# Dispute Resolution 1103

* + 1. Application and guiding principles 1103
    2. The Dispute Resolution Adviser 1106
    3. Dispute management systems of Registered Participants and AEMO 1107
    4. Stage 1 - dispute resolution through Registered Participants' DMS 1108
    5. Stage 2 - dispute resolution process 1110
    6. A Establishment of Dispute Resolution Panel 1111

8.2.6B Parties to DRP Proceedings 1112

8.2.6C Proceedings of the DRP 1113

8.2.6D Decisions of the DRP 1113

* + 1. [Deleted] 1114
    2. Legal representation 1114
    3. Cost of dispute resolution 1114
    4. Effect of resolution 1115
    5. Recording and publication 1115
    6. Appeals on questions of law 1116
    7. [Deleted] 1116

# 8.2A B2B Determination Disputes 1116

8.2A.1 Application of rule 8.2 1116

* 1. A.2 How rule 8.2 applies 1116

# Power to make Electricity Procedures 1118

# [Deleted] 1119

# [Deleted] 1119

# Part C Registered Participants' confidentiality obligations 1119

# Confidentiality 1119

* + 1. Confidentiality 1119
    2. A Application 1120
    3. Exceptions 1120
    4. Conditions 1121
    5. [Deleted] 1122
    6. Indemnity to AER, AEMC and AEMO 1122
    7. AEMO information 1122
    8. Information on Rules Bodies 1122

# Part D Monitoring and reporting 1122

# Monitoring and Reporting 1122

* + 1. Monitoring 1122
    2. Reporting requirements and monitoring standards for Registered Participants and AEMO 1123
    3. Consultation required for making general regulatory information order (Section 28H of the NEL) 1125
    4. Preparation of network service provider performance report (Section 28V of the NEL) 1126
    5. [Deleted] 1126
    6. Recovery of reporting costs 1126

# Part E Reliability panel 1127

# Reliability Panel 1127

* + 1. Purpose of Reliability Panel 1127
    2. Constitution of the Reliability Panel 1129
    3. Reliability Panel review process 1131
    4. Determination of protected events 1133

# Part F Rules consultation procedures 1135

# Rules Consultation Procedures 1135

# Part G Consumer advocacy funding 1137

# Consumer advocacy funding obligation 1137

# Part H Augmentations 1138

# Augmentations 1138

* + 1. Application 1138
    2. Object 1138
    3. Definitions 1138
    4. Planning criteria 1139
    5. Construction of augmentation that is not a contestable augmentation 1139
    6. Contestable augmentations 1140
    7. Construction and operation of contestable augmentation 1140
    8. Funded augmentations that are not subject to the tender process 1142
    9. Contractual requirements and principles 1143
    10. Annual planning review 1143

# Schedule 8.11 Principles to be reflected in agreements relating to contestable augmentations 1143

S8.11.1 Risk allocation 1143

S8.11.2 Minimum requirements for agreements relating to contestable augmentation 1145

S8.11.3 Matters to be dealt with in relevant agreements 1145

# Part I Values of customer reliability 1145

# Development of methodology and publication of values of customer reliability 1145

**8A. Participant Derogations 1149**

# Part 1 Derogations Granted to TransGrid 1151

# 8A.1 [Deleted] 1151

# Part 2 Derogations Granted to EnergyAustralia 1151

# 8A.2 [Deleted] 1151

# 8A.2A [Deleted] 1151

# Part 3 [Deleted] 1151

# Part 4 [Deleted] 1151

# Part 5 [Deleted] 1151

# Part 6 Derogations Granted to Victorian Market Participants 1151

# Part 7 [Deleted] 1152

# Part 8 [Deleted] 1152

# Part 9 [Deleted] 1152

# Part 10 [Deleted] 1152

# Part 11 [Deleted] 1152

# Part 12 [Deleted] 1152

# Part 13 Derogation granted to Aurora Energy (Tamar Valley) Pty Ltd 1152

# 8A.13 [Deleted] 1152

# Part 14 Derogations granted to Ausgrid, Endeavour Energy and Essential Energy 1152

# 8A.14 Derogations from Chapter 6 for the current regulatory control period and subsequent regulatory control period 1152

8A.14.1 Definitions 1152

8A.14.2 Expiry date 1156

8A.14.3 Application of Rule 8A.14 1156

8A.14.4 Recovery of revenue across the current regulatory control period and subsequent regulatory control period 1157

8A.14.5 Recovery of revenue in subsequent regulatory control period only and no reopening of subsequent distribution determination required 1158

8A.14.6 Recovery of revenue in subsequent regulatory control period only and reopening of distribution determination is required 1159

8A.14.7 Requirements for adjustment determination 1161

8A.14.8 Application of Chapter 6 under participant derogation 1161

# Part 15 Derogations granted to ActewAGL 1163

# 8A.15 Derogations from Chapter 6 for the current regulatory control period and subsequent regulatory control period 1163

8A.15.1 Definitions 1163

8A.15.2 Expiry date 1166

8A.15.3 Application of Rule 8A.15 1166

8A.15.4 Recovery of revenue across the current regulatory control period and subsequent regulatory control period 1167

8A.15.5 Recovery of revenue in subsequent regulatory control period only and no reopening of subsequent distribution determination required 1169

8A.15.6 Recovery of revenue in subsequent regulatory control period only and reopening of distribution determination is required 1170

8A.15.7 Requirements for adjustment determination 1172

8A.15.8 Application of Chapter 6 under participant derogation 1172

1. **Jurisdictional Derogations and Transitional Arrangements 1175**

# Purpose and Application 1177

* + 1. Purpose 1177
    2. Jurisdictional Derogations 1177

# Part A Jurisdictional Derogations for Victoria 1177

# [Deleted] 1177

# Definitions 1177

* + 1. General Definitions 1177
    2. [Deleted] 1179

# A Fault levels 1179

# Transitional Arrangements for Chapter 2 - Registered Participants, Registration and Cross Border Networks 1179

* + 1. [Deleted] 1179
    2. Smelter Trader 1179
    3. Smelter Trader: compliance 1180
    4. Report from AER 1183
    5. Cross Border Networks 1183

# [Deleted] 1184

# Transitional Arrangements for Chapter 4 - System Security 1184

* + 1. Operating Procedures (clause 4.10.1) 1184
    2. Nomenclature Standards (clause 4.12) 1184

# Transitional Arrangements for Chapter 5 - Network Connection 1184

* + 1. [Deleted] 1184
    2. [Deleted] 1184
    3. [Deleted] 1184
    4. Regulation of Distribution Network Connection 1184
    5. [Deleted] 1185
    6. [Deleted] 1185
    7. [Deleted] 1185

# Transitional Arrangements for Chapter 6 - Network Pricing 1185

* + 1. [Deleted] 1185
    2. [Deleted] 1185
    3. [Deleted] 1185
    4. Transmission Network Pricing 1185

9.8.4A [Deleted] 1187

9.8.4B [Deleted] 1187

9.8.4C [Deleted] 1187

9.8.4D [Deleted] 1187

9.8.4E [Deleted] 1187

9.8.4F [Deleted] 1187

* + 1. G [Deleted] 1187
    2. [Deleted] 1187
    3. [Deleted] 1187
    4. Distribution network pricing – transitional application of former Chapter 6 1187
    5. Exclusion of AER's power to aggregate distribution systems and parts of distribution systems 1188

