

ERC0169 – Expanding competition in metering and related services

IMPORTANT NOTE

These tables provide a high-level summary of the reordering of provisions in Chapter 7 of the National Electricity Rules (“NER”) by the Draft National Electricity Amendment (Expanding competition in metering and related services) Rule 2015 (“Draft Rule”).

A reference in these tables to an ‘Old Clause’ is a reference to a rule or clause (as the case may be) of version 69 of the NER and a reference to a ‘New Clause’ is a reference to a draft rule or draft clause (as the case may be) in the revised Chapter 7 of the NER to be introduced under the Draft Rule (if made).¹ These tables do not provide details of amendments to existing provisions in Chapter 7 of the NER by the Draft Rule.

The information set out in these tables is for guidance only. Please refer to the Draft Rule for further details.

Summary Table 1 – Comparing structure of Chapter 7 under Draft Rule with current Chapter 7 of the NER

New Clause		Old Clause	
7	Metering	7	Metering
Part A	Introduction		
7.1	Introduction to the Metering Chapter	7.1	Introduction to the Metering Chapter
7.1.1	Contents	7.1.1	Contents
Part B	Roles and Responsibilities		
7.2	Role and Responsibility of the financially responsible Market Participant	N/A	<i>New heading</i>
7.2.1	Obligations of financially responsible Market Participants to establish metering installations	7.1.2	Obligations of Market Participants to establish metering installations
7.2.2	[Not used]	N/A	<i>New clause</i>
7.2.3	Agreements with Local Network Service Provider	N/A	<i>New clause</i>
7.2.4	[Not used]	N/A	<i>New clause</i>
7.2.5	Agreements with Metering Provider	N/A	<i>New clause</i>
7.3	Role and Responsibility of Metering Coordinator	N/A	<i>New heading</i>

¹ See Schedule 3 of the Draft Rule for further details.

Summary Table 1 - Key amendments to Chapter 7 of the NER comparing draft Chapter 7 to current Chapter 7

New Clause		Old Clause	
7.3.1	Responsibility of the Metering Coordinator	7.2.1	Responsibility of the responsible person
7.3.2	Role of the Metering Coordinator	7.2.5	Role of the responsible person
7.4	Qualification and Registration of Metering Providers and Metering Data Providers	7.4	Metering Providers and Metering Data Providers
7.4.1	Qualifications and registration of Metering Providers	7.4.2	Qualifications and registration of Metering Providers
7.4.2	Qualifications and registration of Metering Data Providers	7.4.2A	Qualifications and registration of Metering Data Providers
7.4.3	Deregistration of Metering Providers and Metering Data Providers	7.4.3	Deregistration of Metering Providers and Metering Data Providers
7.5	Role and Responsibility of AEMO	N/A	<i>New heading</i>
7.5.1	Responsibility of AEMO for the collection, processing and delivery of metering data	7.2.1A	Responsibility of AEMO for the collection, processing and delivery of metering data
7.5.2	AEMO's costs in connection with metering installation	7.3A(c)	Payment for Metering Provision and Metering Data Services
Part C	Appointment of Metering Coordinator		
7.6	Appointment of Metering Coordinator	N/A	<i>New heading</i>
7.6.1	Commercial nature of the Metering Coordinator appointment and service provision	N/A	<i>New clause</i>
7.6.2	Appointment by financially responsible Market Participant or large customer	N/A	<i>New clause</i>
7.6.3	Appointment with respect to transmission network connection	N/A	<i>New clause</i>
7.6.4	Type 7 metering installations	N/A	<i>New clause</i>
7.7	Metering Coordinator default arrangements	N/A	<i>New heading</i>
7.7.1	Obligations of financially responsible Market Participants on Metering Coordinator default event and end of contract term	N/A	<i>New clause</i>
7.7.2	Notices to be provided to AEMO, financially responsible Market	N/A	<i>New clause</i>

