

AUDIT GUIDELINE

METERING COORDINATOR AUDITING

PREPARED BY: AEMO Metering
VERSION: 1.0
EFFECTIVE DATE: 10 August 2018
STATUS: FINAL

VERSION RELEASE HISTORY

Version	Effective Date	Summary of Changes
1.0	August 2018	Metering Coordinator Audit Process – Initial Version

CONTENTS

1.	INTRODUCTION	5
1.1	Purpose and Scope	5
1.2	Definitions and Interpretation	5
1.3	Related AEMO Documents	5
2.	AUDIT PROCESS	6
2.1	General	6
2.2	Audit Procedure	6
2.3	Audit and Summary Report	7
2.4	Non-Compliance Definitions	8
3.	AEMO SUBMISSIONS	9
3.1	Final Report	9
3.2	Request for further information	9
	APPENDIX A.MC AUDIT REPORT	10
A.1	MC Audit - Contact Details	10
A.2	MC Audit - Opening Meeting (Register of Attendance)	11
A.3	MC Audit - Review of previous Non-Compliances	12
A.4	MC Audit - Additional Comments: Previous Non-Compliances	13
A.5	MC Audit - Notifications, Breaches, Self-Reporting, Requests	14
A.6	MC Audit - Review MC Processes and Procedures	15
A.7	MC Audit - Exit Meeting (Register of Attendance / Final Comments)	37
	APPENDIX B.MC AUDIT - SUMMARY REPORT	39

Purpose

AEMO has prepared this document to provide information to Metering Coordinators (MCs) about complying with the condition of registration relating to the requirement for an annual independent audit review of their compliance with the National Electricity Rules (**NER**) and procedures under the NER, as at the date of publication.

Disclaimer

This document or the information in it may be subsequently updated or amended. This document does not constitute legal or business advice, and should not be relied on as a substitute for obtaining detailed advice about the National Electricity Law, the National Electricity Rules, or any other applicable laws, procedures or policies. AEMO has made every reasonable effort to ensure the quality of the information in this document but cannot guarantee its accuracy or completeness.

Accordingly, to the maximum extent permitted by law, AEMO and its officers, employees and consultants involved in the preparation of this document:

- make no representation or warranty, express or implied, as to the currency, accuracy, reliability or completeness of the information in this document; and
- are not liable (whether by reason of negligence or otherwise) for any statements or representations in this document, or any omissions from it, or for any use or reliance on the information in it.

Copyright

© 2018 Australian Energy Market Operator Limited. The material in this publication may be used in accordance with the [copyright permissions](#) on AEMO's website.

1. INTRODUCTION

1.1 Purpose and Scope

This Audit Guideline – Metering Coordinator Auditing (**Guideline**) is written to provide assistance to Metering Coordinators (MCs) in complying with the condition of registration relating to the requirement for an annual independent audit review of their compliance with the National Electricity Rules (**NER**) and procedures under the NER.

1.2 Definitions and Interpretation

The Retail Electricity Market Procedures – Glossary and Framework:

- (a) is incorporated into and forms part of this Guideline; and
- (b) should be read with this Guideline.

1.3 Related AEMO Documents

Title	Location
Retail Electricity Market Glossary and Framework	http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and-metering
Guide to the Role of the Metering Coordinator (MC)	http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and-metering/Accreditation-and-Registration

2. AUDIT PROCESS

2.1 General

The aim of auditing the MC is twofold. First, to ensure that the MC conforms to the NER and the relevant Procedure requirements. Second, to review the management of *metering installations* by the MC to ensure that high accuracy metering data is obtained for market settlement processes.

2.2 Audit Procedure

The audits must be carried out by an independent auditor within one month of each anniversary of the effective date of the MC’s registration. The audit procedure flowchart is illustrated in Figure 1 below and outlined in more detail in the following sections.