# Transitional Arrangements for Chapter 7 - Metering 1188

* + 1. Metering Installations To Which This Schedule Applies 1188
    2. [Deleted] 1189
    3. [Deleted] 1189
    4. [Deleted] 1189
    5. [Deleted] 1189
    6. [Deleted] 1189
    7. [Deleted] 1189
    8. [Deleted] 1189
    9. Periodic Energy Metering (clause 7.9.3) 1189
    10. Use of Alternate Technologies (clause 7.13) 1189

# 9.9A [Deleted] 1190

# 9.9B [Deleted] 1190

# C [Deleted] 1190

# Schedule 9A1.1 [Deleted] 1190

# Schedule 9A1.2 [Deleted] 1190

# Schedule 9A1.3 [Deleted] 1190

# Schedule 9A2 [Deleted] 1190

# Schedule 9A3 Jurisdictional Derogations Granted to Generators 1190

1. Interpretation of tables 1190
2. Continuing effect 1190
3. Subsequent agreement 1191
4. [Deleted] 1191
5. Reactive Power Capability (clause S5.2.5.1 of schedule 5.2) 1191
6. [Deleted] 1192
7. [Deleted] 1192
8. [Deleted] 1192
9. [Deleted] 1192
10. [Deleted] 1192
11. [Deleted 1192
12. [Deleted] 1192
13. Governor Systems (load control) (clause S5.2.5.11 of schedule 5.2) 1192
14. [Deleted] 1192
15. [Deleted] 1192
16. Excitation Control System (clause S5.2.5.13 of schedule 5.2) 1192

# Part B Jurisdictional Derogations for New South Wales 1193

# [Deleted] 1193

# Definitions 1193

* + 1. Definitions used in this Part B 1193

# Transitional Arrangements for Chapter 2 - Generators, Registered Participants, Registration and Cross Border Networks 1194

* + 1. [Deleted] 1194
    2. Customers 1194
    3. Power Traders 1194
    4. Cross Border Networks 1197

# [Deleted] 1198

# Transitional Arrangements for Chapter 4 - System Security 1198

* + 1. Power System Operating Procedures 1198

# NSW contestable services for Chapter 5A 1198

* + 1. Definitions 1198
    2. Chapter 5A not to apply to certain contestable services 1198

# Transitional Arrangements for Chapter 6 - Network Pricing 1198

* + 1. NSW contestable services 1198
    2. [Deleted] 1198
    3. Jurisdictional Regulator 1198
    4. Deemed Regulated Interconnector 1199
    5. [Deleted] 1199

# Transitional Arrangements for Chapter 7 - Metering 1199

* + 1. Extent of Derogations 1199
    2. Initial Registration (clause 7.1.2) 1199
    3. Amendments to Schedule 9G1 1199
    4. Compliance with AS/NZ ISO 9002 (clause S7.4.3(f) of schedule 7.4) 1200

# A [Deleted] 1200

# [Deleted] 1200

# Part C Jurisdictional Derogations for the Australian Capital Territory 1200

# [Deleted] 1200

# Definitions and Transitional Arrangements for Cross-Border

# Networks 1200

* + 1. Definitions 1200
    2. Cross Border Networks 1200

# [Deleted] 1201

# [Deleted] 1201

# Transitional Arrangements for Chapter 6 - Network Pricing 1201

* + 1. [Deleted] 1201
    2. [Deleted] 1201
    3. [Deleted 1201
    4. [Deleted] 1201

# Transitional Arrangements 1201

* + 1. Chapter 7 - Metering 1201
    2. [Deleted] 1201

# A [Deleted] 1201

# Part D Jurisdictional Derogations for South Australia 1201

# Definitions 1201

* + 1. [Deleted] 1201
    2. Definitions 1201

# Transitional Arrangements for Chapter 2 - Registered Participants, Registration And Cross Border Networks 1204

* + 1. Registration as a Generator 1204
    2. Registration as a Customer 1205
    3. Cross Border Networks 1205
    4. [Deleted] 1205
    5. Registration as a Network Service Provider 1205

# [Deleted] 1206

# Transitional Arrangements for Chapter 5 - Network Connection 1206

* + 1. Application of clause 5.2 1206
    2. [Deleted] 1207

# Transitional Arrangements for Chapter 6 - Economic Regulation of Distribution Services 1207

* + 1. [Deleted] 1207
    2. [Deleted] 1207
    3. [Deleted] 1207
    4. [Deleted] 1207
    5. Distribution Network Pricing – South Australia 1207
    6. Capital contributions, prepayments and financial guarantees 1208
    7. Ring fencing 1208

# A Monitoring and reporting 1208

# Transitional Provisions 1209

* + 1. Chapter 7 - Metering 1209

# Part E Jurisdictional Derogations for Queensland 1209

# [Deleted] 1209

# Definitions and Interpretation 1209

* + 1. Definitions 1209
    2. Interpretation 1211

# Transitional Arrangements for Chapter 1 1212

* + 1. [Deleted] 1212

# Transitional Arrangements for Chapter 2 - Registered Participants and Registration 1212

* + 1. Application of the Rules in Queensland (clauses 2.2 and 2.5) 1212
    2. Stanwell Cross Border Leases (clause 2.2) 1212
    3. [Deleted] 1212
    4. Registration as a Customer (clause 2.3.1) 1212
    5. There is no clause 9.34.5 1213
    6. Exempted generation agreements (clause 2.2) 1213

# [Deleted] 1217

# [Deleted] 1217

# Transitional Arrangements for Chapter 5 - Network Connection 1217

* + 1. [Deleted] 1217
    2. Existing connection and access agreements (clause 5.2) 1217
    3. [Deleted] 1218
    4. [Deleted] 1218
    5. Forecasts for connection points to transmission network (clause

5.11.1) ......................................................................................................1218

* + 1. There is no clause 9.37.6 1218
    2. Cross Border Networks 1218
    3. [Deleted] 1218
    4. Credible contingency events (clause S5.1.2.1 of schedule 5.1) 1218
    5. Reactive power capability (clause S5.2.5.1 of schedule 5.2) 1219
    6. [Deleted] 1219
    7. Voltage fluctuations (clause S5.1.5 of schedule 5.1) 1219
    8. [Deleted] 1221
    9. [Deleted] 1221
    10. [Deleted] 1221
    11. [Deleted] 1221
    12. [Deleted] 1221
    13. [Deleted] 1221
    14. Generating unit response to disturbances (clause S5.2.5.3 of schedule

5.2) ...........................................................................................................1221

* + 1. [Deleted] 1222
    2. Excitation control system (clause S.5.2.5.13 of schedule 5.2) 1222
    3. [Deleted] 1222
    4. Annual forecast information for planning purposes (schedule 5.7) 1222

# Transitional Arrangements for Chapter 6 - Network Pricing 1223

* + 1. [Deleted] 1223
    2. [Deleted] 1223
    3. [Deleted] 1223
    4. Interconnectors between regions 1223
    5. Transmission pricing for exempted generation agreements 1223

