

METERING INSTALLATION EXEMPTIONS GUIDELINE

Creation and Management of Metering

Installation Exemptions

| Prepared by: | AEMO Markets |
|-----------------|------------------------------|
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| Title: | Chief Strategy and Markets Officer |
|--------|------------------------------------|
| Date: | <u>26/09/2023</u> / 22 |

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New South Wales | Queensland | South Australia | Victoria | Australian Capital Territory | Tasmania | Western Australia Australian Energy Market Operator Ltd ABN 94 072 010 327



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Current version release details

| Version | Effective date | Summary of changes |
|---------|--------------------------------|---|
| 1.0 | 4 March 20241 November 2023 | Creation of Guideline to support the integration of Exemptions into MSATS |

Note: There is a full version history at the end of this document.



1. Introduction

1.1. Purpose and scope

This Guideline supplements the Metering NEM Exemption Procedures. The NER and the National Electricity Law prevail over this Guideline to the extent of any inconsistency.

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 documents

| Title | Location |
|---|--|
| Retail Electricity Market Procedures – Glossary and Framework | https://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and- metering |
| Metrology Procedure: Part A | http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retailand- metering |
| Exemption Procedure Metering Installation Malfunctions | https://aemo.com.au//media/files/electricity/nem/retail_and_metering/market_settlem ent_and_transfer_solutions/2022/exemption-procedure-meter-installation- malfunctions-v12.pdf?la=en |
| Metering Exemption (Small Customer Metering Installation) | https://aemo.com.au/-/media/files/electricity/nem/retail_and_metering/metering- procedures/exemption-guidelinesmall-customer-metering-installation.pdf?la=en |



2. **DISCLAIMER**

The intention of this guideline is to assist <u>MCsmetering co-ordinators</u> with the creation and management of metering exemptions.

- reflects the identification of exemption status.
- reflects the validation of NMIs within an exemption and their status
- reflect the ability to manage an exemption through the exemption life cycle.



3. Application Process

The only person who can apply for an exemption from the requirement in clause 7.8. $\underline{103}(a)$ or 7.8. $\underline{104}(a)$ of the NER is the Current MC.

3.1. Generally

<u>The AEMOs interpretation of the Rules is a MCMetering Co-ordinator</u> is responsible for the registration and management and resolution of metering exemptions prior to the <u>agreed</u> exemption <u>expiryend</u> date.

3.2. Responsibility

The <u>MCMetering Co-ordinator</u> must request an exemption within the Rule nominated period once they are aware that the issue cannot be resolved within the Rule requirement period.

The <u>MCMetering Co-ordinator</u> must ensure every endeavour to resolve the issue prior to requesting the metering exemption and must provide satisfactory evidence that this action has taken place.

AEMO has the responsibility of reviewing the evidence is satisfactory for an exemption to be granted and to either approve the exemption, reject the exemption, or request more information to support the exemption granting decision.

3.3. Supporting Information to support Application

The Current MC may apply for an exemption by creating an application within MSATS, once raised <u>and when required</u>, the Current MC <u>must</u> provide <u>via email</u> supporting information identifying the allocated Exemption number <u>(see email templates in Appendix B-)</u>. All supporting documentation must be sent to <u>meter@aemo.com.au</u>



4. Creation and Management of an Application

The following section provides instructions for the creation and management of an application within MSATS.

4.1. Exemption life cycle

Each exemption will run through a life cycle, from creation to the completion which also includes each associated NMI.

Each exemption may contain between 1 to <u>10075</u>,000 NMIs that are of the same Exemption category, Exemption type and Nature of exemption. If any of these items change for any corresponding NMIs a second exemption may be created to record the different conditions.

A copy of the 'logic' life cycle is provided below:



Diagram 1 – Exemption 'logical' life cycle

The following sections will step thought the exemption process within MSATS and include information to support the creation, management, and completion of an exemption.



4.2. Navigation to exemptions

To support the integration of <u>Mmetering Installation E</u>exemptions into MSATS a new menu path for exemptions is available via the MSATS Browser and the Markets Portal.

| | AEMO Markets Por | | | |
|-----------------------|---------------------|----------|------------------|---|
| | 🗙 Menu 🏠 Favourites | | | |
| | Home | | | |
| | MSATS | - | | |
| | Ombudsman | + | | |
| | Participants | + | | |
| AEMO | Transactions | + | | |
| Markets Portal | NMI Information | • | | |
| Username Disername | Profile Preparation | • | Data Load Import | + |
| Password | Data Load Import | + | Meter Exemptions | - |
| Password | Meter Exemptions | • | Exemptions | |
| Login | Metering Data | <u>+</u> | Metering Data | + |

Diagram 2 – Exemptions menu path

The New menu path consists of a Meter Exemptions directory with a link to the Exemptions function.

Note: participants have the ability to create, manage and complete exemptions via APIs. For API details refer to section 4.12



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4.3. Exemption list

123456789012365

13/11/2022

Selection of the Exemptions link from the menu will direct the user to the Exemptions window.

This window is populated with existing exemptions for the registered participant ID. AEMO users have the ability to view all participant exemptions for monitoring and management purposes.

| | | | Participant: NEMMCO | | | | 2 |
|---------------------------|--------------------|-----------------|---------------------|------------------------------------|---------------|----------------|-------------------|
| | | | | | | | 🕼 🙁 Paul Lytt |
| Exemptions | | | | | | | New exemption |
| iearch Q. Exemption ID | Status From | To NMI | Participant ID Q | Search V Clear | | | |
| Exemption ID 11 | Date first aware 1 | Created date 11 | Age (days) TL | Exemption end 11 | Status 11 | NMI qt. 11 | Participant ID 11 |
| 10000000000725 | 26/07/2023 | 30/07/2023 | 0 | 02/08/2023 | REJECTED | 1 | NEMMCO |
| 10000000000724 | 11/08/2022 | 28/07/2023 | 3 | 27/09/2023 | ACTIVE | 2 | UMPLP |
| 10000000000723 | 01/07/2023 | 26/07/2023 | 5 | 29/02/2024 | FOR REVIEW | 2 | NEMMCD |
| 1000000000722 | 26/07/2023 | 26/07/2023 | 0 | 26/07/2023 | REJECTED | 1 | NEMMCO |
| 10000000000721 | 26/07/2023 | 26/07/2023 | 0 | 26/07/2023 | REJECTED | 1 | NEMMCO |
| 10000000000720 | 26/07/2023 | 26/07/2023 | 5 | 27/07/2023 | ACTIVE | 0 | NEMMCD |
| 10000000000719 | 26/07/2023 | 26/07/2023 | 5 | 26/07/2023 | ACTIVE | 0 | NEMMCO |
| 10000000000718 | 11/08/2022 | 25/07/2023 | 0 | 20/09/2023 | REJECTED | 2 | NEMMCO |
| 10000000000717 | 01/07/2023 | 25/07/2023 | 6 | 22/02/2024 | ACTIVE | 3 | NEMMCO |
| 10000000000716 | 11/08/2022 | 26/07/2023 | 5 | 22/09/2023 | MORE INFO | 11 | NEMMICO |
| | | | ec c 1 : | 2 3 4 5 > >> | | | |
| Exemptio | ns | | | | | | New exemption |
| earch | Status | From | To | NMI P | articipant ID | | |
| Q Exemption ID | Select a status | ✓ From E | То | NMI in exemption | Q Se | arch 🕅 🌾 Clear | |
| Exemption ID 1 | Date first aware 1 | Created date ↑↓ | Age (days) 1 | Exemption end $\uparrow\downarrow$ | Status 1 | NMI qt †↓ | Participant ID ↑↓ |
| 123456789012345 | 2 11/11/2022 | 02/11/2022 | 15 | 10/11/2022 | FOR REVIEW | 123 | ORIGINMC |
| 123456789012355 | 5 15/11/2022 | 02/11/2022 | 15 | 10/11/2022 | ACTIVE | 123 | ENRYYAUS |

| 123456789012375 | 14/11/2022 | 02/11/2022 | 15 | 10/11/2022 | RESOLVED | 123 | NENRYYAUS |
|-----------------|------------|------------|----|------------|-----------|-----|------------|
| 122155700012205 | 4444,2022 | 02/41/2022 | -c | 40/44/2022 | 00000 | 100 | EN MORALIC |
| 123456789012395 | 11/11/2022 | 02/11/2022 | 15 | 10/11/2022 | REJECTED | 33 | ORIGINMC |
| 123456789012335 | 11/11/2022 | 02/11/2022 | 15 | 10/11/2022 | CANCELLED | 33 | ORIGINMC |
| 123456789012325 | 11/11/2022 | 02/11/2022 | 15 | 10/11/2022 | ACTIVE | 33 | ORIGINMC |
| 123456789012315 | 11/11/2022 | 02/11/2022 | 15 | 10/11/2022 | ACTIVE | 33 | ENRYYAUS |
| 123456789012305 | 11/11/2022 | 02/11/2022 | 15 | 10/11/2022 | MORE DATA | 33 | ENRYYAUS |
| 123456789012346 | 11/11/2022 | 02/11/2022 | 15 | 10/11/2022 | MORE DATA | 33 | ENRYYAUS |
| 123456789012356 | 11/11/2022 | 02/11/2022 | 15 | 10/11/2022 | REJECTED | 33 | ENRYYAUS |
| | | | _ | | | | |

10/11/2022

<< < 1 2 3 > >>

Diagram 3 – Exemption list

The Exemptions window includes the following features:

02/11/2022

15

- <u>Search parameter: to rRefine the list of exemptions being to be</u> displayed by using the search parameters, including a calendar picker for each date field selection
 - Search (Exemption ID): will restrict the exemption id results to an exact match to the entered value.
 - Status: allows the user to select an exemption status and restricts the results to match the status selected
 - From: restricts the results where the exemption end date is greater than or equal to the entered value



- To: restricts the results where the exemption end date is less than or equal to the entered value
- NMI: restricts the results to display exemptions where the NMI value has been included
- Participant ID: restricts the results where the exemption has been raised by the entered participant id case sensitive (used by AEMO)
- Sort<u>arrows; to sort the returned values</u> the exemption list into ascending and descending orders via each column
- Page option: to enable the user to page through the list of exemptions
- Drill down<u>ability: will open the</u><u>-on the</u>exemption <u>by on</u><u>selecting</u><u>selection of</u> the Exemption ID.
- Create a new<u>New</u> exemption: enables the user to create a <u>by selecting the New</u>
 exemption <u>buttonfor the registered participant id</u>
- <u>Downlaod</u>Download as CSV: allows the user to rRetrieve a the results list of exemptions by selecting the Download as csv secondary level button

The Exemption list window (or related API) can be used to identify lists of exemptions with a specific status.