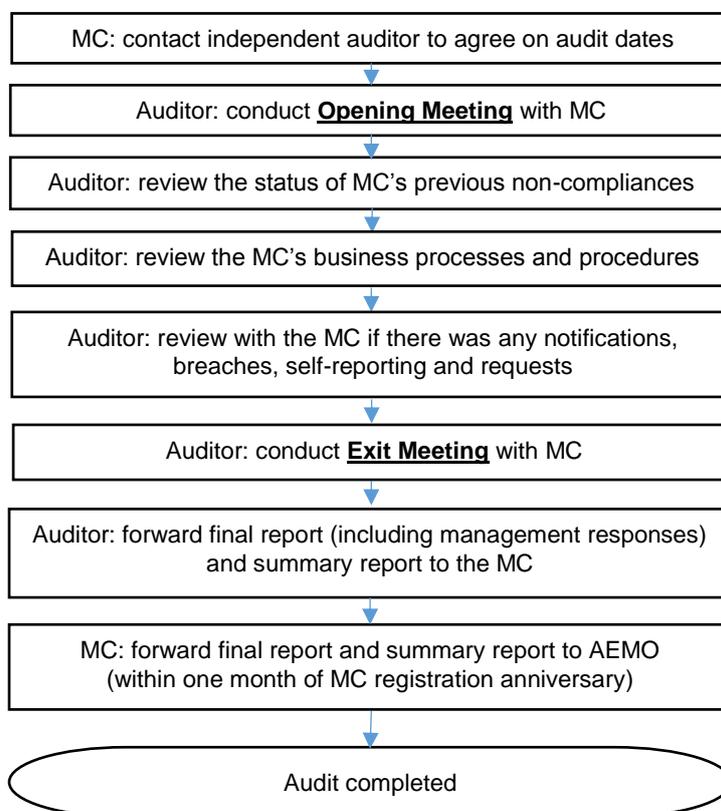


Figure 1: Audit Process

2.2.1 MC Audit Process

MC audit reports provided to AEMO must as a minimum provide evidence of the following:

1. Evidence of the independence of the auditor and suitability of the auditor to assess compliance.
2. At the commencement of the audit, hold an audit opening meeting taking note of the MC's Representatives attending the meeting. **[complete Appendix: A1 and A2]**
3. Review the items of non-compliance found during any previous MC audits and obtain objective evidence to ensure that the outstanding items of non-compliance have been rectified or a corrective action plan has been developed and approved by AEMO or the AER as necessary depending on the nature of the non-compliance. The list of previous non-compliance items must be provided to the independent auditor by the MC. **[complete Appendix: A3 and A4]**
4. Review any notifications, breaches, self-reporting and requests from or to regulatory bodies including AEMO, the AER and jurisdictional regulators. **[complete Appendix: A5]**
5. Perform review of the MC's business processes and procedures. **[complete Appendix: A6]**
6. At the completion of the audit, hold an audit exit meeting with the relevant MC Representatives to discuss the items of non-compliance found during the audit. **[complete Appendix: A7]**
7. MC provides management response to audit findings including any corrective action plan(s) for any non-compliance.
8. A summary report must include a written summary of the auditor's overall conclusion on how the audit went and a list of any findings. **[complete Appendix: B]**

2.3 Audit and Summary Report

The report template consists of the following parts:

Appendix A: Audit Report

- A.1 MC Audit - Contact Details;
- A.2 MC Audit - Open Meeting (Register of Attendance);
- A.3 MC Audit - Review of previous Non-Compliances;
- A.4 MC Audit - Additional Comments: Previous Non-Compliances;
- A.5 MC Audit - Notifications, Breaches, Self-Reporting, Requests;
- A.6 MC Audit - Review MC Processes and Procedures; and
- A.7 MC Audit - Exit Meeting (Register of Attendance / Final Comments).

Appendix B: MC Audit - Summary Report

2.4 Non-Compliance Definitions

For consistency the independent auditor must classify all identified non-compliances as critical, major or procedural. A definition of each non-compliance is illustrated in Table 1 below:

Table 1: Non-compliance definitions

Non-compliance	Definition
Critical (C)	<p>Examples of a Critical non-compliance would include:</p> <ul style="list-style-type: none"> • Failure to provide <i>metering data</i> in the format and/or the accuracy required by the NER or the Metrology Procedure; • A breach of the NER or the Metrology Procedure (i.e., failure to obtain an exemption within specified time prescribed under clause 7.8.10(a) of the NER for a non-compliant <i>metering installation</i> where a malfunction or interruption has occurred to <i>metering installation</i>); • Failure to install and appropriate <i>check metering installation</i> for type 1 and 2 metering installations; and • Commenced Meter Churn when not the current MC in MSATS. • No <i>metering installation</i> at <i>connection point</i> as prescribed under clause 7.8.1(a).
Major (M)	<p>Examples of a Major non-compliance would include:</p> <ul style="list-style-type: none"> • Demonstrated deficiencies in a process or procedure, which threatens the ongoing accurate performance of a <i>metering installation</i>, such as failure to test or inspect equipment within designated timeframes in the NER or an alternate method specified in the AEMO approved MAMS; • No action taken to rectify the non-compliance(s) found during the previous audit which may result in the provision of inappropriate <i>metering data</i> for <i>settlements</i>; and • No MAMS (if there is an indication that the MC is not testing in accordance to the NER).
Procedural (P)	<p>Examples of a Procedural non-compliance would include:</p> <ul style="list-style-type: none"> • Weakness identified in a Procedure or Process that does not impact on the <i>metering installation</i>; • An area for improvement in a procedure or process; • MC failing to follow its own procedures or processes; and • Poor sealing of <i>metering installation</i>.

Where non-compliances are identified and reported by the independent auditor, the MC must develop a corrective action plan containing date(s) by which the non-compliances will be corrected. These dates are to be specified in the MC management response. If AEMO considers the dates to be unacceptable, AEMO will liaise with the MC and discuss alternative corrective dates.

3. AEMO SUBMISSIONS

3.1 Final Report

The MC must provide the following documents to *AEMO*:

- Final audit reports including management responses; and
- Audit summary report.

Please email documents to: meter@aemo.com.au

3.2 Request for further information

AEMO at times if required, may seek the MC's consent to contact the independent auditor directly to provide further information in relation to non-compliances identified in the audit report.

APPENDIX A. MC AUDIT REPORT

A.1 MC Audit - Contact Details

MC Details		
Organisation Name		
MC Participant ID		
MC Primary Representative		
	Address	
	Email	
	Phone Number	

Auditor Details		
Organisation Name		
Organisation ABN		
Auditor Name		
	Address	
	Email	
	Phone Number	
Audit Date		
Auditor's Signature		

A.2 MC Audit - Opening Meeting (Register of Attendance)

Date				
Name	Position	Email	Phone	Signature

A.4 MC Audit - Additional Comments: Previous Non-Compliances

Empty box for additional comments or previous non-compliances.