# Transitional Arrangements for Chapter 7 - Metering 1224

* + 1. Metering installations to which this clause applies 1224
    2. [Deleted] 1224
    3. [Deleted] 1224
    4. [Deleted] 1224
    5. [Deleted] 1224

# Transitional Arrangements for Chapter 8 - Administration

# Functions 1224

* + 1. [Deleted] 1224
    2. [Deleted] 1224
    3. [Deleted] 1224

# [Deleted] 1224

# Schedule 9E1 Exempted Generation Agreements 1224

# Part F Jurisdictional Derogations for Tasmania 1225

# Definitions and interpretation 1225

* + 1. Definitions 1225
    2. Interpretation 1226
    3. National grid, power system and related expressions 1226

# [Deleted] 1227

# Transitional arrangements for Chapter 2 – Registered Participants and Registration - Customers (clause 2.3.1(e)) 1227

# Tasmanian Region (clause 3.5) 1227

# Transitional arrangements for Chapter 5- Network Connection 1227

* + 1. Existing Connection Agreements 1227

# Transitional arrangements - Transmission and Distribution

# Pricing 1227

9.48.4A Ring fencing 1227

* + 1. B Uniformity of tariffs for small customers 1228
    2. Transmission network 1228
    3. Deemed regulated interconnector 1228

# Part G Schedules to Chapter 9 1228

# Schedule 9G1 Metering Transitional Arrangements 1228

1. Introduction 1228
2. [Deleted] 1228
3. General Principle 1228
4. [Deleted] 1229
5. Accuracy Requirements 1229
6. [Deleted] 1229
7. [Deleted] 1229
8. [Deleted] 1229
9. [Deleted] 1229
10. [Deleted] 1229
11. **Glossary 1231**
12. **Savings and Transitional Rules 1363**

# Part A Definitions 1365

# Part B System Restart Ancillary Services (2006 amendments) 1365

# Rules consequent on making of the National Electricity Amendment (System Restart Ancillary Services and pricing under market suspension) Rule 2006 1365

* + 1. Transitional provision for acquisition of non-market ancillary services .1365

# [Deleted] 1366

# Part C Dispute Resolution for Regulatory Test (2006 amendments) 1366

# Rules consequent on making of the National Electricity Amendment (Dispute Resolution for Regulatory Test) Rule 2006 1366

* + 1. Continuation of things done under old clause 5.6.6 1366

# Part D Metrology (2006 amendments) 1367

# Rules consequential on the making of the National Electricity Amendment (Metrology) Rule 2006 1367

* + 1. Definitions 1367
    2. Metrology procedures continues to apply until 31 December 2006 1367
    3. Responsible person 1367
    4. NEMMCO's responsibility to develop a metrology procedure 1367
    5. Jurisdictional metrology material in the metrology procedure 1368

# Part E Economic Regulation of Transmission Services (2006

# amendments) 1368

# Rules consequent on making of the National Electricity Amendment (Economic Regulation of Transmission Services) Rule 2006 1368

* + 1. Definitions 1368
    2. New Chapter 6A does not affect existing revenue determinations 1370
    3. Old Part C and Schedules 6.2, 6.3, 6.4, 6.7 and 6.8 of old Chapter 6 1370
    4. Old Part F of Chapter 6 1370
    5. Application of new Chapter 6A to Transmission Network Service

Providers 1370

* + 1. Application of Chapter 6 to old distribution matters 1370
    2. References to the old Chapter 6 1371
    3. References to provisions of the old Chapter 6 1371
    4. Roll forward of regulatory asset base for first regulatory control period 1371
    5. Other adjustment carry-over mechanisms from current to first regulatory control period 1371
    6. 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 .1371
    7. Powerlink transitional provisions 1374
    8. ElectraNet easements transitional provisions 1377
    9. TransGrid contingent projects 1378
    10. Transmission determination includes existing revenue determinations 1378
    11. References to regulatory control period 1378
    12. Consultation procedure for first proposed guidelines 1379
    13. Reliance on proposed guidelines for SP AusNet, VENCorp and

ElectraNet 1379

* + 1. EnergyAustralia transitional provisions 1380
    2. Basslink transitional provisions 1382
    3. SPI Powernet savings and transitional provision 1383
    4. Interim arrangements pricing-related information 1385

# Part F Reform of Regulatory Test Principles (2006 amendments) 1385

# Rules consequent on making of the National Electricity Amendment (Reform of the Regulatory Test Principles) Rule 2006 1385

* + 1. Definitions 1385
    2. Amending Rule does not affect old clause 5.6.5A 1386

# Part G Pricing of Prescribed Transmission Services (2006 amendments) 1386

# Rules consequent on making the National Electricity Amendment (Pricing of Prescribed Transmission Services) Rule 2006 1386

* + 1. Definitions 1386
    2. Regulated interconnectors 1387
    3. Application of new Part J of Chapter 6A to Transmission Network Service Providers 1387
    4. Reliance on agreed interim guideline for ElectraNet, SPAusNet, and VenCorp 1387
    5. Prudent discounts under existing agreements 1387
    6. Application of prudent discounts regime under rule 6A.26 1388
    7. Prudent discounts pending approval of pricing methodology 1388

# Part H Reallocations (2007 amendments) 1389

# Rules consequent on the making of the National Electricity Amendment (Reallocations) Rule 2007 1389

* + 1. Definitions 1389
    2. Existing and transitional reallocations 1389

# Part I Technical Standards for Wind Generation (2007 amendments) 1389

# Rules consequent on making of the National Electricity Amendment (Technical Standards for Wind Generation and other Generator Connections) Rule 2007 1389

* + 1. Definitions 1389
    2. Provision of information under S5.2.4 in registration application 1390
    3. Access standards made under the old Chapter 5 1390
    4. Modifications to plant by Generators 1390
    5. Technical Details to Support Application for Connection and Connection Agreement 1391
    6. Transitional arrangements for establishment of performance standards .1391 11.10.7 Jurisdictional Derogations for Queensland 1391

# 11.10A Rules consequent on the making of the National Electricity Amendment (Central Dispatch and Integration of Wind and Other Intermittent Generation) Rule 2008 1391

11.10A.1 Definitions 1391

11.10A.2 Registration and reclassification of classified generating units 1392

11.10A.3 Registered generating unit 1393

11.10A.4 Classification of potential semi-scheduled generating unit 1393

11.10A.5 Participant fees 1393

11.10A.6 Timetable 1394

11.10A.7 Procedure for contribution factors for ancillary service transactions 1394

* 1. A.8 Guidelines for energy conversion model information 1394

# Part J Cost Recovery of Localised Regulation Services (2007

# amendments) 1394

# Rules consequent on making of the National Electricity Amendment (Cost Recovery of Localised Regulation Services) Rule 2007 1394

* + 1. Definitions 1394
    2. Action taken by NEMMCO for the purposes of Amending Rule 1395

# [Deleted] 1395

# Part L [Deleted] 1395

# Part M Economic Regulation of Distribution Services (2007 amendments) .1395 Division 1 General Provisions 1395

# General provisions 1395

* + 1. Application of this Division 1395
    2. Definitions 1395
    3. Preservation of old regulatory regime 1396
    4. Transfer of regulatory responsibility 1397
    5. Special requirements with regard to ring fencing 1397
    6. Additional requirements with regard to cost allocation 1398
    7. Construction of documents 1398