Example: to identify a list of new exemptions that have moved to the 'MoreInfo" status, the Status should be set to MoreInfo and the creation range can be added to the Start and From dates (e.g. list of NMIs create between 24/07/2023 and 31/07/2023), the response will return the exemptions that fit the criteria. This response can also be downloaded as a CSV.



4.4. Creating a new exemption

Selection of the New exemption button on the Exemptions window will direct the user to the Create Exemption exemption window.

The create exemption window allows the participant to enter the exemption details and associated NMIs.

| ←Create exemption | | | | |
|-------------------|--|------------------------|------------------|--|
| | Participant details | | | |
| | Contact name | Phone number | Email address | |
| | ESGER | 12345778 | email@abc.com.au | |
| | | | | |
| | Exemption details | | | |
| | Date first aware of the issue | Exemption category | | |
| | 8 | ~ | | |
| | Exemption end date | Exemption type | | |
| | ē | × | | |
| | Action taken | | | |
| | Action taken | | | |
| | | | | |
| | | li li | | |
| | Nature of exemption | | | |
| | ~ | | | |
| | | | | |
| | NMI details | | | |
| | Please attach a CSV file from your local | drive, or add manually | | |
| | | | | |
| | Comments | | | |
| | Action reason | | | |
| | | | | |
| | | | | |
| | | | | |
| | Cancel | | Create | |
| | Centrel | | Create | |

Diagram 4 – Create Exemption window

The Create exemptions window includes the following features:

- Participant details registered with AEMO for the participant ID⁺ will be automatically displayed, these details can be maintained via participant contacts in MSATS.
- Exemption category, exemption type and nature of exemption values are configurable by AEMO and will display different values depending on the exemption selections (refer to Appendix A)
- Action taken: identifies the actions that have been performed prior to request ion of the exemption.
- Population of NMI details is used to populated the list of NMIs related to the exemption

 refer section <u>5.4.1</u>
- ----Confirmation pop up window will display to validate the selected actions.
- Comments, Action reason: this section is for the MC-to provide notes on why they took the actionadditional details related to the exemption. An example, if the MC cancels an Exemption, they participant may want to add a notereason, or if the MC wants an extension, the theydetails should include the new requested expiry date, why they exemption needs an extension and the actions theythat have been taken to resolve the exemptions prior to the extension being granted.

On completion of populating the exemption data, selection of the Create button will create the exemption and validate the associated NMI details. <u>Once created</u>, and an acceptance message with the exemption ID will be generated.

⁴ Updating of registered participant for a participant id can be sent to the <u>meter@aemo.com.au</u> email address



Note: Selection of the Cancel link will return the user to the Exemptions list window without saving any data changes.



4.4.1. Population of NMI Details

Two options have been provided for the online process to support the population of NMI details within an exemption:

1. Add manually: selection of the link will present the user with a pop-up input window

| Add NMI | | × |
|------------|------------------|-----------------------|
| NMI | Planned fix date | Substitution required |
| 6022345678 | 11/11/2022 | Υ |
| 6012345678 | 12/02/2023 | |
| 6033456789 | 11/01/2023 | |
| Add more | ۰. د | 1 > >> |

Diagram 5 – Add NMI pop-up window

Selecting the add more button will provide more fields to input additional NMI details.

Once the pop-up window exceeds its capacity a new page will be presented to the user.

2. Attach a CSV file: selection of the link will present the user with a pop-up window to select a file, please refer to section 4.11 For CSV format requirements



Diagram 6 – Upload file pop-up window

The uploaded CSV file will be displayed, the this file can be deleted deleted prior to the Exemption being saved, and a new file can be loaded.

| | _ | |
|-----------------------------|---|--|
| @exemptionList_TEST (6).csv | | |
| | | |

Diagram 7 – Add NMI pop-up window

When recording a NMI the following information must be provided is mandatory:

- 1. NMI
- Planned fix date²: Date by when the NMI issue will be resolved this date must be prior to the exemption <u>expiry</u>end date and must provide a progression of correction over the exemption period.
- 3. Substitution Required³: Identifies if meter reads for the NMI will require substitution until the issue resolution and the MDP has been notified.

Once the exemption create button is selected the associated NMIs <u>entered via the Add manual</u> <u>or Attach a CSV file processes</u> will be validated, any NMIs that fail validation will be excluded from the exemption.

² Planned fix date must be supplied as per clause 7.8.10 (c) of the Rules

³ Notification of metering installation malfunction must be completed within 1 business day as per <u>NER</u>-clause 7.8.10 (d)



The following validations will reject the NMI during the creation process:

- 1. Any duplicate NMI values within the exemption list.
- 2. NMI does not exist in MSATS
- 3. NMI with a status of 'X' (extinct) or 'N' (non-market)
- The requesting participant id is not the active <u>Metering Co-ordinatorMC</u> (RP) participant ID assigned to the NMI
- 5. NMI is included in another active exemption id.

4.4.2. Providing supporting information

I

While raising an exemption additional documentation may be required to support the exemption request⁴. This additional information will not be <u>loading-loaded</u> into MSATS and must be sent to <u>meter@aemo.com.au-</u>

⁴ Exemption supporting information will be stored in an AEMO directory separate from MSATS



4.5. Reviewing an exemption

Once the participant has created an exemption, the exemption status will be set to <u>a status of</u> 'For Review'. AEMO is responsible for reviewing all exemptions with a 'For Review' status. <u>AEMO is the only party who can make changes while the exemption status is "'For Review"</u>

While reviewing the exemption AEMO have 3 processing options:

- Approve: <u>approval of the exemption will has been provided an exemption until the</u> exemption <u>expiry end date⁵. AEMO may update the exemption expiry date if they</u> <u>believe the date requested is not acceptable.</u> If AEMO approves an exemption with conditions, the condition details will display in the exemption history section on the right handright-hand side of the exemption detail window.
- 2. <u>Request M</u>more info: AEMO may request supporting information and or apply conditions prior to Approving or Rejecting the exemption request.
- 3. Reject: where AEMO believe the exemption is not supported within the rules, AEMO will reject the exemption.

While the exemption is in the 'For Review' status, participants will be able to view exemption details but will not be able to change or update the exemption.

⁵ Participants will enter a requested exemption expiryend date, however AEMO may at their discretion update the expiryend date.



| | | | | | | | | | (a) (C) Paul |
|-----------------------|---|--|---|---|---|--|--|--|--------------|
| Details of 100 | 00000000005 | 580 | | | | | | | |
| | | | Participant details | | | | | | |
| xemption ID | 100000000000 | 80 | Contact name CAPRICE DAVEY | | Phone number | Email | address ce.Davey@sapowernetworks.com.au | | |
| reated date | 10/07/2023 | | CAPRICE DAVEY | | | Capric | ce.Davey@sapowernetworks.com.au | | |
| itatus change date | 10/07/2023 | | Exemption details | | | | | | |
| ixemption status | FOR REVIEW | | Date first aware of the issue* 03/07/2023 | | Exemption category* MALFUNCTION Nature of exemption* | 31/12/ | ption end date* /2023 | | |
| NMI list source | NEW | | Exemption type* DEFECTIVE | | Nature of exemption* ACCESS | | | | |
| articipant ID | UMPLP | | Action taken* New Exemption | | | | | | |
| | | | NMI details | | | | | | |
| | | | NM* 11 | Status 11 | Pla | anned fix date" 11 | Substitution required 11 | | |
| | | | 2001019331 | NEW | 13 | /07/2023 | N | | |
| | | | 2001019489 | NEW | 13 | /07/2023 | N | | |
| | | | 2001019735 | NEW | 13. | /07/2023 | N | | |
| | | | 2001019819 | NEW | 13, | /07/2023 | N | | |
| | | | 2001020058 | NEW | 13 | /07/2023 | N | | |
| | | | 2001020537 | NEW | 13 | /07/2023 | N | | |
| ÷ | Details of | 1234567890 | Commonts Action reason Back 12345 | | | | | | |
| | | 12345678901 | Action reason Back | ils | | | History | у | |
| E | Details of Exemption ID Created date | | Action reason Back | Pho | nn number 45778 | Email address email@utigirmc.com.a | | y 22 © Exemption created by participant | |
| E | Exemption ID | 123456789012345 | Action reason Sack 12345 Participant deta Contact name John Smith Exemption deta | Pho 123 | 45778 | email@originmc.com.a | | | |
| E C S | Exemption ID Created date Status change date | 123456789012345 06/06/2022 12:26 06/06/2022 12:26 | Action reason Back 123455 Participant deta Contact name John Smith | Pho 123 | 45778 | email@originmc.com.a | | | |
| E | Exemption ID Created date | 123456789012345 06/06/2022 12:26 | Action reason Back 12345 Participant deta Contact name John Smith Exemption deta Date first aware of fit | Pho 123 ils relissue Exe Mer | ee number 45778 metion category tering installation mafuncti larged with FRAP meter | email@originmc.com.i | | | |
| E C S E N | Exemption ID Created date Status change date Exemption status | 123456789012345 06/06/2022 12:26 06/06/2022 12:26 FOR REVIEW | Action reason Exc: 12345 Participant deta Context name John Smith Exemption deta Date fina assess of the Date fina assess Date fina asses | Pho 123 ils relissue Exe Mer | mption category tering installation malfuncti ure of exemption e logged with FRMP meter | email@originmc.com.i | | | |
| E C S E N | Exemption ID Created date Status change date Exemption status NMI list source | 123456789012345 06/06/2022 12:26 06/06/2022 12:26 FOR REVIEW New | Action reason Exc: 12345 Participant deta Context name John Smith Exemption deta Date fina assess of the Date fina assess Date fina asses | Pho 123 ils Exe Me er Issue | mption category tering installation malfuncti ure of exemption e logged with FRMP meter | email@originmc.com.i | | | |
| E C S E N | Exemption ID Created date Status change date Exemption status NMI list source | 123456789012345 06/06/2022 12:26 06/06/2022 12:26 FOR REVIEW New | Action reason Eact 12345 Participant deta Contact name Soluto Smith Date find aware of th 02/12/2022 Contact Name Defective(Faulty met Action taken Issue logged with FR | Pho 123 ils Exe Me er Issue | mption category tering installation malfuncti ure of exemption e logged with FRMP meter | email@originmc.com.i | au 1/12/202 | | |
| E C S E N | Exemption ID Created date Status change date Exemption status NMI list source | 123456789012345 06/06/2022 12:26 06/06/2022 12:26 FOR REVIEW New | Actor resort Sect 12345 Participant deta Contact name Contact name Contact name Contact name Contact name Defective (Faulty met Result logged with FR NMI details | Phone | 45778 mption category tering installation malfuncti ure of exemption e logged with FRMP meter placements | email@originnc.com. Exemption and date 24/12/2022 s orders for replacements | au 1/12/202 | | |
| E C S E N | Exemption ID Created date Status change date Exemption status NMI list source | 123456789012345 06/06/2022 12:26 06/06/2022 12:26 FOR REVIEW New | Action reason Eact Participant deta Contact name Contact name Date first aware of th C2/12/22/2 Date first aware of th C2/12/2/2 Date first aware of th C2/12/2 Date first aw | Pice 123 IIS er issue Ence Me mer issu MP meters orders for re Status 11 | 45778 mption category tering installation malfuncti us of exemption e logged with FRMP meter placements Planned fix date 11 | email@originmc.com.a Dismotion and date 24/12/2022 s orders for replacements Substitution required | au 1/12/202 | | |
| E C S E N | Exemption ID Created date Status change date Exemption status NMI list source | 123456789012345 06/06/2022 12:26 06/06/2022 12:26 FOR REVIEW New | Action reason Eaci 12345 Participant deta Contact name Contact name Contact name Contact name Contact name Date first aware of th C27122022 Exemption deta Date first aware of th C27122022 Exemption deta Date first aware of th C27122022 Exemption deta Date first aware of th C27122022 Exemption deta Exemption deta Exemption taken Exemption | Pice 123 iis Erissue Control | 45778 metice category meting installation mafuncts are of exemption e logged with FBMP meter placements Planned fix date 11 05/12/2022 | email@originmc.com.a on 24/12/2022 a orders for replacements orders for velocements v v N N | au 1/12/202 | | |
| E C S E N | Exemption ID Created date Status change date Exemption status NMI list source | 123456789012345 06/06/2022 12:26 06/06/2022 12:26 FOR REVIEW New | Action reason Eaci 12345 Participant deta Contact name Contact name Contact name Contact name Contact name Date first aware of th C27122022 Exemption deta Date first aware of th C27122022 Exemption deta Date first aware of th C27122022 Exemption deta Date first aware of th C27122022 Exemption deta Exemption deta Exemption taken Exemption | Pice 123 iis Erissue Control | 45778 mption category tering installation mailuncts are of exemption le logged with FMMP meter placements Planned fix date 11 05/12/2022 10/12/2022 | email@originmc.com.a on 24/12/2022 a orders for replacements orders for velocements v v N N | av 1/12/202 | | |