Summary Table 1 - Key amendments to Chapter 7 of the NER comparing draft Chapter 7 to current Chapter 7

New Clause		Old Clause	
	Participant and large customer by Metering Coordinator		
7.7.3	AEMO may issue breach notice	N/A	<i>New clause</i>
Part D	Metering installation		
7.8	Metering installation arrangements	7.3	Metering installation arrangements
7.8.1	Metering installation requirements	7.3.1A	Metering installation requirements
7.8.2	Metering installation components	7.3.1	Metering installation components
7.8.3	Small customer metering installations	N/A	<i>New clause</i>
7.8.4	Type 4A metering installation	N/A	<i>New clause</i>
7.8.5	Emergency management	N/A	<i>New clause</i>
7.8.6	Network devices	N/A	<i>New clause</i>
7.8.7	Metering point	7.3.2	Connection and metering point
7.8.8	Metering installation types and accuracy	7.3.4(a)(b) and (d)	Metering installation types, accuracy and meter churn
7.8.9	Meter churn	7.3.4(g)(j)(k)	Metering installation types, accuracy and meter churn
7.8.10	Meter installation malfunctions	7.3.7	Meter installation malfunctions
7.8.11	Changes to metering equipment, parameters and settings within a metering installation	7.8.3	Changes to metering equipment, parameters and settings within a metering installation
7.8.12	Special site or technology related conditions	7.2.4A	Special site or technology related conditions
7.8.13	Joint metering installations	7.2.4	Joint metering installations
7.9	Inspection, Testing and Audit of Metering installations	7.6	Inspection, Testing and Audit of Metering installations
7.9.1	Responsibility for testing	7.6.1	Responsibility for testing
7.9.2	Actions in event of non-compliance	7.6.2	Actions in event of non-compliance
7.9.3	Audits of information held in metering installations	7.6.3	Audits of information held in metering installations

Summary Table 1 - Key amendments to Chapter 7 of the NER comparing draft Chapter 7 to current Chapter 7

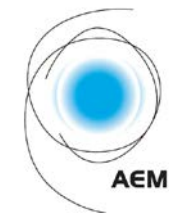
New Clause		Old Clause	
7.9.4	Errors found in metering tests, inspections or audits	7.9.5	Errors found in metering tests, inspections or audits
7.9.5	Retention of test records and documents	7.6.4	Retention of test records and documents
7.9.6	Metering installation registration process	7.2.7	Registration of metering installations
Part E	Metering Data		
7.10	Metering Data Services	N/A	<i>New heading</i>
7.10.1	Metering Data Services	7.11.2	Metering Data Services
7.10.2	Data management and storage	7.11.3	Data management and storage
7.10.3	Use of check metering data	7.11.4	Use of check metering data
7.10.4	Periodic energy metering	7.11.5	Periodic energy metering
7.10.5	Time settings	7.12	Time settings
7.10.6	Metering data performance standards	7.11.1	Metering data performance standards
7.11	Metering data and database	N/A	<i>New heading</i>
7.11.1	Metering databases	7.9.1	Metering databases
7.11.2	Data validation, substitution and estimation	7.9.4	Data validation, substitution and estimation
7.11.3	Changes to energy data or to metering data	7.8.4	Changes to energy data or to metering data
7.12	Register of Metering Information	7.5	Register of Metering Information
7.12.1	Metering register	7.5.1	Metering register
7.12.2	Metering register discrepancy	7.5.2	Metering register discrepancy
7.13	Disclosure of NMI information	7.5A	Disclosure of NMI information
7.13.1	Application of this Rule	7.5A.1	Application of this Rule
7.13.2	NMI and NMI checksum	7.5A.2	NMI and NMI checksum
7.13.3	NMI Standing Data	7.5A.3	NMI Standing Data
7.14	Metering data provision to retail customers	7.16	Metering data provision to retail customers

Summary Table 1 - Key amendments to Chapter 7 of the NER comparing draft Chapter 7 to current Chapter 7