# Division 2 [Deleted] 1398

# Division 3 Transitional arrangements for first distribution determination for Queensland Distribution Network Service Providers 1398

# Transitional arrangements for first distribution determination for Queensland Distribution Network Service Providers 1398

* + 1. Definitions 1398
    2. Application of Part to Queensland 2010 distribution determinations 1399
    3. Treatment of the regulatory asset base 1399
    4. Efficiency Benefit Sharing Scheme 1399
    5. Service Target Performance Incentive Scheme 1399
    6. Framework and approach 1400
    7. Regulatory Proposal 1400
    8. Side constraints 1400
    9. Cost pass throughs 1400
    10. Capital Contributions Policy 1401

# Division 4 Transitional provisions of specific application to Victoria 1401

# Transitional provisions of specific application to Victoria 1401

* + 1. Definitions 1401
    2. Calculation of estimated cost of corporate income tax 1402
    3. Decisions made in the absence of a statement of regulatory intent 1402
    4. Cost allocation guidelines 1402
    5. Modification of requirements related to cost allocation method 1402
    6. AMI Order in Council 1403

# Part N Registration of Foreign Based Persons and Corporations as Trader Class Participants (2007 amendments) 1404

# Rules consequential on the making of the National Electricity Amendment (Registration of Foreign Based Persons and Corporations as Trader Class Participants) Rule 2007 1404

* + 1. Definitions 1404
    2. Auction rules 1404

# Part O Process for Region Change (2007 amendments) 1404

# Rules consequent on making of the National Electricity Amendment (Process for Region Change) Rule 2007 1404

* + 1. Definitions 1404
    2. Regions Publication 1404

# Part P Integration of NEM Metrology Requirements 1405

# Rules consequential on the making of the National Electricity Amendment (Integration of NEM Metrology Requirements) Rule

# 2008 .........................................................................................................1405

* + 1. Definitions 1405
    2. Metering installations for non-market generating units immediately prior to 30 June 2008 1405
    3. First-tier load metering installations 1405
    4. First-tier load metering installations in Victoria 1406
    5. Minimalist Transitioning Approach in Queensland 1406
    6. First-tier jurisdictional requirements publication 1406
    7. Metrology procedure 1406

# Part PA Reliability Settings: Information Safety Net and Directions 1407

# Rules consequential on the making of the National Electricity Amendment (NEM Reliability Settings: Information Safety Net and Directions) Rule 2008 1407

* + 1. Definitions 1407
    2. EAAP guidelines 1407
    3. [Deleted] 1407
    4. [Deleted] 1407
    5. Timetable 1407
    6. Power system security and reliability standards 1407
    7. Report on statement of opportunities 1407
    8. Methodology for dispatch prices and ancillary services prices 1408

# Part Q Regulatory Test Thresholds and Information Disclosure on Network Replacements 1408

# Rules consequential on the making of the National Electricity Amendment (Regulatory Test Thresholds and Information Disclosure on Network Replacements) Rule 2008 1408

* + 1. Definitions 1408
    2. Amending Rule does not affect existing regulatory test 1408

# Part R Performance Standard Compliance of Generators 1409

# Rules consequential on the making of the National Electricity Amendment (Performance Standards Compliance of Generators) Rule 2008 1409

* + 1. Definitions 1409
    2. Application of rule 11.23 for compliance programs implemented immediately after the commencement of the Amending Rule 1409
    3. Application of rule 11.23 for compliance programs implemented immediately prior to the commencement of the Amending Rule 1409
    4. Application of rule 11.23 for compliance programs not implemented immediately prior to the commencement of the Amending Rule 1409

# Part S [Deleted] 1410

# Part U Confidentiality Arrangements concerning Information required for Power System Studies 1410

# Rule consequential on the making of the National Electricity Amendment (Confidentiality Arrangements in Respect of Information Required for Power System Studies) Rule 2009 1410

* + 1. Definitions 1410
    2. Transitional arrangements for the provision of information 1410

# Part V WACC Reviews: Extension of Time 1411

# Rule consequential on the making of the National Electricity Amendment (WACC Reviews: Extension of Time) Rule 2009 1411

* + 1. Definitions 1411
    2. Extension of time to submit a regulatory proposal for the regulatory control period 2010-2015 1412

# Part W National Transmission Statement 1412

# Rules consequent on the making of the National Electricity Amendment (National Transmission Statement) Rule 2009 1412

* + 1. Definitions 1412
    2. Purpose 1412
    3. Application of rule 11.27 1412
    4. National Transmission Statement 1413
    5. Scope and Content of National Transmission Network Development

Plan 1414

* + 1. Energy Adequacy Assessment Projection 1415
    2. Amendment to Last Resort Power 1415
    3. Actions taken prior to commencement of Rule 1415

# Part X National Transmission Planning 1415

# Rules consequential on the making of the National Electricity (Australian Energy Market Operator) Amendment Rules 2009 1415

* + 1. Definitions 1415
    2. Jurisdictional planning bodies and representatives 1415
    3. Criteria and guidelines published by Inter-regional Planning Committee 1416
    4. Augmentation technical reports 1416
    5. Last Resort Planning Power 1416
    6. Inter-network power system tests 1417
    7. Control and protection settings for equipment 1417
    8. Revenue Proposals 1417

# Part Y Regulatory Investment Test for Transmission 1417

# Rules consequent on making of the National Electricity Amendment (Regulatory Investment Test for Transmission) Rule 2009 1417

* + 1. Definitions 1417
    2. Period when Amending Rule applies to transmission investment 1418

# Part Z Congestion Information Resource 1419

# Rules consequent on the making of the National Electricity Amendment (Congestion Information Resource) Rule 2009 1419

* + 1. Definitions 1419
    2. Interim congestion Information resource 1419

# Part ZA Reliability and emergency reserve trader (2009 amendments) 1421

# Rules consequent on the making of the National Electricity Amendment (Improved RERT Flexibility and Short-notice Reserve Contracts) Rule 2009 1421

* + 1. Definitions 1421
    2. Purpose 1421
    3. Amendments to Reliability Panel's RERT Guidelines 1421
    4. Amendments to AEMO's RERT procedures for exercising the RERT 1422

# Part ZB Early Application of Market Impact Parameters 1423

# Rules consequent on the making of the National Electricity Amendment (Early Implementation of Market Impact Parameters) Rule 2010 1423

* + 1. Definitions 1423
    2. Purpose 1423
    3. Early application of the market impact component of the service target performance incentive scheme 1423

# Part ZC Transparency of operating data 1426

# Rules consequential on the making of National Electricity Amendment (Transparency of Operating Data) Rule 2010 1426

* + 1. Definitions 1426
    2. Spot market operations timetable 1427

# Part ZD Cost Recovery for Other Services Directions 1428

# Rules consequent on making of the National Electricity Amendment (Cost Recovery for Other Services Directions) Rule 2010 1428

* + 1. Definitions 1428
    2. Period when Amending Rules applies to funding of compensation 1429