Diagram 8 – Participant view when the exemption status is 'For Review'

Once an exemption is approved, MSATS will perform additional automation. Depending on the Exemption category value the following processesed will be performed⁶:

- Metering Installation Malfunction once the exemption is approved MSATS will;
 - Raise a CR5101 change request for each NMI to populate the standing data fields of Meter Malfunction Exemption Number and Meter Malfunction Exemption Expiry Date.
 - Completion of the CR5101 will send a notification to all eligible participants as per the CATS Procedures.
 - Exemptions for a Type 4A category will not update the Meter Malfunction
 Exemption Number or Meter Malfunction Exemption Expiry Date field in the NMI Details table within MSATS.
- Type 4A a new SDQ check will notify M<u>Csettering Co-ordinators</u> of exemptions that have been approved, rejected or sent for more info within the previous 7-14 days.

Details table within MSATS

⁶ The Exemption category is a configurable field by AEMO and new values and actions may be included in the future.



• Malfunctions – a new SDQ check will notify MCs of exemptions that have been approved, rejected or sent for more info within the previous 14 days.



4.6. Providing more information

Where AEMO has requested more information information, the status will be updated to 'More DataInfo'. Participants are required to:

- provide additional supporting documentation for the exemption⁷, or
- update the exemption details and/or NMI details.