A.5 MC Audit - Notifications, Breaches, Self-Reporting, Requests

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
2. Can the MC provide evidence that its MP is testing <i>metering installations</i> in accordance with the NER or within the MC's approved metering asset management strategy (MAMS)?	Review MC processes for testing: <ul style="list-style-type: none"> Does the MC have an AEMO approved MAMS? Has the MC reviewed and ensured that the MP's test plan(s) is consistent with its MAMS? How does the MC continuously ensure that its MAMS aligns with the MP's test plan(s) for its metering assets? 	Schedule S7.6.1						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
<p>3. How does the MC ensure that the components, and the accuracy and testing of each of its <i>metering installations</i> complies with the NER requirements?</p>	<ul style="list-style-type: none"> Review MC processes to ensure the timely testing of CTs and VTs and meters in accordance with the NER or an approved MAMS Does the MC have an audit process to ensure that its appointed MPs are fulfilling their responsibilities in accordance with the NER and procedures authorised under the NER? Can the MC demonstrate that they have access to test and inspection results? Where an inspection or test has identified a non-compliance or other finding needing correction, can the MC demonstrate that corrective and preventative actions have been implemented? 	<p>Table S7.6.1.2</p> <p>Clause 7.3.2(e)(2)</p>						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
4. Can the MC provide evidence that MP test records are retained for 7 years or 10 years where appropriate as per the NER requirements?	<ul style="list-style-type: none"> Review MC processes to ensure records are retained Review how the records are retained Review by whom the records are retained (e.g. MC or MP on behalf of MC in the MP's <i>metering register</i>) Review meter transformer records to ensure relevant information is retained Review instrument transformer records to ensure relevant information is retained Review type test and pattern approval records are obtained in accordance with S7.4.6.1(f) 	Clause 7.9.5 S7.6.1(b)						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
5. Review any contractual agreement between the MC and its MPs regarding the <i>metering register</i>	<ul style="list-style-type: none"> Review if the agreement has provision for the MPs concerned to retain the <i>metering register</i> on the MC's behalf? Review if the agreement has provision for the MPs concerned to retain the test records and documents relating to each <i>metering installation</i> for the required period Review if the agreement allows for easy access to test records by MC on request Review if the agreement covers situations in accessing test records in the event the agreement between MC and MP is terminated or an MP ceases to exist 	<p>Schedule S7.1.1, S7.1.2</p> <p>Clause 7.9.5</p>						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
6. Can the MC provide evidence that each new <i>metering point</i> is located as close as practical to the <i>connection point</i> ?	<ul style="list-style-type: none"> Review the contractual agreement between MC with the MPs for how this obligation is met 	Clause 7.8.7						
7. Does the MC have a procedure with its MPs for making changes to parameters and settings within a <i>metering installation</i> ?	<ul style="list-style-type: none"> Review contractual agreements with the MPs and MDPs (where applicable) to confirm alterations to <i>metering installation</i> and report on how the MC confirms changes Does the MC have processes to notify/obtain approval from AEMO where there is a change in the classification of <i>metering installation</i> type (e.g. from Type 2 to Type1)? 	Clause 7.8.11						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
8. Can the MC provide evidence that the required overall error calculations are performed for its Type 1 and 2 and HV Type 3 and 4 <i>metering installations</i> ?	<ul style="list-style-type: none"> Review the process for overall error calculations employed by the MC 	Schedule S7.4.3 Table S7.4.3.2 Table S7.4.3.3 Table S7.4.3.4						
9. Can the MC provide evidence that all relevant information is provided to a new MP as part of <i>meter churn</i> ?	<ul style="list-style-type: none"> What process does the MC use when initiating a new <i>metering installation</i> connection? Review what information does the MC provide to the new MP in the case of <i>meter churn</i>? 	Clause 7.3.1(a) Metrology Procedure Part A,10.3						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
Meter Data Provider (MDP) Services								
10. Can the MC provide evidence that its MDPs have been appointed for the collection, processing and delivery of the metering data from the <i>metering installations</i> for which it is responsible?	Review the contractual agreement between MC and MDPs to determine: <ul style="list-style-type: none"> Who they are That the responsibilities of collection, processing and delivery of the metering data under the NER are fulfilled That the agreement includes all the obligations of an MDP The MDPs access to the meter (e.g. via a read only password for the purposes of collecting <i>interval metering data</i>) 	Clause 7.3.2(d) 7.3.2(h)						
11. Can the MC provide evidence that access to each <i>metering installation</i> is scheduled appropriately to ensure congestion does not occur?	<ul style="list-style-type: none"> Review MC's process and procedures on scheduling access Review any contractual agreement with MDPs to perform this on behalf of the MC 	Clause 7.15.5(b)						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