# Part ZE Payments under Feed-in Schemes and Climate Change Funds 1429

# Rules consequential on the making of the National Electricity Amendment (Payments under Feed-in Schemes and Climate Change Funds) Rule 2010 1429

* + 1. Definitions 1429
    2. Application of recovery of jurisdictional scheme Rules 1430
    3. Reporting on jurisdictional schemes 1431
    4. Revocation and substitution of distribution determination for jurisdictional scheme recovery 1432

# Part ZF Transitional Arrangements for Ministerial Smart Meter Roll Out Determinations 1432

# Ministerial Smart Meter Roll Out Determinations 1432

* + 1. Definitions 1432
    2. Meaning of relevant metering installation 1433
    3. Period of application of rule to relevant metering installation 1433
    4. Designation of responsible person 1433
    5. [Deleted] 1434
    6. [Deleted] 1434

# Part ZG Provision of Metering Data Services and Clarification of Existing Metrology Requirements 1434

# Rules consequential on the making of the National Electricity Amendment (Provision of Metering Data Services and Clarification of Existing Metrology Requirements) Rule 2010 1434

* + 1. Definitions 1434
    2. Commencement of special site or technology related conditions 1434
    3. Initial service level procedures 1434

# Part ZH Spot Market Operations Timetable 1435

# Rules consequential on the making of National Electricity Amendment (Amendments to PASA-related Rules) Rule 2010 1435

* + 1. Definitions 1435
    2. Spot market operations timetable 1435

# Part ZI DNSP Recovery of Transmission-related Charges 1436

# Rules consequential on the making of the National Electricity Amendment (DNSP Recovery of Transmission-related Charges) Rule 2011 1436

* + 1. Definitions 1436
    2. Recovery by Victorian distribution network service providers during current regulatory control period 1437
    3. Recovery by Victorian distribution network service providers for shared network augmentations 1437
    4. Bairnsdale network support agreement 1437
    5. Approval of pricing proposal 1437
    6. Ergon Energy transitional charges 1437
    7. Energex transitional charges 1438

# Part ZJ Network Support and Control Ancillary Services 1438

# Rules consequential on the making of the National Electricity Amendment (Network Support and Control Ancillary Services) Rule 2011 1438

* + 1. Definitions 1438
    2. Purpose 1438
    3. Existing NCAS contracts to continue 1438
    4. Amendments to existing guidelines 1439
    5. New procedures 1439
    6. Decisions and actions taken prior to Amending Rule 1439

# Part ZK Application of Dual Marginal Loss Factors 1439

# Rules consequential on the making of the National Electricity Amendment (Application of Dual Marginal Loss Factors) Rule 2011 1439

* + 1. Definitions 1439
    2. Amendments to loss factor methodology 1440
    3. Procedure applying dual intra-regional loss factors in central dispatch and spot market transactions 1440
    4. Publication of intra-regional loss factors 1440

# Part ZL Tasmania Tranche 5a Procedure Changes 1440

# Rules consequential on the making of the National Electricity Amendment (Tasmania Tranche 5a Procedure Changes) Rule 2011 1440

* + 1. Definitions 1440
    2. AEMO may amend Relevant Procedures 1441

# Part ZM Application and Operation of Administered Price Periods 1441

# Rules consequential on the making of National Electricity Amendment (Application and Operation of Administered Price Periods) Rule 2011 1441

* + 1. Definitions 1441
    2. Administered Price Cap Schedule 1441

# Part ZO Negative Intra-regional Settlements Residue 1442

# Rules consequential on the making of National Electricity Amendment (Negative Intra-regional Settlements Residue) Rule 2012 1442

* + 1. Definitions 1442
    2. Recovery of negative settlements residue prior to consultation under the Amending Rule 1442
    3. First consultation on negative intra-regional settlements residue

procedure 1443

# Part ZP Interim Connection Charging Rules 1443

# Rules consequential to the insertion of Chapter 5A by the National Electricity (National Energy Retail Law) Amendment Rule 2012 1443

# Division 1 Preliminary 1443

* + 1. Definitions 1443
    2. Extended meaning of some terms 1445
    3. Transitional operation of relevant provisions 1445

# Division 2 Jurisdictional differences 1446

* + 1. Exclusions, qualifications and modifications for ACT 1446
    2. Exclusions, qualifications and modifications for NSW 1447
    3. Exclusions, qualifications and modifications for Queensland 1448
    4. Exclusions, qualifications and modifications for SA 1449
    5. Exclusions, qualifications and modifications for Tasmania 1450
    6. Exclusions, qualifications and modifications for Victoria 1451

# Division 3 General provisions 1453

* + 1. Connection charges 1453
    2. References 1453

# Part ZQ NSW transitional retail support and credit support rules 1453

# Rules consequential on the insertion of Chapter 6B by the National Electricity (National Energy Retail Law) Amendment Rule 2012 1453

# Division 1 Preliminary 1453

* + 1. Definitions 1453
    2. Application 1455
    3. Obligation to pay 1455
    4. Charging and billing 1456
    5. Interest on unpaid amounts 1456
    6. Circumstances where NSW DNSP may request credit support 1456
    7. Credit support 1456
    8. Credit support providers 1457
    9. NSW DNSP to determine required credit support amount 1457
    10. NSW Retailer to ensure credit support available 1457
    11. Drawing on credit support 1458
    12. Specific transitional arrangements 1458

# Part ZR Miscellaneous transitional rules—NERL 1458

# Rules consequential on the making of the National Electricity (National Energy Retail Law) Amendment Rule 2012 1458

* + 1. Extension of time period for AER to consider certain pass through applications 1458

# Part ZS Cost pass through arrangements for Network Service Providers 1459

# Rules consequential on the making of National Electricity Amendment (Cost pass through arrangements for Network Service Providers) Rule 2012 1459

* + 1. Definitions 1459
    2. Terrorism event is a cost pass through event in the current regulatory control period 1459
    3. Transitional arrangement for Powerlink 1459
    4. Transitional arrangements for ElectraNet and Murraylink 1460

# Part ZT Distribution Network Planning and Expansion 1460

# Rules consequential on the making of the National Electricity Amendment (Distribution Network Planning and Expansion) Rule 2012 1460

* + 1. Interpretation 1460
    2. Definitions 1460
    3. Timing for first Distribution Annual Planning Report 1461
    4. Contents of Distribution Annual Planning Report 1461
    5. Transition from the regulatory test to the regulatory investment test for distribution 1462

# Part ZU New Prudential Standard and Framework in the NEM 1463

# Rules consequential on the making of the National Electricity Amendment (New Prudential Standard and Framework in the NEM) Rule 2012 1463

* + 1. Definitions 1463
    2. AEMO's responsibility to develop and publish the credit limit

procedures 1464

* + 1. Transition to the framework for determining prudential settings 1464
    2. Prior consultation, step, decision or action taken by AEMO 1464

# Part ZV Small Generation Aggregator Framework 1464

# Rules consequential on the making of the National Electricity Amendment (Small Generation Aggregator Framework) Rule

# 2012 .........................................................................................................1464

* + 1. Definitions 1464
    2. Commencement of participant fees as well as transactions, funding and settlements under Chapter 3 for Market Small Generation Aggregators.1465
    3. Participant fees for Market Small Generation Aggregators 1465
    4. Ancillary service transactions, funding of compensation for directions and intervention settlements for directions for Market Small Generation Aggregators 1466
    5. Amendments to the carbon dioxide equivalent intensity index

procedures 1466

* + 1. Amendments of the metrology procedures 1467
    2. Amendments to the Market Settlement and Transfer Solution Procedures 1467