| f 100000000058 | 50 | | | | | | | | | | |
|---|--|---|---|--|---|---|-------------------|------------------------|---|--|-----------------|
| 10 | 0000000005-80 | Participant details | | | | | | | | History | |
| 31 | 1/07/2023 | Contact name DAVID TAGG | | | Phone number 08 12845678 | | | Email address | | 31/07/202 | a 🕈 MORE INFO |
| | 10/2023 | LINELD FADD | | | 4712343676 | | | mato.textgramF0.com | 1.00 | | A Please prov |
| | NOR INFO | Exemption details | | | | | | | | 10/07/202 | |
| | | Date first aware of the base? | | | Exemption category* MALFUNCTION | | ~ | | | | |
| | tw. | Exemption and date* | | | Examption type* | | | | | 10/07/282 | 21 • FOR REVIEW |
| UN | MPLP | 81/12/2028 | | 8 | DEFECTIVE | | ~ | | | | A Add more N |
| | | Action taken* | | | | | | | | 10/07/202 | 23 MORE INFO |
| | | New Exemption | | | | | | | | | A Add more N |
| | | | | | | | 1 | | | | |
| | | Natare of exemption* | | ~ | | | | | | | |
| | | | | | | | | | | | |
| | | NMI details | | | | | | | | | |
| | | Q. Search NMI | | | W Clear | | | | Action | × × | |
| | | | NMP | | Status | | Planned flx date* | | Substitution required | | |
| | | | 2001019551 | | NEW | | 18/07/2028 | | N | | |
| | | | 2001019489 | | NEW | | 13/07/2023 | | N | | |
| | | | 2001019735 | | NEW | | 13,07,2023 | | N | | |
| | | | 2001015619 | | NEW | | 13/07/2023 | | N | | |
| | | | 2001020058 | | NEW | | 13/07/2323 | | N | | |
| | | 0 | 2001020537 | | NEW | | 13/07/2023 | | N | | |
| | | _ | | | | « (1))» | | | | | |
| | | | | | | | | | | | |
| | | Comments | | | | | | | | | |
| | | Action reason | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| ←Details o | f 123456789012365 | Cancel | | | | | | | Saw for naview Canad and | ngelion | |
| | | | | | | | | History | San for review Cancel new | in proton | |
| Exemption ID | 123456789012365 | Cavel Participant details Contact name | | Phone number | | Email address | | History | | ngation | |
| | | Participant details | | Phone number 12345776 | | Email address email@orginmc.com.a | δu | | Request more data | ngdar | |
| Exemption ID | 123456789012365 Q6/06/2022 12:26 | Participant details Contact name John Smm | | | | | ði. | | Request more data | ngtion | |
| Exemption ID Created date Status change date | 123456789012365 04/04/2022 12:26 04/04/2022 12:26 | Participant details Contact name Joon Samm Exemption details | | 12345778 | | | ðu - | | Request more data | nyakar | |
| Exemption ID Created date Status change date Exemption status | 123454789012365 06/06/2022 12:26 06/06/2022 12:26 MORE DATA | Participant details Contact name John Smith Exemption details Date first areas of the issue | | 12345778 Exemption category | ×× | | ðu - | | Request more data | nyakar | |
| Exemption ID Created date Status change date | 123456789012365 04/04/2022 12:26 04/04/2022 12:26 | Participant details Contact name Joon Samm Exemption details | 8 | 32345778 Exemption category MALFUNCTION Exemption type | ×× | | ۵۱ | | Request more data | ng data | |
| Exemption ID Created date Status change date Exemption status | 123454789012365 06/06/2022 12:26 06/06/2022 12:26 MORE DATA | Participant details Contact name John Smm Exemption details Date first areas of the mose 02/12/2022 | 8 | 12345776 Exemption category MALFUNCTION | × ~ × ~ | | δι | 8/13/2822 | Request nove sala The events of a sight form an extra to the making and an extra to the making and and | and and a second se | |
| Exemption ID Created date Status change date Exemption status NMI list source | 123456/199012365 DMIGM2022 12:26 DMIGM2022 12:26 DMIGME DATA New | Participant details Contact name Jaco Sento Exemption details Date for annee of the more 0x172022 Exemption and data 2x172022 Action balon | 8 | 12345776 Exemption category MALFUNCTION Exemption type DEFECTIVE | | | ai | 8/13/2822 | Request more data | and and a second | |
| Exemption ID Created date Status change date Exemption status NMI list source | 123456/199012365 DMIGM2022 12:26 DMIGM2022 12:26 DMIGME DATA New | Participant details Contart now looks from Exemption details Date for annual of the issue Contact of the issue Service of the issue Ser | 8 | 12345776 Exemption category MALFUNCTION Exemption type DEFECTIVE | | | au | 8/12/2822 5/12/2822 | Report more sets This exemption is conditioned in an art firling in the second of the second s | n n n n n n n n n n n n n n n n n n n | |
| Exemption ID Created date Status change date Exemption status NMI list source | 123456/199012365 DMIGM2022 12:26 DMIGM2022 12:26 DMIGME DATA New | Participant details Contart name Jood Same Exemption details Date fort areas of the issue Output of the issue Output of the issue Output of the issue Contact of the issue Action taken Itsue sogget with FRUP meter | 8 | 12345776 Exemption category MALFUNCTION Exemption type DEFECTIVE | | | 82 | 8/12/2822 5/12/2822 | Request nove sala The events of a sight form an extra to the making and an extra to the making and and | | |
| Exemption ID Created date Status change date Exemption status NMI list source | 123456/199012365 DMIGM2022 12:26 DMIGM2022 12:26 DMIGME DATA New | Participant details Crister sume John Smith Exemption details Date for answ of the mose 0x172222 Exemption end date 2x172222 Exemption end date 2x172222 Artibit State State Sogget eth PRUP meters | 8 | 12345776 Exemption category MALFUNCTION Exemption type DEFECTIVE | | | 84 | 8/12/2822 5/12/2822 | Report more sets This exemption is conditioned in an art firling in the second of the second s | | |
| Exemption ID Created date Status change date Exemption status NMI list source | 123456/199012365 DMIGM2022 12:26 DMIGM2022 12:26 DMIGME DATA New | Participant details Crister sume John Smith Exemption details Date for answ of the mose 0x172222 Exemption end date 2x172222 Exemption end date 2x172222 Artibit State State Sogget eth PRUP meters | E E | 12345776 Exemption category MALFUNCTION Exemption type DEFECTIVE | | | 84 | 8/12/2822 5/12/2822 | Report more sets This exemption is conditioned in an art firling in the second of the second s | | |
| Exemption ID Created date Status change date Exemption status NMI list source | 123456/199012365 DMIGM2022 12:26 DMIGM2022 12:26 DMIGME DATA New | Participant details Contact nume Jame Somm Exemption details Date for annee of the insue 0x1702022 Exemption and date Jame 2000 Anton balan Itsue cooped with FRUM meter Nature of exemption ACCES NMM details | E E | 12343778 Exemption category MALIFUNCTION Exemption type DEFECTIVE rents | | | | 8/12/2822 5/12/2822 | Report more sets This exemption is conditioned in an art firling in the second of the second s | | |
| Exemption ID Created date Status change date Exemption status NMI list source | 123456/199012365 DMIGM2022 12:26 DMIGM2022 12:26 DMIGME DATA New | Participant details Crister sume Mars Series Exemption details Date fort answer of the insee 0x120222 Exemption end date 2x1120222 Artite 2022 Artite | B B ars orders for replacent X V | 12343778 Exemption category MALUNCTON Exemption type DEFECTIVE ments F Crear | X v | ens Ong ne com | Adjoin Y | 8/12/2822 5/12/2822 | Report more sets This exemption is conditioned in an art firling in the second of the second s | | |
| Exemption ID Created date Status change date Exemption status NMI list source | 123456/199012365 DMIGM2022 12:26 DMIGM2022 12:26 DMIGME DATA New | Participant details Crister some Wards for annee of the more Database Datab | B B ars orders for repacent | 12343778 Exemption category MARUNATON Exemption type DEFECTIVE ments Status | X X | ena (barg nor.com) | | 8/12/2822 5/12/2822 | Report more sets This exemption is conditioned in an art firling in the second of the second s | | |
| Exemption ID Created date Status change date Exemption status NMI list source | 123456/199012365 DMIGM2022 12:26 DMIGM2022 12:26 DMIGME DATA New | Participant details Crister sume Mars Series Exemption details Date fort answer of the insee 0x120222 Exemption end date 2x1120222 Artite 2022 Artite | B B ars orders for repacent | 12343778 Exemption category MALUNCTON Exemption type DEFECTIVE ments F Crear | X v | ena (barg nor.com) | Adjoin Y | 8/12/2822 5/12/2822 | Report more sets This exemption is conditioned in an art firling in the second of the second s | | |
| Exemption ID Created date Status change date Exemption status NMI list source | 123456/199012365 DMIGM2022 12:26 DMIGM2022 12:26 DMIGME DATA New | Participant details Cardar tunne Work Share Share Share Date for annee of the mose DUT22022 Participant and tab 2x172022 Participant and tab 2x17202 Participant and tab 2x17202 Participant and tab 2x17202 Participant an | B B ars orders for repacent | 12343778 Exemption category MARUNATON Exemption type DEFECTIVE ments Status | X X | erres (Bang Initication) sete Substitut Y | Adjoin Y | 8/12/2822 5/12/2822 | Report more sets This exemption is conditioned in an art firling in the second of the second s | | |
| Exemption ID Created date Status change date Exemption status NMI list source | 123456/199012365 DMIGM2022 12:26 DMIGM2022 12:26 DMIGME DATA New | Participant details Contact name Sets Sets and of the same Set Set and of the same Set Set Sets and of the same Set Set Sets Sets Sets Sets Sets Sets Se | B B | 12343778 Exemption category MAUUACTON MAUUACTON Detective Terminology Terminolog | X V Panned fix d 05/12/2022 10/12/2022 | erres (Bang Initication) sete Substitut Y | Adjoin Y | 8/12/2822 5/12/2822 | Report more sets This exemption is conditioned in an art firling in the second of the second s | | |
| Exemption ID Created date Status change date Exemption status NMI list source | 123456/199012365 DMIGM2022 12:26 DMIGM2022 12:26 DMIGME DATA New | Participant details Contact name Sets Sets and of the same Set Set and of the same Set Set Sets and of the same Set Set Sets Sets Sets Sets Sets Sets Se | B B | 12343778 Exemption category MALTUNCTON Exemption type DEFECTIVE Perform Status Uncours RMI | X V Panned fix d 05/12/2022 10/12/2022 | erres (Bang Initication) sete Substitut Y | Adjoin Y | 8/12/2822 5/12/2822 | Report more sets This exemption is conditioned in an art firling in the second of the second s | | |
| Exemption ID Created date Status change date Exemption status NMI list source | 123456/199012365 DMIGM2022 12:26 DMIGM2022 12:26 DMIGME DATA New | Participant details Contact name Sets Sets and of the same Set Set and of the same Set Set Sets and of the same Set Set Sets Sets Sets Sets Sets Sets Se | B B | 12343778 Exemption category MAURUNCTON MAURUNCTON Exemption type perfective | X V Panned fix d 05/12/2022 10/12/2022 | erres (Bang Initication) sete Substitut Y | Adjoin Y | 8/12/2822 5/12/2822 | Report more sets This exemption is conditioned in an art firling in the second of the second s | | |
| Exemption ID Created date Status change date Exemption status NMI list source | 123456/199012365 DMIGM2022 12:26 DMIGM2022 12:26 DMIGME DATA New | Participant details. Contact name Jaton Sorth Exemption details Date for anne of the mose during of the mose | B B | 12343778 Exemption category MAURUNCTON MAURUNCTON Exemption type perfective | X V Panned fix d 05/12/2022 10/12/2022 | erres (Bang Initication) sete Substitut Y | Adjoin Y | 8/12/2822 5/12/2822 | Report more sets This exemption is conditioned in an art firling in the second of the second s | | |
| Exemption ID Created date Status change date Exemption status NMI list source | 123456/199012365 DMIGM2022 12:26 DMIGM2022 12:26 DMIGME DATA New | Participant details Cristent runs Ward Junits Determption details Determption details Determption end date 2x1/20/22 Determption end date 2x1/20/22 Determp | B B | 12343778 Exemption category MAURUNCTON MAURUNCTON Exemption type perfective | X V Panned fix d 05/12/2022 10/12/2022 | erres (Bang Initication) sete Substitut Y | Adjoin Y | 8/12/2822 5/12/2822 | Report more sets This exemption is conditioned in an art firling in the second of the second s | | |
| Exemption ID Created date Status change date Exemption status NMI list source | 123456/199012365 DMIGM2022 12:26 DMIGM2022 12:26 DMIGME DATA New | Participant details. Contact name Jaton Sorth Exemption details Date for anne of the mose during of the mose | B B | 12343778 Exemption category MAURUNCTON MAURUNCTON Exemption type perfective | X V Panned fix d 05/12/2022 10/12/2022 | erres (Bang Initication) sete Substitut Y | Adjoin Y | 8/12/2822 5/12/2822 | Report more sets This exemption is conditioned in an art firling in the second of the second s | | |

Diagram 9 – Details window when the exemption status is 'More Data' Info'

Once the updates have been completed and/or supporting documentation provided to AEMO (where required) the selection of the Save for review button will return the exemption to AEMO for review.

⁷ Additional information will not be loadeding into MSATS and must be sent to meter@aemo.com.au



<u>AlternativelyAlternatively</u>, the requesting participant has the option to cancel the exemption be <u>by</u> selecting the Cancel exemption button. Selecting the button will set any NMIs registered in the exemption that have <u>not been completed resolveda status of active or new</u> to cancelled. The cancellation of a NMI allows the NMI to be included in a new exemption if required.

Note: Selection of the Cancel link <u>(bottom left of the window)</u> will return the user to the Exemptions list window without saving any data changes.

4.6.1. Updating of NMI Details

A number of options are available to support the updating of NMIs within an exemption these include:

- 1. Online update of NMIs via
 - a. Selecting the check box next to a NMI(s) and selecting the Remove NMI action. This option will <u>set the NMI Status to remove Removed for</u> the checked NMI(s) from the exemption
 - b. <u>selecting-Selecting</u> the check box next to a NMI(s), updating the Planned fix data and/or Substitute required checkbox, then selectingen the Change NMI details action. This option will update details against the selected NMI(s) only.

Once the action button is selected for online updated the action will be performed immediately, and the NMI details will be updated to the saved exemption details.

- 2. Uploading of NMI list via
 - a. Selecting the Upload NMI list action will enable additional NMIs to be included against the exemption request <u>(only available prior to the exemption being approved)</u>.
 - b. Selecting the Upload NMI changes action will update the existing NMI details within the exemption.

Only a single CSV file can be loaded for an exemption via the below online upload process

Attach a CSV file: selection of the link will present the user with a pop-up window to select of file, please refer to section 4.11 for CSV format requirementsrequirements.



Diagram 10 – Upload file pop-up window

The uploaded CSV file will be displayed, the file can be deleted and a new file can be loaded.

| @exemptionList_TEST (6).csv | |
|-----------------------------|--|
|-----------------------------|--|

Diagram 11 – Add NMI pop-up window



Once the exemption Send for review button is selected the associated upload file will be validated, any NMIs that fail validation will be excluded from the exemption.

The following validations will reject the NMI during the creation process:

- a. Any duplicate NMI values within the exemption.
- b. NMI does not exist in MSATS
- c. NMI with a status of 'X' (extinct) or 'N' (non-market)
- d. The requesting participant id is not the active M<u>Cetering Co-ordinator</u> (RP) participant ID assigned to the NMI
- e. NMI is included in another active exemption ID that is granted to the Current MC.

4.6.2. Downloading NMI List

To assist with the management of a large quantity of NMIs the user will be able to request a CSV list of NMIs for the exemption.

Selecting the NMI details action Download list will <u>generator generate</u> a CSV file in the participants download folder. The list will contain all NMIs, <u>current status and status message</u> (which includes the rejection reason if applicable) for the exemption in the format described in section <u>4.11</u>

C, PRODUCTION, METER EXEMPTION NMI, NEMMCO, POWERCOR, 2022/04/07, 22:04:05, ,,, NEM,,

I,MEN,NMI,STATUS,PLAN DATE,SUBSTITUTION REQ,STATUS MESSAGE

D,MEN,1234567890,ACTIVE,2023/08/06,Y,

D,MEN,1234567891,REJECTED,2023/08/06,Y,Participant Not MC.

C, END OF REPORT, 5



4.7. Managing an exemption

Once AEMO has Approved the exemption the status will be updated to 'Active'. All details within the exemption (including NMI details) are stored and cannot be updated, exempt except the Action Reason field.