12. How does the MC ensure that the metering installation clock is reset?	<ul style="list-style-type: none"> Is the clock reset by the MDP when the meter is read, or by other means? 	Clause 7.15.3(i)						
13. Can the MC provide evidence that collection of interval energy data is collected in accordance with the NER and procedures?	<ul style="list-style-type: none"> Review MC processes and procedures to check that the MC ensures: <ul style="list-style-type: none"> Interval energy data is collected from all Type 4A metering installations Interval energy data is collected from all Type 5 installations when the Type 5 accumulation boundary is exceeded 	Clause 7.3.2(h)(2)-(4)						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
14. Can the MC provide evidence that <i>interval energy data</i> is collected when there is a remote communications failure?	<ul style="list-style-type: none"> Review steps that the MC takes to ensure the provision of relevant <i>metering data</i> to MDP if <i>remote acquisition</i>, if any, becomes unavailable 	Clause 7.3.2(h)(5)						
15. <i>Meter de-commissioning</i>	<ul style="list-style-type: none"> How does the MC ensure that a final read is collected by an appropriately accredited MDP when a <i>meter</i> is removed from a metering installation? If an MP field agent removes and disposes of a metering device, providing a reading to an MDP which is subsequently provided to the market, does the MC ensure that the field agent is performing the data collection under the auspice of the accredited MDPs processes and procedures? 	Metrology Procedure Part A,11.1						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
Check Metering (where applicable)								
16. How does the MC ensure that (where fitted) <i>check metering installations</i> have a <i>mathematical correlation</i> with the <i>metering installation</i> ?		Clause 7.8.8(b) Schedule S7.4						
17. Can the MC provide evidence that <i>check metering installations</i> are implemented to at least the minimum requirements of the NER? • <i>Check Metering Installation</i> (type 1) • <i>Partial Check Metering</i> (type 2)	<ul style="list-style-type: none"> Review if the MC seeks AEMO's agreement as to the form of any proposed <i>check metering installations</i>? Are the accuracy requirements for <i>check metering installations</i> generally the same as for <i>metering installations</i>? 	Schedule S7.4.4(e) Schedule S7.4.4(f)						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
Small Customer Metering Installations								
18. Can the MC provide evidence that new or replacement metering installations of a <i>small customer</i> meets the minimum services specification?	<ul style="list-style-type: none"> Review to see if the MC ensures correct meters are installed at <i>small customer</i> type 4 connection point Can the MC provide evidence that testing has been performed to ensure the minimum services specification is complied with? 	Clause 7.8.3						
19. Can the MC provide evidence that <i>small customer metering data</i> is verified?	<ul style="list-style-type: none"> Review to see if the MC have an established statistical process to verify that the <i>metering data</i> held in the <i>metering data services database</i> is consistent with that held in <i>small customer metering installation</i>? 	Metrology Procedure Part A,12.5						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
<p>20. Can the MC provide evidence that for type 4A <i>metering installations</i> that are not covered by an <i>AEMO</i> exemption, the <i>customer</i> has communicated their refusal for the installation of remote communications at their <i>metering installation</i>?</p>	<ul style="list-style-type: none"> • Review MCs process and procedure and check: <ul style="list-style-type: none"> ○ how does the FRMP and/or the MP communicate to the MC that such a refusal has occurred? ○ what information is provided to the MC when this occurs? ○ how is this information stored / managed by the MC? ○ for how long does the MC retain this information? • MC to provide total number of customer refusals, this will be provided to <i>AEMO</i> via the Audit report. 	<p>Clause 7.8.4(d), (e), (f) & (g)</p>						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
Meter Churn								
21. Can the MC provide evidence that for <i>connection points</i> where they are the nominated MC a metering installation is installed that is compliant with the NER?	<ul style="list-style-type: none"> Review MCs process and procedures to ensure a metering installation is installed and NEM complaint at all times Review to see if MC has had scenarios where a connection point is left with no metering installation in place Review to see if there is any evidence of MC policies that breach this requirement 	Clause 7.8.1 and 7.8.2						
22. Can the MC provide evidence that AEMO is provided with the relevant details of the <i>metering installation</i> as specified in Schedule 7.1 within 10 business days?	<ul style="list-style-type: none"> Review MCs process and procedures for Meter Churn Review to see if any took longer than 10 business days 	Clause 7.8.2(e)						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
23. Can the MC provide evidence that the use of Objection Code in MSATS have been used appropriately?	<ul style="list-style-type: none"> Review MCs objections to ensure they align with requirements of the MSATS procedures 							
24. Is there any evidence that the MC commenced Meter Churn prior to being the MC in MSATS?	<ul style="list-style-type: none"> Review meter install date against MC start date in MSATS All policy and process, critically including the appropriate use of MSATS CRs, must provide for the establishment of the MC for the market load in MSATS prior to undertaking any Meter Churn 							