# Part ZW Economic Regulation of Network Service Providers (2012 amendments) 1467

# Division 1 Miscellaneous transitional provisions 1467

# Publication of Chapter 6 Guidelines 1467

* + 1. Shared Asset Guidelines 1467
    2. Capital Expenditure Incentive Guidelines 1468
    3. Rate of Return Guidelines 1468
    4. Expenditure Forecast Assessment Guidelines 1468
    5. Distribution Confidentiality Guidelines 1469
    6. Consultation procedure paper 1469

# Publication of Chapter 6A Guidelines 1469

* + 1. Shared Asset Guidelines 1469
    2. Capital Expenditure Incentive Guidelines 1469
    3. Rate of Return Guidelines 1470
    4. Expenditure Forecast Assessment Guidelines 1470
    5. Transmission Confidentiality Guidelines 1470
    6. Consultation paper procedure 1471

# Division 2 Transitional provisions for NSW/ACT Distribution Network Service Providers 1471

# General provisions 1471

* + 1. Definitions 1471
    2. Transitional Chapter 6 1472
    3. Application of rule 11.56 1473

# Special provisions applying to affected DNSPs 1473

* + 1. Requirement to make distribution determination 1473
    2. Transitional regulatory proposal 1473
    3. Distribution determination for a transitional regulatory control period 1475
    4. Subsequent regulatory control period 1479
    5. Review of past capital expenditure 1484

# Division 3 Transitional provisions for NSW and Tasmanian Transmission Network Service Providers and Directlink 1485

# General provisions 1485

* + 1. Definitions 1485
    2. Transitional Chapter 6A 1486
    3. Application of rule 11.58 1487

# Special provisions applying to affected TNSPs 1487

* + 1. Requirement to make transmission determination 1487
    2. Requirement to submit a transitional Revenue Proposal 1487
    3. Transmission determination for a transitional regulatory control period 1488 11.58.4 Subsequent regulatory control period 1491

11.58.5 Review of past capital expenditure 1495

# Division 4 Transitional provisions for the Victorian TNSP 1496

# Special provisions applying to the Victorian TNSP 1496

* + 1. Definitions 1496
    2. Application of rule 11.59 1496
    3. Former Chapter 6A/10 applies 1496
    4. Review of past capital expenditure 1497

# Division 5 Transitional provisions for Qld/SA and Victorian Distribution Network Service Providers 1497

# Special provisions applying to the Qld/SA and Victorian Distribution Network Service Providers 1497

* + 1. Definitions 1497
    2. Application of rule 11.60 1498
    3. Distribution determination for next regulatory control period 1498
    4. Re-opening of distribution determination for next regulatory control

period 1500

* + 1. Review of past capital expenditure 1502

# Division 6 Review of past capital expenditure 1503

# Definitions and application 1503

# Review of past capital expenditure under Chapter 6 1503

# Review of past capital expenditure under Chapter 6A 1503

# Part ZX Inter-regional Transmission Charging 1504

# Rules consequent on the making of the National Electricity Amendment (Inter-regional Transmission Charging) Rule 2013 1504

* + 1. Definitions 1504
    2. Amendments to the pricing methodology guidelines 1504
    3. Amendments to the pricing methodologies of Transmission Network Service Providers 1505
    4. Commencement of clause 6A.23.3(f) for further adjustments 1505

# Part ZY Network Service Provider Expenditure Objectives 1506

# Rules consequent on the making of the National Electricity Amendment (Network Service Provider Expenditure Objectives) Rule 2013 1506

* + 1. Definitions 1506
    2. Application of rule 11.65 1506

# Part ZZ Access to NMI Standing Data 1506

# Rules consequent on the making of the National Electricity Amendment (Access to NMI Standing Data) Rule 2013 1506

* + 1. Definitions 1506
    2. Minor amendment of the Market Settlement and Transfer Solution Procedures 1506

# Part ZZA Publication of Zone Substation Data 1507

# Rules consequent on the making of the National Electricity Amendment (Publication of Zone Substation Data) Rule 2014 1507

* + 1. Definitions 1507
    2. Distribution Network Service Providers' obligations to commence on the next DAPR date 1507

# Part ZZB Connecting Embedded Generators 1508

# Rules consequential on the making of the National Electricity Amendment (Connecting embedded generators) Rule 2014 1508

* + 1. Definitions 1508
    2. Continuation of enquiries lodged 1508

# Part ZZC Customer access to information about their energy consumption 1508

# Rules consequential on the making of the National Electricity Amendment (Customer access to information about their energy consumption) Rule 2014 1508

* + 1. Definitions 1508
    2. AEMO to develop and publish the metering data provision procedure 1508

# Part ZZD National Electricity Amendment (Distribution Network Pricing Arrangements) Rule 2014 1509

# Division 1 Miscellaneous transitional provisions 1509

# General provisions 1509

* + 1. Definitions 1509
    2. Application of Part ZZB 1510

# Special provisions applying to SA TNSP 1510

# Division 2 Transitional provisions for NSW/ACT and Qld/SA Distribution Network Service Providers 1511

# General provisions 1511

* + 1. Definitions 1511

# Special provisions applying to affected DNSPs 1511

* + 1. Distribution determination and pricing proposals 1511
    2. Tariff structure statement 1511
    3. Dispute resolution 1517

# Division 3 Transitional provisions for Tasmanian Distribution Network Service Provider 1517

# Application of former Chapter 6 1517

# Division 4 Transitional provisions for Victorian Distribution Network Service Providers 1517

# General provisions 1517

* + 1. Definitions 1517

# Special provisions applying to affected DNSPs 1518

* + 1. Distribution determination and pricing proposals 1518
    2. Tariff structure statement 1518
    3. Dispute resolution 1524

# Part ZZE Early Application of Network Capability Component (STPIS) 1524

# 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 1524

* + 1. Definitions 1524
    2. Purpose 1525
    3. Earlier application of the network capability component of the service target performance incentive scheme 1525

# Part ZZF National Electricity Amendment (Governance arrangements and implementation of the reliability standard and settings) Rule 2015 .1527

# Rules consequent on the making of the National Electricity Amendment (Governance arrangements and implementation of the reliability standards and settings) Rule 2015 1527

* + 1. Definitions 1527
    2. Existing power system security and reliability standards 1528
    3. Reliability standard and settings guidelines 1528
    4. Reliability standard implementation guidelines 1528

# Part ZZG Improving demand side participation information provided to AEMO by registered participants 1531

# Rules consequential on making of the National Electricity Amendment (Improving demand side participation information provided to AEMO by registered participants) Rule 2015 1531

* + 1. AEMO to develop and publish the demand side participation information guidelines 1531

# Part ZZH Transitional Arrangements for Aligning TasNetworks' regulatory control periods 1531

# National Electricity Amendment (Aligning TasNetworks' regulatory control periods) Rule 2015 1531

* + 1. Definitions 1531
    2. Application of rule 11.80 1531
    3. Next regulatory control period 1532
    4. Subsequent regulatory control period 1532