Participants are now required to manage the exemption by:

- Actioning each of the NMIs, then
- Actioning the exemption

| | | | 6 | Participant: NEMMCO | | | | | |
|--------------------|----------------|---|------------|------------------------------------|-------------------|-------------------------|--------------|--------------|---|
| | | | | | | | | | |
| ←Details of 1000 | 0000000580 | | | | | | | | |
| Exemption ID | 10000000000580 | Participant details | | Phone number | Email | address | | History | |
| Created date | 31/07/2023 | DAVID TAGG | | 03 12345678 | msats: | test@aemo.com.au | | 31/07/2023 ● | |
| Status change date | 31/07/2023 | Exemption details | | | | | | | ▲ Please provide rectification plan |
| Exemption status | ACTIVE | Date first aware of the issue* 03/07/2023 | | Exemption category* MALFUNCTION | Exemp 31/12/ | otion end date* 2023 | | 31/07/2023 | MORE INFO |
| NMI list source | NEW | Exemption type* DEFECTIVE | | Nature of exemption* ACCESS | | | | | ▲ Please provide rectification plan |
| Participant ID | UMPLP | Action taken* New Exemption | | | | | | 31/07/2023 | ACTIVE |
| | | NMI details | | | | | | | Please provide rectification plan |
| | | Q. Search NMI | | 1 Clear | | | Actions 🗸 | 10/07/2023 ● | |
| | | | NMI* | Status | Planned fix date* | Substitution required | | | Add more NMIs |
| | | | 2001019331 | ACTIVE | 13/07/2023 | N | | 10/07/2023 ● | FOR REVIEW |
| | | | 2001019489 | ACTIVE | 13/07/2023 | N | | 10/07/2023 | FOR REVIEW |
| | | | 2001019735 | ACTIVE | 13/07/2023 | N | | | ▲ Add more NMIs |
| | | | 2001019819 | ACTIVE | 13/07/2023 | N | | | |
| | | | 2001020058 | ACTIVE | 13/07/2023 | N | | | |
| | | | 2001020537 | ACTIVE | 13/07/2023 | N | | | |
| | | | 2001020337 | « < 1 > | | N | | | |
| | | | | | " | | | | |
| | | Comments | | | | Resolve | | | |
| | | Action reason Rectifiaction Plan sent via en | ail | | | Extend | | | |
| | | | | | | Cancel exemption | | | |
| | | | | | | - | | | |
| | | Cancel | | | I | Save changes 🗸 | changes \vee | | |

←Details of 123456789012355

| Exemption ID | 123456789012355 | Participant det | ails | Phone number | Email address | | History | Rejected by AEMO |
|------------------------------------|------------------|---------------------------------------|---|---|-------------------------------|-----------------------|--|--|
| Created date Status change date | 06/06/2022 12:26 | John Smith | ails | 12345778 | email@originmc.com.a | u | | The exemption is rejected |
| Exemption status | ACTIVE | Date first aware of t 02/12/2022 | the issue | Exemption category Metering installation malfunction | Exemption end date 24/12/2022 | | | not provided according to procedure. |
| NMI list source | New | Exemption type Defective/Faulty me | eter | Nature of exemption Issue logged with FRMP meters orders | for replacements | | 5/12/2022 | Exemption reviewed |
| Participant ID | ORIGINMC | Action taken Issue logged with F | Action taken Issue logged with FRMP meters orders for replacements | | | 1/12/2022 | Exemption created by participant | |
| | | NMI details | | | | | | |
| | | Q Search NMI | | 🕅 Clear | | Actions 🗸 | | |
| | | | NMI | Status | Planned fix date | Substitution required | | |
| | | | 8000001391 | Unknown NMI | 05/12/2022 | Y | | |
| | | | 8000001392 | Unknown NMI | 10/12/2022 | Ν | | |
| | | | | $\ll \langle 1 \rangle \gg $ | | | | |
| | | Comments Action reason | | | | | | |
| | | Comments added | | | | | | |
| | | Cancel | | | | Save changes 🗸 | | |



Diagram 12 – Details window when the exemption status is 'Active'

4.7.1. Actioning a NMI(s)

A number of options are available to support the updating of NMIs within an exemption these include:

- 1. Online actioning NMIs via
 - a. selecting the check box next to a NMI(s) and selecting the Resolve action. This option will set the NMI status to Resolved for the checked NMIs
 - b. selecting the check box next to a NMI(s), and selecting the Cancel NMI action. This option will set the NMI status to Cancelled for the checked NMIs.

Once the action button is selected for online updated the action will be performed immediately, and the NMI details will be updated to the saved exemption details.

- 2. Uploading of NMI list via
 - a. Selecting the Upload NMI status action will update the status for the existing NMI details within the exemption.

Only a single CSV file can be loaded for an exemption via the below online upload process

Attach a CSV file: selection of the link will present the user with a pop-up window to select of file, please refer to section 4.11 for CSV format requirementsrequirements.



Diagram 13 – Upload file pop-up window

The uploaded CSV file will be displayed, the file can be deleted and a new file can be loaded.



Diagram 14 – Add NMI pop-up window

Once the exemption action button is selected the associated upload file will be processed against the associated NMIs.

Once updates to all NMI details have been completed, selection of the Save changes button will process the exemption changes as per *Diagram 14*.

Alternatively, the requesting participant has other options to select from:

- Cancel Exemption: will cancel the exemption and set any NMI that has not been completed resolved to cancelled⁸.
- Resolve: will resolve the exemptions and set any NMIs that <u>has have not been</u> completed resolved or cancelled to resolved.

⁸ Cancelling a NMI enables the NMI to be included in a new exemption.



• Extend: will send the exemption back for review, the participant should include details in the Action Reason field of when the extension is needed and a proposed new <u>expiryend</u> date for the exemption. The AEMO reviewer will update the <u>expiryend</u> date during the approval process.

4.7.2. Expiry of an exemption

Where an exemption reaches its <u>expiryend</u> date the exemption and the associated NMIs will automatically be set to expired in the followingusing AEMO Batch processes.

AEMO will notify <u>MCsMetering Co-ordinators</u> up to <u>21</u>14 days prior to an exemption expiry date that the exemption is due to expire. The notification will be included in <u>the a</u> standing data quality (SDQ) report.

Once an Exemption is set to expired no updates are allowed. AEMO will also notify the <u>MCMetering Co-ordinator</u> of exemptions that have expired via <u>the a</u>SDQ report.

4.7.3. Churn of MCMetering Co-ordinator

During the lifecycle of the exemption the <u>MCMetering Co-ordinator</u> may change. To support the churn of <u>MCsMetering Co-ordinators</u> a new SDQ check will identify exempt NMIs that have a different active NMI <u>MCMetering Co-ordinator</u> compared to the <u>MCMetering Co-ordinator</u> on the exemption, where this condition is identified the status of the NMI will be set to MC Churn against the exemption.

If the New MC for that metering installation requires AEMO to reissue the exemption, the New MC must create an application in MSATS within 5 business days of becoming the New MC to reissue the exemption and provide a statutory declaration that there are no circumstances warranting the expiry of the exemption.

If the New MC for that metering installation determines that an exemption is still required, the New MC must submit a new exemption application within five business days of becoming the New MC. Applications are to be submitted using the MSATS application process and the New MC must provide the supporting documentation.

4.7.4. Downloading NMI List

To assist with the management of a large quantity of NMIs the user will be able to request a CSV list of NMIs for the exemption.

Selecting the NMI details action Download list will generator a CSV file in the participants download folder. The list will contain all NMIs for the exemption in the format described in section <u>4.11</u>.



4.8. Viewing closed exemptions

Once an exemption has been closed the exemption can be viewed but cannot be updated. There is no process to re-activate a closed exemption, in this circumstance a new exemption will need to be created. Exemptions can be closed for by any of the following reasons.

- Rejected: exemption application has been rejected
- Cancelled: participant has cancelled the exemption
- Resolved: participant has resolved the exemption
- Expired: exemption expiryend date has been reached.

| ←Details of 100 | 000000000722 | | | | | |
|--------------------|---------------|--|--|----------------------|--|-------------------------|
| Exemption ID | 1000000000722 | Participant details | | | | History |
| Created date | 26/07/2023 | Contact name DAVID TAGG | Phone number 03 12345678 | Em | ail address ats.test@aemo.com.au | 26/07/2023 • REJECTED |
| Status change date | 26/07/2023 | Exemption details | | | | 26/07/2023 • FOR REVIEW |
| Exemption status | REJECTED | Date first aware of the issue* 26/07/2023 | Exemption category* MALFUNCTION Nature of exemption* | Ex. 26 | emption end date* 07/2023 | |
| NMI list source | NEW | Exemption type* DEFECTIVE | ACCESS | | | |
| Participant ID | NEMMCO | Action taken* taken | | | | |
| | | NMI details | | | | |
| | | NMI* 11 | Status †↓ | Planned fix date* 11 | Substitution required $\uparrow\downarrow$ | |
| | | 1234234555 | REJECTED | 23/08/2023 | Ν | |
| | | | ~~ | < 1 > >> | | |
| | | Comments | | | | |
| | | Action reason re | | | | |
| | | Back | | | | |
| | | | | | | |

Participant: NEMMCO

←Details of 123456789012395

| emption ID | 123456789012395 | Participant detai | | | | History | | |
|--------------------|------------------|---|---------------------|--|--|-----------|---|--|
| reated date | 06/06/2022 12:26 | Contact name John Smith | | Phone number 12345778 | Email address email@originmc.com.au | 8/12/2022 | Rejected by AEMO | |
| itatus change date | 06/06/2022 12:26 | Exemption detai | ls | | | | The exemption is rejected because the rectification plan is not provided according to the | |
| xemption status | REJECTED | Date first aware of the 02/12/2022 | , | Exemption category Metering installation malfunction | Exemption end date 24/12/2022 | | procedure. | |
| IMI list source | New | Exemption type Defective/Faulty mete | er I | Nature of exemption Issue logged with FRMP meters orders for replacements | | | xemption reviewed | |
| Participant ID | ORIGINMC | Action taken Issue logged with FRM | MP meters orders fo | 1/12/2022 | Exemption created by participant | | | |
| | | NMI details | | | | | | |
| | | NMI †↓ | Status 11 | Planned fix date 1 | Substitution required 1 | | | |
| | | 8000001391 | Unknown NMI | 05/12/2022 | Ŷ | | | |
| | | 8000001392 | Unknown NMI | 10/12/2022 | N | | | |
| | | | | | | | | |
| | | | | « < 1 > » | | | | |
| | | Comments | | « « 1 » » | | | | |
| | | Comments Action reason Comments added | | « (1) » | | | | |

Diagram 15 – Details window when the exemption is closed



4.9. Exemption notifications

Letters and correspondence will not be sent for metering exemptions in this automated process. It is the participants responsibility to monitor and manage the exemption progress.