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
Exemption Management								
<p>25. Can the MC provide evidence of where they apply for an exemption from <i>AEMO</i> where a malfunction of the <i>metering installation</i> cannot be rectified within:</p> <ul style="list-style-type: none"> • 2 days (type 1, 2 & 3) • 10 days (type 4) 	<ul style="list-style-type: none"> • Review the MC's process for exemptions relating to metering installation malfunctions • Review NMI history of exemptions requested and check: <ul style="list-style-type: none"> ○ has MC applied for the exemption within a reasonable timeframe compared to rectification periods set in the NER? ○ have affected participants been notified? ○ has the <i>metering installation</i> been rectified within the approved exemption timeframe? ○ has a rectification plan been provided to <i>AEMO</i>? ○ has <i>AEMO</i> revoked any exemptions? 	Clause 7.8.10						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
<p>26. Can the MC provide evidence that for approved exemptions a rectification plan has been submitted by its MP to <i>AEMO</i>?</p> <p>Note: if one was not submitted by the MC as part of the original application</p>	<ul style="list-style-type: none"> Review the MC's process and/or contractual agreement in place with MPs to ensure a rectification plan is provided to <i>AEMO</i> 	Clause 7.8.10(c)						
<p>27. Can the MC provide evidence that for <i>small customer metering installations</i> where there was no existing public telecommunications network, the MC has sought an exemption and received an approval from <i>AEMO</i>?</p>	<ul style="list-style-type: none"> Review the MC's process for managing type 4A exemptions Review NMI history of exemptions requested and check: <ul style="list-style-type: none"> has <i>AEMO</i> approved all? the meter installed is capable of remote communication? has the MC installed communications for rejected applications? 	Clause 7.8.4(a) and 7.8.4(b)						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
Security of and Access to Metering Installations and Metering Data								
28. Can the MC provide evidence that steps are taken to ensure its <i>metering installations</i> are secured against tampering?	<ul style="list-style-type: none"> Which items in a <i>metering installation</i> require to be secured? What actions should be taken by the MP in the event that a broken seal is found? How does the MC ensure that this is done? What other security measures if any, are implemented by the MC: <ul style="list-style-type: none"> a) In the case of wholesale customers in substation environments? b) For retail <i>metering installations</i>? 	Clause 7.3.2(e)(3) and 7.15						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
<p>29. Can the MC provide evidence that <i>AEMO</i> has unrestrained access to <i>metering installations</i> for the purpose of random audits?</p>	<p><i>AEMO</i> Audits:</p> <ul style="list-style-type: none"> Does the MC notify customers whose <i>metering installations</i> have been selected for audit by <i>AEMO</i> (assuming <i>AEMO</i> has provided the required notification)? Does the MC assist in ensuring access is provided to audit staff for such audits? How does the MC provide access to <i>metering installations</i> in substations for its MPs? 	Clause 7.9.3(e1)						
<p>30. Can the MC provide evidence that the <i>energy data</i> protected from local or remote access by a suitable password and security controls?</p>	<ul style="list-style-type: none"> Does the MP provide read only and write passwords for access to the <i>meter</i>? Has the MP forwarded copies of read and write passwords to <i>AEMO</i> for security purposes? Has the MC/MP provided read only passwords to any retail customers if requested? 	Clause 7.15.3						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
31. Access to <i>energy data</i> recorded by a <i>metering installation</i>	<ul style="list-style-type: none"> Which person(s) can the MC permit access to customer <i>metering data</i>? Under what circumstances can the customer or their representatives have access to <i>metering data</i>? 	Clause 7.15.5						
32. Access to <i>small customer metering installations</i> (whole current)	<ul style="list-style-type: none"> Which parties may only authorise remote reconnection or disconnection of a <i>small customer</i> from the electricity supply? Under what conditions can the MC arrange a planned interruption to a customer's supply? 	Clause 7.3.2(i)						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
Local Network Service Provider (LNSP) Services								
33. Can the MC provide evidence that the LNSP has local access to the <i>metering installation</i> or <i>connection point</i> for the purposes of <i>reconnecting</i> or <i>disconnecting</i> of the <i>connection point</i> ?	<ul style="list-style-type: none"> Review processes and procedures to confirm how does the MC ensure the LNSP has local access 	Clause 7.3.2(g)						
34. How does the MC provide assistance to the LNSP to accommodate the installation of a <i>network device</i> within the <i>metering installation</i> ?	<ul style="list-style-type: none"> Review if LNSP has requested to install network devices and if so how the MC dealt with this 	Clause 7.8.6(d) Metrology Procedure Part A,11.2						

Audit Item			Audit Outcome					
Question	Review Checklist Activity	NER / Procedure Ref.	Compliant	Non-Compliant			Auditor's Comment	Management Response
			Y, N or N/A	C	M	P		
Other Observations								
35. Was there any other observations that the auditor wishes to report on?								

Auditor's - Final Comments

MC's Management - Final Comments

APPENDIX B. MC AUDIT - SUMMARY REPORT

Independent Auditor’s summary of audit

Table B.1: Non-Compliance Summary

Reference Number	Items of Non-Compliance	Non-Compliant C / M / P	Resolved Y / N