# Part ZZI System Restart Ancillary Services 1532

# Rules consequential on the making of the National Electricity Amendment (System Restart Ancillary Services) Rule 2015 1532

* + 1. Definitions 1532
    2. System restart standard 1532
    3. SRAS Guideline 1532
    4. Regional Benefit Ancillary Services Procedures 1532
    5. Consultation prior to the Commencement Date 1532
    6. Existing SRAS Contract 1533

# Part ZZJ Demand management incentive scheme 1533

# Rules consequential on making of the National Electricity Amendment (Demand management incentive scheme) Rule 2015 1533

* + 1. Definitions 1533
    2. AER to develop and publish the demand management incentive scheme and demand management innovation allowance mechanism 1533

# Part ZZK AEMO access to demand forecasting information 1534

# Rules consequential on the making of the National Electricity Amendment (AEMO access to demand forecasting information) Rule 2015 1534

* + 1. AEMO to include supporting information in NTNDP database 1534

# Part ZZL Compensation arrangements following application of an Administered Price Cap or Administered Floor Price 1534

# 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 .1534

* + 1. Definitions 1534
    2. Compensation Guidelines 1534

# Part ZZM Common definitions of distribution reliability measures 1534

# Rules consequential on the making of the National Electricity Amendment (Common definitions of distribution reliability measures) Rule 2015 1534

* + 1. Definitions 1534
    2. Distribution reliability measures guidelines 1535
    3. Amended STPIS 1535

# Part ZZN Expanding competition in metering and metering related services 1535

# Rules consequent on making of the National Electricity Amendment (Expanding competition in metering and related services) Rule

# 2015 .........................................................................................................1535

* + 1. Definitions 1535
    2. References to old Chapter 7 1535
    3. References to provisions of the old Chapter 7 1535
    4. References to responsible person 1536
    5. Continued operation of old Rules until the effective date 1536
    6. New and amended procedures 1536
    7. Metering Coordinator for type 5 or 6 metering installation from effective date 1537
    8. Distribution Ring Fencing Guidelines 1540
    9. [Deleted] 1540

# Part ZZO Embedded Networks 1540

# Rules consequential on the making of the National Electricity Amendment (Embedded Networks) Rule 2015 1540

* + 1. Definitions 1540
    2. Amended Procedures and NMI Standing Data Schedule 1540
    3. ENM service level procedures and guide to embedded networks and list of Embedded Network Managers 1541
    4. Exemptions under section 13 of the National Electricity Law 1541

# Part ZZP Meter Replacement Processes 1541

# Rules consequential on the making of the National Electricity Amendment (Meter Replacement Processes) Rule 2016 1541

* + 1. Definitions 1541
    2. Amended Procedures 1541

# Part ZZQ Energy Adequacy Assessment Projection 1542

# Rules consequential to the National Electricity Amendment (Energy Adequacy Assessment Projection timeframes) Rule 2016 1542

* + 1. Amended guideline and timetable 1542

# Part ZZR Reliability and emergency reserve trader (2016 amendments) 1542

# Amendment (Extension of the Reliability and Emergency Reserve Trader) Rule 2016 1542

* + 1. Definitions 1542
    2. Amendments to Reliability Panel's RERT Guidelines 1542
    3. Amendments to AEMO's RERT procedures 1543
    4. Reserve contracts entered into before Schedule 2 commencement date .1543

# Part ZZS Updating the electricity B2B framework 1543

# Rules consequential on the making of the National Electricity Amendment (Updating the electricity B2B framework) rule 2016 1543

* + 1. Definitions 1543
    2. B2B Procedures 1544
    3. Information Exchange Committee Election Procedures and Information Exchange Committee Operating Manual 1544
    4. The New IEC 1545
    5. Amended Procedures 1546
    6. B2B e-Hub Participant accreditation process 1546
    7. New IEC Budget and 2016 Annual Report 1547
    8. Cost recovery 1547

# Part ZZT Application of Offsets in the Prudential Margin Calculation 1548

# Rules consequential on the making of the National Electricity Amendment (Application of Offsets in the Prudential Margin Calculation) Rule 2016 1548

* + 1. Definitions 1548
    2. Amended procedures 1548

# Part ZZU Rate of Return Guidelines Review 1548

# Rules consequential on the making of the National Electricity Amendment (Rate of Return Guidelines Review) Rule 2016 1548

* + 1. Definitions 1548
    2. Application of current rate of return guidelines to making of a distribution determination for the subsequent regulatory control period 1549

# Part ZZV Demand Response Mechanism and Ancillary Services Unbundling 1550

# Rules consequential on the making of the National Electricity Amendment (Demand Response Management and Ancillary Services Unbundling) rule 2016 1550

* + 1. Definitions 1550
    2. Participant fees for Market Ancillary Service Providers 1550

# Part ZZW Local Generation Network Credits 1550

# Rules consequential on the making of the National Electricity Amendment (Local Generation Network Credits) Rule 2016 1550

* + 1. Definitions 1550
    2. System limitation template 1550

# Part ZZX Retailer-Distributor Credit Support Requirements 1551

# Amendment (Retailer Distributor Credit Support Requirements) Rule 2017 No. 1 1551

* + 1. Definitions 1551
    2. Continued operation of old Chapter 6B 1551
    3. Interaction with Chapter 6 1551
    4. Application of new Chapter 6B 1551

# Part ZZY Emergency Frequency Control Schemes 1552

# Rules consequent on the making of the National Electricity Amendment (Emergency frequency control schemes) Rule 2017 1552

* + 1. Definitions 1552
    2. Interim frequency operating standards for protected events 1552
    3. First power system frequency risk review 1553
    4. AEMO must review existing load shedding procedures 1553
    5. Load shedding procedures 1553

# Part ZZZ Transmission Connection and Planning Arrangements 1554

# Rules consequential on the making of the National Electricity Amendment (Transmission Connection and Planning Arrangements) Rule 2017 1554

* + 1. Definitions 1554
    2. Grandfathering of existing dedicated connection assets 1555
    3. Preparatory steps for registration changes under the Amending Rule 1556
    4. Participant fees for Dedicated Connection Asset Service Providers 1556
    5. Existing Connection Agreements 1556
    6. Connection process 1556
    7. Transmission Annual Planning Report 1557
    8. Preservation for adoptive jurisdictions 1557

# Part ZZZA Replacement expenditure planning arrangements 1557

# Rules consequential on the making of the National Electricity Amendment (Replacement expenditure planning arrangements) Rule 2017 1557

* + 1. Definitions 1557
    2. Interpretation 1559
    3. Transitional arrangements for affected DNSPs 1559
    4. Amendments to RIT documentation 1559
    5. Transitional arrangements relating to excluded projects 1559
    6. Transitional arrangements relating to Victorian bushfire mitigation projects 1560
    7. Transitional arrangements relating to review of costs thresholds 1560

# Part ZZZB Managing the rate of change of power system frequency 1560

# Rules consequential on the making of the National Electricity Amendment (Managing the rate of change of power system frequency) Rule 2017 1560