New Clause		Old Clause	
Part F	Security of metering installation and energy data		
7.15	Security of metering installation and energy data	7.8	Security of metering installation and energy data
7.15.1	Confidentiality	7.10	Confidentiality
7.15.2	Security of metering installations	7.8.1	Security of metering installations
7.15.3	Security controls for energy data	7.8.2	Security controls for energy data
7.15.4	Additional security controls for small customer metering installations	N/A	<i>New clause</i>
7.15.5	Access to data	7.7	Entitlement to metering data and access to metering installation
Part G	Procedures		
7.16	Procedures	N/A	<i>New heading</i>
7.16.1	Obligation to establish, maintain and publish procedures	7.1.3	Obligation to establish, maintain and publish procedures
7.16.2	Market Settlement and Transfer Solution Procedures	7.2.8	Market Settlement and Transfer Solution Procedures
7.16.3	Requirements of the metrology procedure	7.14.1	Requirements of the metrology procedure
7.16.4	Jurisdictional metrology material in metrology procedure	7.14.2	Jurisdictional metrology material in metrology procedure
7.16.5	Additional metrology procedure matters	7.14.3	Additional metrology procedure matters
7.16.6	Requirements of the service level procedures	7.14.1A	Requirements of the service level procedures
7.16.7	Amendment of procedures in the Metering Chapter	7.1.4	Amendment of procedures in the Metering Chapter
7.16.8	National Measurement Act	7.15	National Measurement Act
Part H	B2B Requirements		
7.17	B2B Arrangements	7.2A	B2B Arrangements
7.17.1	B2B e-Hub	7.2A.1	B2B e-Hub
7.17.2	Information Exchange Committee	7.2A.2	Information Exchange Committee
7.17.3	Method of making and changing B2B Procedures	7.2A.3	Method of making and changing B2B Procedures
7.17.4	Content of the B2B Procedures	7.2A.4	Content of the B2B Procedures

Summary Table 1 - Key amendments to Chapter 7 of the NER comparing draft Chapter 7 to current Chapter 7

New Clause		Old Clause	
7.17.5	Cost Recovery	7.2A.6	Cost Recovery
Schedule 7.1	Metering register	Schedule 7.5	Metering register
Schedule 7.2	Metering Provider	Schedule 7.4	Metering Provider
Schedule 7.3	Metering Data Provider	Schedule 7.6	Metering Data Provider
Schedule 7.4	Types and Accuracy of Metering Installations	Schedule 7.2	Types and Accuracy of Metering Installations
Schedule 7.5	Requirements of minimum services specification	N/A	<i>New clause</i>
Schedule 7.6	Inspection and Testing Requirements	Schedule 7.3	Inspection and Testing Requirements
N/A	<i>Clause deleted</i>	Schedule 7.1	Responsibility for metering installation and metering data



Summary Table 2 – Comparing structure of current Chapter 7 of the NER with Chapter 7 under Draft Rule

Old Clause		New Clause	
7	Metering	7	Metering
7.1	Introduction to the Metering Chapter	7.1	Introduction to the Metering Chapter
7.1.1	Contents	7.1.1	Contents
7.1.2	Obligations of Market Participants to establish metering installations	7.2.1	Obligations of financially responsible Market Participants to establish metering installations
7.1.3	Obligation to establish, maintain and publish procedures	7.16.1	Obligation to establish, maintain and publish procedures
7.1.4	Amendment of procedures in the Metering Chapter	7.16.7	Amendment of procedures in the Metering Chapter
7.2	Responsibility for Metering Installation, Metering Data and Market Settlement and Transfer Solution Procedures	N/A	<i>Heading deleted</i>
7.2.1	Responsibility of the responsible person	7.3.1	Responsibility of the Metering Coordinator
7.2.1A	Responsibility of AEMO for the collection, processing and delivery of metering data	7.5.1	Responsibility of AEMO for the collection, processing and delivery of metering data
7.2.1B	Responsibility for interconnectors	7.2.1(c)	Obligations of financially responsible Market Participants to establish metering installations
7.2.2	Responsibility of the Market Participant	N/A	<i>Clause deleted</i>
7.2.3	Responsibility of the Local Network Service Provider	N/A	<i>Clause deleted</i>
7.2.4	Joint metering installations	7.8.13	Joint metering installations
7.2.4A	Special site or technology related conditions	7.8.12	Special site or technology related conditions
7.2.5	Role of the responsible person	7.3.2	Role of the Metering Coordinator
7.2.6	[Deleted]	N/A	<i>Clause deleted</i>
7.2.7	Registration of metering installations	7.9.6	Metering installation registration process
7.2.8	Market Settlement and Transfer Solution Procedures	7.16.2	Market Settlement and Transfer Solution Procedures