However new Standing Data Quality (SDQ) checks will be included into the weekly reporting to <u>MCsMetering Co-ordinators</u>, The SDQ checks will be:

- ME_EXPIRE_SOON
 - Description: Identifies metering exemptions due to expire in the next <u>21</u>44 calendar days
 - Header details: <u>Queryld, Stat_Date</u>, ParticipantID, RoleID, <u>Source</u>, <u>Table</u>, <u>ExemptionIDME_ID</u>, <u>sdrSdr_keyKey</u>_2, <u>sdrSdr_keyKey_3</u>, <u>Exemption_Start_Date</u>, <u>Exemption_End_Date</u>, <u>Field</u>, <u>ME_Status</u>, Category, Type, Nature, NMI_Qt
- ME_EXPIRED
 - Description: identifies metering exemptions that have reached the <u>expiryend</u> date and have been updated to expired
 - Header details: <u>Queryld, Stat_Date</u>, ParticipantID, RoleID, <u>Source</u>, <u>Table</u>, <u>ExemptionIDME_ID</u>, <u>sdrSdr_keyKey</u>_2, <u>sdrSdr_keyKey</u>_3, <u>Exemption</u>_Start_Date, <u>Exemption</u>_End_Date, <u>Field</u>, <u>ME</u>_Status, Category, Type, Nature, NMI_Qt
- ME_MC_CHURN
 - Description: NMI assigned to an Exemption has changed MC and is no longer exempt.
 - Header details: Queryld, Stat_Date, ParticipantId, RoleId, Source, Table, NMI_ID, ME_ID, Sdr_Key_3, Start_Date, End_Date, Field, ME_Status, Category, Type, Nature, Old_MC
- ME_T4A_REVIEW
 - Notify the <u>MC</u><u>Metering Co-ordinator</u> when an exemption with an Exemption category of Type 4A has been <u>updated to Approved</u><u>-or</u> Rejected <u>or MoreInfo</u>.
 - QueryId,Stat_Date,ParticipantId,RoleId,Source,Table,<u>NMI_ID,</u>ME_ID, <u>Sdr_Key_2</u>,Sdr_Key_3,Start_Date,End_Date, Field, ME_Status,Category,Type,Nature, <u>Old_MCNMI_Qt</u>
- ME_MAL_REVIEW
 - Notify the MC when an exemption with an Exemption category of Malfunction has been updated to Approved, Rejected or MoreInfo.
 - QueryId,Stat_Date,ParticipantId,RoleId,Source,Table, ME_ID, Sdr_Key_2, Sdr_Key_3,Start_Date,End_Date, Field, ME_Status,Category,Type,Nature, NMI_Qt

Upon approval of <u>a metering installation malfunction</u> an exemption-_all participants who are entitled under the CATS Procedures will receive a Completion Notification when the CR5101 has completed. This notification will provide the <u>metering installation malfunction</u> exemption number and expiry date.

Upon resolution, <u>or expiration</u> of a <u>metering installation malfunction</u> exemption all participants who are entitled under the CATS Procedures will receive a Completion Notification when the CR5101 has completed. This notification will remove the <u>metering installation malfunction</u> exemption number and expiry date, <u>the exemption field names will be there but with no data as per</u> standard xml format.



4.10. Transition of existing exemptions

To support the management of exemptions, AEMO will transition all metering exemptions into MSATS where the <u>expiryend</u> date of the exemption is greater than go live date. The transition will include all NMIs registered against the exemption at the time of registration.

It will be the responsibility of the participant to update any NMIs that have been actioned between the date of registration assigned to the exemption.

Participants will receive all CR5101 notifications as per the MSATS CATS procedure at transition of existing exemptions.

4.11. CSV formats

Where a user elects to load a list of NMIs via the MSATS windows the standard AEMO CSV data format standard⁹ must be used.

An example of the CSV file content is as follows:

C,PRODUCTION,METER_EXEMPTION_NMI,NEMMCO,POWERCOR,2022/04/07,22:04:05,,,,NEM,<u>0</u>, I,MEN,ACTION,NMI,PLAN_DATE,SUBSTITUTION_REQ D,MEN,NEW,1234567890,2023/08/06,Y C,END OF REPORT,4

where the ACTION can be:

- NEW: insert record
- CANCEL: update meter exemption NMI, status to 'CANCELLED'
- REMOVE: update meter exemption NMI, status to 'REMOVED'
- RESOLVE: update meter exemption NMI, status to 'RESOLVED'
- UPDATE: update meter exemption NMI

Note: the NEW action is only able to be performed during the creation of an exemption or when the exemption is in a status of <u>MoreDataMoreInfo</u>.

4.12. API Navigation

To assist participants with the automation of the exemption creation and management of metering exemptions, APIs will be published for participant use.

⁹ Refer <u>CSV Data Format https://portal.prod.nemnet.net.au/help/Content/CSVdataFormat/CSV_Format.htm</u> for more information.



4.12.1. GET_METER_EXEMPTION_LIST

This API is called to get a list of Meter Exemptions.

Access to this API is controlled by URM entity WS_GET_METER_EXEMPTION_LIST

| Method | GET |
|-----------------|---|
| Gateway URI | NEMRetail/MeterExemption/exemptionList |
| Gateway Headers | Authorization: Basic userId:password – used to get Redis session ID (SSID) and insert X-ss-id header into native request. |
| Native URI | /msats/ws/getMeterExemptionList |
| Request Content | None |
| Error Content | HTML formatted reason for non-200 response code |

Native Headers

| Parameter Name | Mandatory | Description |
|---------------------------|-----------|---|
| Accept | <u>N</u> | Identifies content types accepted by the client. |
| | | Options: |
| | | application/json |
| | | <u>text/csv</u> |
| | | Default is 'application/json'. |
| X-initiatingParticipantID | Y | Identifies which participant the user is acting for. Only Meter |
| | | Exemptions for this participant will be returned. |
| | | |
| | | Refer to the Set Participant browser function. |
| <u>X-market</u> | Ϋ́ | Identifies the market: "NEM" |
| X-ss-id | Y | Identifies a Redis session for authorisation. |
| X-transactionID | N | Unique identifier for each request.Used for logging. |
| X-market | ¥ | Identifies the market: "NEM" |
| Accept | N | Identifies content types accepted by the client. |
| | | Options: |
| | | application/json |
| | | t ext/csv |
| | | Default is 'application/json'. |

Request Query

| Parameter Name | Mandatory | Description |
|------------------------|-----------|--|
| status | N | When present, only list Meter Exemptions with the given status. |
| meterExemptionId | N | When present, only list the Meter Exemptions with that ID. |
| meterExemptionFromDate | N | When present, only list Meter Exemptions from the given date. Format YYYY-MM-DD |
| meterExemptionToDate | N | When present, only list Meter Exemptions up to the given date. Format YYYY-MM-DD |
| NMI | N | When present, only list Meter Exemptions for given NMI. |
| participantId | N | When present, only list Meter Exemptions for given participant ID. |
| | | This is only supplied when it is a NEMMCO user and they have permission to perform search. |
| | | For participant, if this parameter is supplied then it is ignored. |



Response Code

| Code | Description |
|-------------------------|---|
| 200 | Request processed successfully, list returned in JSON format. |
| 400, 401, 403, 405, 429 | Errors in headers or too many requests. |
| 500 | Request processing failed, reason for failure is returned. |

Response Content

List of Meter Exemptions, identified by meterExemptionId.

Supports two formats: CSV and JSON.

CSV

If 'Accept' = 'text/csv' then response is in CSV format

C,PRODUCTION,METER_EXEMPTION,NEMMO,POWERCOR,2022/04/07,22:04:05,,,,NEM,,

I,MEL,METER_EXEMPTION_ID,EXEMPTION_DATE,CREATE_DATE,AGE,END_DATE,STATUS,NMI_QUANTITY,PARTICI PANTID

D,MEL,123456789012345,2022/07/12,2022/08/06,14,2023/01/12,FOR REVIEW,5000,ORIGINMC

C,END OF REPORT,4

JSON

If 'Accept'= 'application/json' then response is in JSON format:

```
£
   "transactionId": "12345-abcd-27",
   "data": {
       "meterExemptions": [
              "meterExemptionId": "123456789012345",
"exemptionDate": "2022-07-12",
"createDate": "2022-08-06",
             "createpace. ____
"age": "14",
"endDate": "2023-01-12",
"status": "FOR REVIEW",
              "nmiQuantity": "5000",
"participantId": "ORIGINMC"
          }
          Н
          L
                "meterExemptions":
                <del>...{</del>
                   "meterExemption":
                   £
                   -
                     "meterExemptionId": "123456789012345",
                     "exemptionDate": "2022-07-12",
                     "createDate": "2022-08-06".
```



For JSON response, the maximum number of Meter Exemptions returned will be configured by AEMO.



4.12.2. GET_METER_EXEMPTION

This API which is called to get the following for the specified Meter Exemption:

- Participant Contact details
- Meter Exemption details
- Meter Exemption history
- Meter Exemption NMI list
 - o If NMI specified then return only that NMI details.
 - If NMI not specified then
 - For CSV response, return the complete NMI list.
 - For JSON response, the maximum number of NMIs returned is defined by configuration. currently set to 1,000.