* + 1. Definitions 1560
    2. Inertia sub-networks 1561
    3. Inertia requirements methodology 1561
    4. Inertia requirements 1562
    5. NSCAS not to be used to meet an inertia shortfall after 1 July 2019 1562
    6. Inertia network services may be used to meet an NSCAS gap declared in the NSCAS transition period 1563
    7. Inertia network services made available before the commencement date 1563

# Part ZZZC Managing power system fault levels 1564

# Rules consequential on the making of the National Electricity Amendment (Managing power system fault levels) Rule 2017 1564

* + 1. Definitions 1564
    2. System strength impact assessment guidelines 1565
    3. System strength requirements methodology 1565
    4. System strength requirements 1565
    5. NSCAS not to be used to meet a fault level shortfall after 1 July 2019 1566
    6. System strength services may be used to meet an NSCAS gap declared in the NSCAS transition period 1567
    7. Withdrawal of a system strength-related NSCAS gap already declared .1567
    8. System strength services made available before the commencement date 1568

# Part ZZZD Generating System Model Guidelines 1568

# Making of Power System Model Guidelines 1568

# Part ZZZE Five Minute Settlement 1568

# Rules consequential on the making of the National Electricity Amendment (Five Minute Settlement) Rule 2017 1568

* + 1. Definitions 1568
    2. Amendments to procedures 1569

11.103.3. Exemption for certain metering installations 1570

* + 1. New or replacement meters 1570
    2. Metering installations exempt from metering data provision requirements 1570
    3. Exemption from meter data storage requirements 1570
    4. Default offers and bids submitted prior to the commencement date 1570

# Part ZZZF Contestability of energy services 1571

# Rules consequential on the making of the National Electricity Amendment (Contestability of energy services) Rule 2017 1571

* + 1. Definitions 1571
    2. New guidelines 1572
    3. Transitional arrangements for application of Distribution Service Classification Guidelines and service classification provisions 1573
    4. Transitional arrangements for application of Asset Exemption Guidelines, exemption applications and asset exemption decisions 1573
    5. Transitional arrangements for adjustment in value of regulatory asset

base 1574

# Part ZZZG Declaration of lack of reserve conditions 1575

# Making of lack of reserve declaration guidelines 1575

* + 1. Definitions 1575
    2. Making of lack of reserve declaration guidelines 1575

# Part ZZZH Implementation of demand management incentive scheme 1575

* 1. Implementation of demand management incentive scheme 1575
     1. Definitions 1575
     2. Purpose 1575
     3. Early application of revised demand management incentive scheme 1576

# Part ZZZI Reinstatement of long notice Reliability and Emergency Reserve Trader 1577

# Rules consequential on the making of the National Electricity Amendment (Reinstatement of long notice Reliability and Emergency Reserve Trader) Rule 2018 1577

* + 1. Definitions 1577
    2. New RERT guidelines 1578
    3. Amendments to RERT procedures 1581
    4. Reserve contracts entered into before the commencement date 1581

# Part ZZZJ Register of distributed energy resources 1581

# Rules consequential on the making of the National Electricity Amendment (Register of distributed energy resources) Rule 2018 1581

* + 1. Definitions 1581
    2. AEMO to develop and publish DER register information guidelines 1582
    3. NSPs to provide AEMO with existing DER generation information 1582

# Part ZZZK Generator technical performance standards 1582

# Rules consequential on the making of the National Electricity Amendment (Generator technical performance standards) Rule

# 2018 .........................................................................................................1582

* + 1. Definitions 1582
    2. Application of the Amending Rule to existing connection enquiries 1583
    3. Application of the Amending Rule to existing applications to connect 1584
    4. Application of the Amending Rule to existing offers to connect 1586
    5. Application of the Amending Rule to Existing Connection Agreements 1586

# Part ZZZL Generator three year notice of closure 1587

# Rules consequential on the making of the National Electricity Amendment (Generator three year notice of closure) Rule 2018 1587

* + 1. Definitions 1587
    2. AER to develop and publish notice of closure exemption guideline 1587
    3. Application of Amending Rule to AEMO 1587
    4. Application of Amending Rule to Generators 1587

# Part ZZZM Participant compensation following market suspension 1588

# Rules consequential on the making of the National Electricity Amendment (Participant compensation following market suspension) Rule 2018 1588

* + 1. Definitions 1588
    2. Market suspension compensation methodology and schedule of benchmark values 1588

# Part ZZZN Global settlement and market reconciliation 1588

# Rules consequential on the making of the National Electricity Amendment (Global settlement and market reconciliation) Rule

# 2018 .........................................................................................................1588

* + 1. Definitions 1588
    2. Amendments to AEMO procedures 1589
    3. AEMO to publish report on unaccounted for energy trends 1589
    4. Continuation of registration for non-market generators 1589
    5. Publication of UFE data by AEMO 1589
    6. Publication of UFE reporting guidelines 1590

# Part ZZZO Metering installation timeframes 1590

# Rules consequential on making of the National Electricity Amendment (Metering installation timeframes) Rule 2018 1590

* + 1. Definitions 1590
    2. Timeframes for meters to be installed 1590

# Part ZZZP Early implementation of ISP priority projects 1591

# National Electricity Amendment (Early implementation of ISP priority projects) Rule 2019 1591

* + 1. Definitions 1591
    2. Modifications to clause 5.16.6 for ISP VNI and QNI projects 1592
    3. Modifications to clause 6A.8.2 for ISP projects 1593

# Part ZZZQ Enhancement to the Reliability and Emergency Reserve Trader 1595

# Rules consequential on the making of the National Electricity Amendment (Enhancement to the reliability and emergency reserve trader) Rule 2019 1595

* + 1. Definitions 1595
    2. New RERT guidelines 1596
    3. Amendments to RERT procedures 1596
    4. Reserve contracts entered into before the commencement date 1596
    5. Clause 3.20.6 (Reporting on RERT by AEMO) 1596

# Part ZZZR Retailer Reliability Obligation 1596

# Rules consequential on the making of the National Electricity Amendment (Retailer Reliability Obligation) Rule 2019 1596

* + 1. Application 1596
    2. Reliability Instrument Guidelines 1597
    3. Forecasting Best Practice Guidelines 1597
    4. Reliability Forecast Guidelines 1597
    5. AER Opt-in Guidelines 1598
    6. Contracts and Firmness Guidelines 1598
    7. Qualifying contracts under interim Contracts and Firmness Guidelines.1598 11.116.8 Grandfathering arrangements 1599
    8. Reliability Compliance Procedures and Guidelines 1600
    9. MLO Guidelines 1600
    10. Application of Part G, Divisions 2 – 6 (inclusive) 1600
    11. Interim deeming of MLO generators and MLO groups 1601
    12. MLO information template 1607
    13. Initial MLO register 1608
    14. Approved MLO products list 1608
    15. Designated MLO exchange 1608
    16. Five minute settlement intervals 1608
    17. Review by AEMC 1608

# Part ZZZS Transparency of new projects 1609

# Rules consequential on the making of the National Electricity Amendment (Transparency of new projects) Rule 2019 1609

* + 1. Definitions 1609
    2. Generation information page 1609
    3. Generation information guidelines 1609
    4. Provision and use of information 1610