Summary Table 2 – Comparison of structure of current Chapter 7 of the NER with Chapter 7 under Draft Rule

Old Clause		New Clause	
7.2A	B2B Arrangements	7.17	B2B Arrangements
7.2A.1	B2B e-Hub	7.17.1	B2B e Hub
7.2A.2	Information Exchange Committee	7.17.2	Information Exchange Committee
7.2A.3	Method of making and changing B2B Procedures	7.17.3	Method of making and changing B2B Procedures
7.2A.4	Content of the B2B Procedures	7.17.4	Content of the B2B Procedures
7.2A.5	[Deleted]	N/A	<i>Clause deleted</i>
7.2A.6	Cost Recovery	7.17.5	Cost Recovery
7.3	Metering Installation Arrangements	7.8	Metering Installation Arrangements
7.3.1A	Metering installation requirements	7.8.1	Metering installation requirements
7.3.1	Metering installation components	7.8.2	Metering installation components
7.3.2	Connection and metering point	7.8.7	Metering Point
7.3.3	[Deleted]	N/A	<i>Clause deleted</i>
7.3.4	Metering installation types, accuracy and meter churn	7.8.8	Metering installation types and accuracy
		7.8.9	Meter churn
7.3.5	[Deleted]	N/A	<i>Clause deleted</i>
7.3.6	[Deleted]	N/A	<i>Clause deleted</i>
7.3.7	Meter installation malfunctions	7.8.10	Meter installation malfunctions
7.3A	Payment for Metering Provision and Metering Data Services	7.5.2	AEMO's costs in connection with metering installation
		7.9.1(l)	Responsibility for testing
		7.9.3(f)	Audits of information held in metering installations
			<i>[Note: Clause 7.3A(c) is retained in draft clause 7.5.2, clause 7.3A(e) is retained in draft clause 7.9.1(l) and draft clause 7.9.3(f). The remainder of clause 7.3A has been deleted.]</i>
7.4	Metering Providers and Metering Data Providers	7.4	Metering Providers and Metering Data Providers

Summary Table 2 – Comparison of structure of current Chapter 7 of the NER with Chapter 7 under Draft Rule