Access to this API is controlled by URM entity WS_GET_METER_EXEMPTION

| Method | GET |
|-----------------|---|
| Gateway URI | NEMRetail/MeterExemption/exemptionDetails |
| Gateway Headers | Authorization: Basic userId:password – used to get Redis session ID (SSID) and insert X-ss-id header into native request. |
| Native URI | /msats/ws/getMeterExemption |
| Request Content | None |
| Error Content | HTML formatted reason for non-200 response code |

Native Headers

| Parameter Name | Mandatory | Description |
|---------------------------|-----------|--|
| Accept | N | Identifies content types accepted by the client. Options: application/json text/csv Default is 'application/json'. |
| X-initiatingParticipantID | Y | Identifies which participant the user is acting for. Only Meter Exemptions for this participant will be returned. Refer to the Set Participant browser function. |
| <u>X-market</u> | Ϋ́ | Identifies the market: "NEM" |
| X-ss-id | Υ | Identifies a Redis session for authorisation. |
| X-transactionID | N | Unique identifier for each request.Used for logging. |
| X-market | ¥ | Identifies the market: "NEM" |
| Accept | N | Identifies content types accepted by the client. Options: application/json text/csv Default is 'application/json'. |



Request Query

| Parameter Name | Mandatory | Description | |
|------------------|-----------|---|--|
| meterExemptionId | Y | Identifies the Meter Exemption to be retrieved. | |
| | | If participant is NEMMCO then can retrieve any Meter Exemption. | |
| | | If participant is not NEMMCO then can only retrieve a Meter Exemption for that participant. | |
| NMI | N | Identifies the NMI to be retrieved. NMI must be part of Meter Exemption. | |

Response Code

| Code | Description |
|-------------------------|--|
| 200 | Request processed successfully, response returned in requested format. |
| 400, 401, 403, 405, 429 | Errors in headers or too many requests. |
| 500 | Request processing failed, reason for failure is returned. |

Response Content

Response content can be either:

CSV

If 'Accept' = 'text/csv' then response is in CSV format and contains:

• Meter Exemption NMI list identified by meterExemptionId

C,PRODUCTION,METER_EXEMPTION_NMI,NEMMCO,POWERCOR,2022/04/07,22:04:05,,,,NEM,,

I, MEN, NMI, STATUS, PLAN DATE, SUBSTITUTION REQ, STATUS MESSGAGE

I,MEN,NMI,START_DATE,END_DATE,STATUS,PLAN_DATE,SUBSTITUTION_REQ

D,MEN,1234567890, ACTIVE,2023/08/06,Y,XYZ

D,MEN,1234567890,2022/08/06,2022/09/06,ACTIVE,2023/08/06,Y

C,END OF REPORT,4

JSON

If 'Accept'= 'application/json' or not specified then response is in default JSON format and contains:

- Participant Contact details identified by participantId
- Meter Exemption details identified by meterExemptionId
- Meter Exemption history identified by meterExemptionId
- Meter Exemption NMI list identified by meterExemptionId and NMI if supplied.

{

```
"transactionId": "12345-abcd-27",
```

"data": {

```
"participantContact":
{
    "contactName": "John Smith",
    "phoneNumber": "0123456789",
    "email": <u>john.smith@company.com</u>
}
```



```
"meterExemption":
      {
         "meterExemptionid": "123456789012345",
         "participantId": "ORIGINMC",
         "startDate": "2022-08-06",
         "endDate": "2022-09-06",
         "status": "ACTIVE",
         "statusDate": "2022-08-06",
         "exemptionDate": "2022-08-12",
         "exemptionCategory": "MALFUNCTION",
         "exemptionType": "DEFECTIVE"
         "exemptionNature": "ACCESS"
         "actionTaken": "Issue logged with Telstra. Fix ETA 13/10/2022"
         "actionReason": "Checked communications"
         "conditions": "This exemption is conditional on receipt of a plan for the rectification of the metering
         installation containing the matters referred to in section 3.2 of the Exemption Procedure – Metering
         Installation Malfunctions"
         "extendCount": "1"
      }
     "meterExemptionHistory":
      {
         "meterExemptionStatus":
          [
            {
                   "status": "MORE DATAINFO",
                  "statusDate": "2022-07-01",
                  "conditions": "This exemption is conditional on receipt of a plan for the rectification of the
                  metering installation containing the matters referred to in section 3.2 of the Exemption
                  Procedure – Metering Installation Malfunctions"
            }
          ]
      }
     "meterExemptionNMIs": [
      {
         -{
                  "NMI": "1234567890",
                  "startDate": "2022-08-06",
                  "endDate": "2022-09-06",
                   "status": "NEW",
                   "planDate": "2022-08-06",
                  "substitutionReg": "Y"
                  statusMessage': "XYZ"
     1
     }
Request Query Parameters
   Validation
```

}



- o meterExemptionId must be a valid number.
- o NMI must be alphanumeric



4.12.3. SUBMIT METER EXEMPTION

This API is called to submit a Meter Exemption payload and receive a message acknowledgment.

For NMI list payload either CSV or JSON, the maximum number of NMIs allowed is defined by configuration, currently set to 75,000.

Access to this API is controlled by URM entity WS_SUBMIT_METER_EXEMPTION

| Method | Post |
|-----------------------------|---|
| Gateway URI | NEMRetail/MeterExemption/submission |
| Gateway Headers | Authorization: Basic userId:password – used to get Redis session ID (SSID) and insert X-ss-id header into native request. |
| Native URI | /msats/ws/submitMeterExemption |
| Native Headers | See below |
| Request Query Parameters | See below |
| Request Content | See below |
| Response Codes | See below |
| Response Content | None |
| Error Content | HTML formatted reason for non-200 response code |

Native Headers

| Parameter Name | Mandatory | Description |
|---------------------------|-----------|--|
| X-initiatingParticipantID | Y | Identifies which participant the user is acting for. Only Meter Exemptions for this participant will be returned. Refer to the Set Participant browser function. |
| X-market | Y | Identifies the market: "NEM" |
| X-ss-id | Y | Identifies a Redis session for authorisation. |
| X-transactionID | Ν | Unique identifier for each request.Used for logging. |

Request Query Parameters

| Parameter Name | Mandatory | Description |
|------------------|-----------|---|
| action | Y | |
| meterExemptionId | N | When presents, identifies the Meter Exemption to be updated. If participant is NEMMCO then can update any meter exemption. If participant is not NEMMCO then can only update a meter exemption for that participant. |

Request Content

Multipart.

First part: Meter Exemption - JSON

```
{
"transactionId": "12345-abcd-27",
"data":
```



```
{
    "meterExemption":
    {
        "exemptionDate": "2022-08-12",
        "endDate": "2022-09-06",
        "exemptionCategory": "MALFUNCTION"
        "exemptionType": "DEFECTIVE"
        "exemptionNature": "ACCESS"
        "actionTaken": "Issue logged with Telstra. Fix ETA 13/10/2022"
        "actionReason": "Checked communications"
    }
}
```

Second part: NMI list – CSV or JSON

CSV

C,PRODUCTION,METER_EXEMPTION_NMI,_<u>NEMMO</u>,POWERCOR,<u>NEMMCO</u>,2022/04/07,22:04:05,,,,NEM,<u>0</u>, I,MEN,ACTION,NMI,PLAN_DATE,SUBSTITUTION_REQ D,MEN,NEW,1234567890,2023/08/06,Y C,END OF REPORT,4

JSON

where ACTION can be:

- NEW: insert record
- CANCEL: update meter exemption NMI, status to 'CANCELLED'



- REMOVE: update meter exemption NMI, status to 'REMOVED'
- RESOLVE: update meter exemption NMI, status to 'RESOLVED'
- UPDATE: update meter exemption NM

Request Query Parameters

- Mandatory parameters
 - o Check following parameters are supplied and if not then reject request.

action

- Validation
 - action must be 'NEW', 'APPROVE', 'CANCEL', 'EXTEND', 'MOREINFO', 'REJECT', 'RESOLVE', 'REVIEW' or 'UPDATE'.
 - If action = 'APPROVE', 'MOREINFO' or 'REJECT' then X-initiatingParticipantID must be 'NEMMCO'.
 - o If action = 'NEW' then meterExemptionId should not be supplied.
 - If action = 'APPROVE', 'CANCEL', 'EXTEND', 'MOREINFO', 'REJECT', 'RESOLVE', 'REVIEW' or 'UPDATE' then meterExemptionId is mandatory.
 - o meterExemptionId must be a valid number.

<u>Payload</u>

- Mandatory
 - o If action = 'NEW' or 'REVIEW' then payload must be supplied both
 - first part: Meter Exemption JSON and
 - second part: NMI list CSV or JSON
 - o If action = 'UPDATE', then payload must be supplied either
 - first part: Meter Exemption JSON or
 - second part: NMI list CSV or JSON or
 - both
 - If action = 'APPROVE', 'MOREINFO' or 'REJECT' then payload may be supplied only
 - first part: Meter Exemption JSON
 - o If action = 'CANCEL', 'EXTEND' or 'RESOLVE' then payload may be supplied
 - first part: Meter Exemption JSON or
 - second part: NMI list CSV or JSON or
 - <u>both</u>

Validation

- First part: Meter Exemption JSON
 - If action = 'NEW'
 - exemptionDate is mandatory, must be in date format 'YYYY/MM/DD' and cannot be a future date (must be today or date in the past).
 - endDate is mandatory, must in date format 'YYYY/MM/DD' and and cannot be a date in the past (must be today or date in the future).



- exemptionCategory is mandatory and must one of allowed codes.
- exemptionType is mandatory and must one of allowed codes.
- exemptionNature is mandatory and must one of allowed codes.
- actionTaken is mandatory and must be only 1500 characters long.
- actionReason is optional and must be only 1500 characters long.

Note: exemption category/type/nature are interconnected. Only certain combinations of category/type/nature are valid.

- If action = 'APPROVE', 'MOREINFO' or 'REJECT'
 - endDate is optional and if supplied must not be blank, must be in date format 'YYYY/MM/DD' and cannot be a date in the past (must be today or date in the future).
 - conditions is optional and if supplied must be only 1500 characters long.
 - No other meter exemption details are allowed.
- o If action = 'CANCEL' or 'REVIEW'
 - exemptionDate is optional and if supplied must not be blank, must in date format 'YYYY/MM/DD' and cannot be a future date (must be today or date in the past).
 - endDate is optional and if supplied must not be blank, must in date format 'YYYY/MM/DD' and cannot be a date in the past (must be today or date in the future).
 - exemptionCategory is optional and if supplied must not be blank must one of allowed codes.
 - exemptionType is optional and if supplied must not be blank must one of allowed codes.
 - exemptionNature is optional and if supplied must not be blank and must one of allowed codes.
 - actionTaken is optional and if supplied must not be blank and must be only 1500 characters long.
 - actionReason is optional and if supplied be only 1500 characters long.
 - No other meter exemption details are allowed.
- o If action = 'EXTEND' or 'RESOLVE'
 - actionTaken is optional and if supplied must be only 1500 characters long.
 - No other meter exemption details are allowed.
- If action = 'UPDATE'
 - If X-initiatingParticipantID = 'NEMMCO'
 - endDate is optional and if supplied must not be blank, must in date format 'YYYY/MM/DD' and cannot be a date in the past (must be today or date in the future).
 - conditions is optional and if supplied must be only 1500 characters long.
 - actionTaken is optional and if supplied must not be blank and must be only <u>1500 characters long.</u>
 - No other meter exemption details are allowed.



- Second part: NMI List
 - <u>o CSV</u>
 - Control records
 - First line validation
 - Must be the header 'C' Record.
 - Must match this format and contain this information:
 - C,system,report id,from,to,payload creation date, payload creation time,,,,market,payload id
 - System is mandatory and must match either uppercase 'TEST, 'PREPROD' or 'PROD'.
 - Report Id is mandatory and must be uppercase <u>'METER_EXEMPTION_NMI'.</u>
 - From Participant Id 'from' is mandatory and must match 'XinitiatingParticipantID'.
 - To Participant Id 'to' is mandatory and must be uppercase 'NEMMCO'.
 - Payload Creation Date is mandatory and must in date format <u>'YYYY/MM/DD'.</u>
 - Payload Creation Time is mandatory and must in time format <u>'HH:MM:SS'.</u>
 - Market is mandatory and must be uppercase 'NEM'.
 - Payload Id is mandatory and must not be more that 50 characters long.
 - There is no validation on the contents.
 - AEMO suggest defaulting the value to 0.
 - Last line validation
 - Must be the 'End of Report' 'C' Record.
 - Must match this format and contain this information:
 - C,end of report indicator, row count
 - End of Report Indicator is mandatory and must be uppercase 'END OF <u>REPORT.</u>
 - Row Count is mandatory and must match total rows in the CSV Payload.
 - Row Count must not be more than configurable limit, currently set to 75,000.
 - o CSV and JSON
 - Number of NMIs must not be more than configurable limit, currently set to 75,000.
 - action is mandatory and must be 'NEW', 'CANCEL', 'REMOVE', 'RESOLVE' or 'UPDATE'.
 - NMI
 - Mandatory.
 - Must be alphanumeric.
 - Must be only 10 characters long.
 - Must be unique on NMI list.



Done in backend processing

- If action = 'NEW'
 - Meter exemption action must be 'NEW' or 'REVIEW'.
 - planDate is mandatory and must in date format 'YYYY/MM/DD'.
 - subsitutionReg is mandatory and must either 'Y' or 'N'.
- If action = 'CANCEL', 'REMOVE', 'RESOLVE' or 'UPDATE'.
 - Meter exemption action cannot be 'APPROVE', 'MOREINFO' or 'REJECT'.
 - planDate is optional and must in date format 'YYYY/MM/DD'.
 - subsitutionReg is optional and must either 'Y' or 'N'.

Response Codes

| Code | Description |
|-------------------------|---|
| 200 | Request processed successfully, list returned in JSON format. |
| 400, 401, 403, 405, 429 | Errors in headers or too many requests. |
| 500 | Request processing failed, reason for failure is returned. |



5. Appendix A

5.1. Exemption Fields Values

Below is a list of values that will be configured by AEMO for the meter malfunction exemption process.

Please note: these field values are configurable in MSATS and may change over-time

5.1.1. Exemption category codes

| CODE TYPE | <u>CODE (in the</u> <u>tables)</u> | DESCRIPTION |
|--------------------|---------------------------------------|-----------------------------------|
| EXEMPTION_CATEGORY | MALFUNCTION | METERING EXEMPTION MALFUCTION |
| EXEMPTION_CATEGORY | TYPE4A | TYPE 4A (NO REMOTE COMMUNICATION) |

5.1.2. Exemption type codes

| CODE TYPE | <u>CODE(in the</u> tables) | <u>PARENT</u> CATEGORY | DESCRIPTION |
|----------------|-------------------------------|---------------------------|---|
| EXEMPTION_TYPE | DEFECTIVE | MALFUNCTION | DEFECTIVE / FAULTY METERING EQUIPMENT |
| EXEMPTION_TYPE | FAMILY | MALFUNCTION | METER FAMILY FAILURE |
| EXEMPTION_TYPE | <u>SHARED</u> | MALFUNCTION | SHARED FUSE (SHARED SUPPLY) |
| EXEMPTION_TYPE | NOPUBNWK | TYPE4A | NO PUBLIC TELECOMS NETWORK |
| EXEMPTION_TYPE | NOALTNWK | TYPE4A | NO ALTERNATIVE TELECOMS NETWORK |
| EXEMPTION TYPE | <u>ENVIRON</u> | <u>TYPE4A</u> | PHYSICAL OR ENVIRONMENTAL CONDITIONS PREVENTING REMOTE COMMS |

5.1.3. Nature of Exemption codes

| CODE TYPE | CODE (in the tables) | PARENT TYPE | DESCRIPTION |
|------------------|----------------------|-------------|--------------------------------|
| EXEMPTION_NATURE | ACCESS | DEFECTIVE | ACCESS ISSUE |
| EXEMPTION_NATURE | <u>SAFETY</u> | DEFECTIVE | SAFETY ISSUE |
| EXEMPTION_NATURE | TECHNICAL | DEFECTIVE | SITE TECHNICAL ISSUE |
| EXEMPTION NATURE | CUSTOMER | DEFECTIVE | CUSTOMER WORK/UPGRADE REQUIRED |



| CODE TYPE | CODE (in the tables) | PARENT TYPE | DESCRIPTION |
|------------------|----------------------|-----------------|--------------------------------|
| EXEMPTION_NATURE | ACCESS | FAMILY | ACCESS ISSUE |
| EXEMPTION_NATURE | <u>SAFETY</u> | FAMILY | SAFETY ISSUE |
| EXEMPTION_NATURE | TECHNICAL | FAMILY | SITE TECHNICAL ISSUE |
| EXEMPTION_NATURE | <u>CUSTOMER</u> | FAMILY | CUSTOMER WORK/UPGRADE REQUIRED |
| EXEMPTION NATURE | ACCESS | <u>SHARED</u> | ACCESS ISSUE |
| EXEMPTION_NATURE | <u>SAFETY</u> | <u>SHARED</u> | SAFETY ISSUE |
| EXEMPTION_NATURE | TECHNICAL | <u>SHARED</u> | SITE TECHNICAL ISSUE |
| EXEMPTION NATURE | <u>CUSTOMER</u> | <u>SHARED</u> | CUSTOMER WORK/UPGRADE REQUIRED |
| EXEMPTION_NATURE | ACCESS | <u>NOPUBNWK</u> | ACCESS ISSUE |
| EXEMPTION NATURE | TECHNICAL | NOPUBNWK | SITE TECHNICAL ISSUE |
| EXEMPTION_NATURE | ADMIN | NOPUBNWK | MC ADMIN ISSUE |
| EXEMPTION_NATURE | ACCESS | <u>NOALTNWK</u> | ACCESS ISSUE |
| EXEMPTION_NATURE | TECHNICAL | <u>NOALTNWK</u> | SITE TECHNICAL ISSUE |
| EXEMPTION_NATURE | CUSTOMER | <u>NOALTNWK</u> | CUSTOMER WORK/UPGRADE REQUIRED |
| EXEMPTION_NATURE | ADMIN | NOALTNWK | MC ADMIN ISSUE |
| EXEMPTION_NATURE | ACCESS | ENVIRON | ACCESS ISSUE |
| EXEMPTION NATURE | <u>SAFETY</u> | ENVIRON | SAFETY ISSUE |
| EXEMPTION_NATURE | TECHNICAL | ENVIRON | SITE TECHNICAL ISSUE |
| EXEMPTION NATURE | CUSTOMER | ENVIRON | CUSTOMER WORK/UPGRADE REQUIRED |
| EXEMPTION_NATURE | ADMIN | ENVIRON | MC ADMIN ISSUE |

5.1.4. Exemption Status codes

| CODE TYPE | | DISPLAYDESCRIPTION |
|------------------|--------|---------------------------|
| EXEMPTION STATUS | NEW | NEW |
| EXEMPTION STATUS | ACTIVE | ACTIVE |



| CODE TYPE | | DISPLAY DESCRIPTION |
|------------------|-----------|---------------------|
| EXEMPTION STATUS | REVIEW | FOR REVIEW |
| EXEMPTION STATUS | MOREINFO | MORE INFO |
| EXEMPTION STATUS | CANCELLED | CANCELLED |
| EXEMPTION STATUS | RESOLVED | RESOLVED |
| EXEMPTION STATUS | EXPIRED | EXPIRED |
| EXEMPTION STATUS | REJECTED | REJECTED |

5.1.5. Exemption NMI Status codes

| CODE TYPE | CODE in the tables) | DISPLAY DESCRIPTION |
|---------------|---------------------|---------------------|
| NMI_ME_STATUS | NEW | NEW |
| NMI_ME_STATUS | ACTIVE | ACTIVE |
| NMI_ME_STATUS | REJECTED | REJECTED |
| NMI_ME_STATUS | CANCELLED | CANCELLED |
| NMI ME STATUS | RESOLVED | RESOLVED |
| NMI_ME_STATUS | REMOVED | REMOVED |
| NMI_ME_STATUS | MCCHURN | MC CHURN |
| NMI_ME_STATUS | EXPIRED | EXPIRED |



6. Appendix B

Email Templates

New Exemption Application:

Subject: New Exemption Application – Exemption Number xxxxx

<u>Hi AEMO,</u>

Please find attached relevant additional documentation for the above exemption application. Should you need any further information please do not hesitate to contact me.

Rregards

Exemption Extension Application

Subject: Exemption Extension Application – Exemption Number xxxxx

Hi AEMO,

Please find attached relevant additional documentation for the above exemption extension application.

Should you need any further information please do not hesitate to contact me.

Rregards

Note:

<u>The supporting documents/evidence required (additional information) for the different types of</u> <u>exemption application is below. This list is a minimum list and AEMO may request other information.</u>

1. Types 4 (small), 5 & 6

MP Rectification plan/s

2. Type 1-4 (Large)

- MP Rectification Plan
- Copies of field/ test reports
- Correspondence with FRMP and customers
- MDP Action Plan
- 3. Type 4A (manually read)
 - MP Comms signal assessment report/ form
 - Site photos (i.e., meter, antenna, basement, switchboard etc.)
 - Telecoms Network maps 3G, 4G, 5G (Telstra, Vodafone etc.)
 - Telecoms Network plans



Version release history

| V | ersion | Effective Date | Summary of Changes | |
|----|--------|---|---|--|
| 1. | .0 | <u>4 March 2024</u> 1 November 2023 | Creation of Guideline to support the integration of Exemptions into MSATS | |