Old Clause		New Clause	
7.4.1	Role of Metering Providers	N/A	<i>Clause deleted</i> [Note: Clause 7.4.1(a) is retained in draft clause 7.8.1(c)]
7.4.1A	Role of Metering Data Providers	N/A	<i>Clause deleted</i>
7.4.2	Qualifications and registration of Metering Providers	7.4.1	Qualifications and registration of Metering Providers
7.4.2A	Qualifications and registration of Metering Data Providers	7.4.2	Qualifications and registration of Metering Data Providers
7.4.3	Deregistration of Metering Providers and Metering Data Providers	7.4.3	Deregistration of Metering Providers and Metering Data Providers
7.5	Register of Metering Information	7.12	Register of Metering Information
7.5.1	Metering register	7.12.1	Metering register
7.5.2	Metering register discrepancy	7.12.2	Metering register discrepancy
7.5A	Disclosure of NMI information	7.13	Disclosure of NMI information
7.5A.1	Application of this Rule	7.13.1	Application of this Rule
7.5A.2	NMI and NMI checksum	7.13.2	NMI and NMI checksum
7.5A.3	NMI Standing Data	7.13.3	NMI Standing Data
7.6	Inspection, Testing and Audit of Metering Installations	7.9	Inspection, Testing and Audit of Metering Installations
7.6.1	Responsibility for testing	7.9.1	Responsibility for testing
7.6.2	Actions in event of non-compliance	7.9.2	Actions in event of non-compliance
7.6.3	Audits of information held in metering installations	7.9.3	Audits of information held in metering installations
7.6.4	Retention of test records and documents	7.9.5	Retention of test records and documents
7.7	Entitlement to metering data and access to metering installation	7.15.5	Access to data
7.8	Security of Metering Installations and Data	7.15	Security of metering installation and energy data
7.8.1	Security of metering installations	7.15.2	Security of metering installations
7.8.2	Security controls	7.15.3	Security controls

Summary Table 2 – Comparison of structure of current Chapter 7 of the NER with Chapter 7 under Draft Rule

Old Clause		New Clause	
7.8.3	Changes to metering equipment, parameters and settings within a metering installation	7.8.11	Changes to metering equipment, parameters and settings within a metering installation
7.8.4	Changes to energy data or to metering data	7.11.3	Changes to energy data or to metering data
7.9	Processing of Metering Data for Settlements Purposes	7.11	Metering data and database
7.9.1	Metering databases	7.11.1	Metering databases
7.9.2	[Deleted]	N/A	<i>Clause deleted</i>
7.9.3	[Deleted]	N/A	<i>Clause deleted</i>
7.9.4	Data validation, substitution and estimation	7.11.2	Data validation, substitution and estimation
7.9.5	Errors found in metering tests, inspections or audits	7.9.4	Errors found in metering tests, inspections or audits
7.10	Confidentiality	7.15.1	Confidentiality
7.11	Metering Data Arrangements	7.10	Metering Data services
7.11.1	Metering data performance standards	7.10.6	Metering data performance standards
7.11.2	Metering Data Services	7.10.1	Metering Data Services
7.11.3	Data management and storage	7.10.2	Data management and storage
7.11.4	Use of check metering data	7.10.3	Use of check metering data
7.11.5	Periodic energy metering	7.10.4	Periodic energy metering
7.12	Time settings	7.10.5	Time settings
7.13	Evolving Technologies and Processes and Development of the Market	N/A	<i>Clause deleted</i>
7.14	Metrology and service level procedures	7.16	Procedures
7.14.1	Requirements of the metrology procedure	7.16.3	Requirements of the metrology procedure
7.14.1A	Requirements of the service level procedures	7.16.6	Requirements of the service level procedures
7.14.2	Jurisdictional metrology material in metrology procedure	7.16.4	Jurisdictional metrology material in metrology procedure
7.14.3	Additional metrology procedure matters	7.16.5	Additional metrology procedure matters

Summary Table 2 – Comparison of structure of current Chapter 7 of the NER with Chapter 7 under Draft Rule

Old Clause		New Clause	
7.14.4	[Deleted]	N/A	<i>Clause deleted</i>
7.15	Miscellaneous	7.16.8	National Measurement Act
7.16	Metering data provision to retail customers	7.14	Metering data provision to retail customers
Schedule 7.1	Responsibility for metering installation and metering data	N/A	<i>Clause deleted</i>
Schedule 7.2	Types and Accuracy of Metering Installations	Schedule 7.4	Types and Accuracy of Metering Installations
Schedule 7.3	Inspection and Testing Requirements	Schedule 7.6	Inspection and Testing Requirements
Schedule 7.4	Metering Provider	Schedule 7.2	Metering Provider
Schedule 7.5	Metering register	Schedule 7.1	Metering register
Schedule 7.6	Metering Data Provider	Schedule 7.3	Metering Data Provider