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MP169 ‘Managing the Consumer’s Refusal of a Smart Meter’

Annex G

Legal text – version 0.1

About this document

This document contains the redlined changes to the SEC that would be required to deliver this Modification Proposal.

Section A ‘Definitions and Interpretation’

These changes have been redlined against Section A version 47.0.

Add Section A1 ‘Definitions’ as follows:

<u>Restricted</u>	<u>means a term to describe when a Device is subject to a limited set of capabilities due to consumer choice.</u>
<u>Restricted Attribute</u>	<u>means the functionality in the Smart Metering Inventory which can be used to subject a Device to a limited set of capabilities due to consumer choice.</u>
<u>Restricted Attribute List</u>	<u>means the list of Service Reference Variants which are allowed to a Device which has the Restricted Attribute applied which is managed by the Operations Group.</u>

Section H 'DCC Services'

These changes have been redlined against Section H version 29.0.

Add Section H18 'Restricted Attribute':

H18. RESTRICTED ATTRIBUTE

Obligations on Users

- H18.1 Where the Energy Consumer for that Smart Metering System has informed the responsible Supplier, they wish for their Device to have the Restricted Attribute made active, the Supplier shall inform the DCC to set the Restricted Attribute to True in the Smart Metering Inventory.
- H18.2 Where the Restricted Attribute has been set to True and the Supplier is limited in the Service Requests they can send to the Device, should the SRV not be included in the Restricted Attribute Allowed List
- H18.3 Prior to informing DCC that the Restricted Attribute should be set to true, the Supplier must complete all reasonable steps to ensure the Smart Metering System is communicative in line with SEC Appendix AC 'Inventory Enrolment and Decommissioning Procedures'.
- H18.4 The Restricted Attribute Allowed List shall be managed by the OPSG.
- H18.5 Where a User becomes aware that a Change of Tenancy has occurred, they shall make the DCC aware as soon as practically possible.

Obligations on the DCC

- H18.6 Linked to H18.1, the DCC shall, when informed by Suppliers, ensure a Device is set to Restricted in the Smart Metering Inventory within 1 Working Day.
- H18.7 Linked to H18.5, where the DCC is made aware of a Change of Tenancy where the Restricted Attribute is set to true, it shall change the status of the Restricted Attribute to false within 1 Working Day.

Appendix AD ‘DCC User Interface Specification’ (DUIS)

These changes have been redlined against Appendix AD version 10.0.

Amend Section 1.3 as follows:

1.3 Defined Terms

Restricted means a term to describe when a Device is subject to a limited set of capabilities due to consumer choice.

Amend Section 3.2.4 as follows:

3.2.4 Authorisation

The DCC shall verify that the User has permission to send the Service Request or Pre-Command as per the following steps and where authorisation checks are failed the following Response Code shall be added by the DCC to the Service Response that is sent to the sending User;

Authorisation Check	Process	Response Code
...	...	...
<u>Verify that the Service Request or Signed Pre-Command is allowed to be sent to the Device if that Device is recorded in the Smart Metering Inventory as Restricted.</u>	<u>This check is only applied if the Device is recorded in the Smart Metering Inventory as Restricted. The Service Reference Variant is checked against the allowed list of Service Reference Variants that can be sent to a Device which is Restricted.</u>	<u>E72</u>

Table 22 : Authorisation checks

Amend Section 3.5.10 as follows:

3.5.10 Service Response codes generated by DCC

The Response Codes consists of a letter prefix followed by a unique number (defining the specific procedure to be undertaken in response to the Response Code). The Response Code letter is either;

- Information - Prefix 'I'
- Error - Prefix 'E'
- Warning - Prefix 'W'
-

Please see the DCC's Error Handling Strategy for further details on error handling.

Response Code	Response Code Name	Response code type	Description	Applicable to response types	Error Handling Strategy procedure
I0	Success	Information	Request has had a successful outcome	All except Acknowledgement	N/A
...	...	...	...	...	...
<u>E72</u>	<u>Failed authorisation – Device is Restricted</u>	<u>Error</u>	<u>Device is Restricted and the Service Reference Variant is not allowed</u>	<u>Acknowledgement</u>	<u><tbd></u>
E100	Failed Authentication	Error	Request failed Authentication (as per checks in clause 3.2.3 Message Authentication)	Acknowledgement	U1

Table 36 : DCC Systems Response Codes

Amend Section 3.8.76.3 as follows:

3.8.76.3 Specific Validation for this Request

See clause 3.2.5 for general validation applied to all Requests and clause 3.10.2 for Execution Date Time and Public Security Credentials validation.

For this Service Request and as an exception, the Authorisation Check associated to E5 allows the Device's SMI Status to be 'Suspended'.

Response Code	Response Code Description
E062301	Invalid MPxN - The MPxN included in the Request does not match the Primary Import MPxN associated to the Device in the Smart Metering Inventory
E062302	Invalid Supplier Prepayment Top Up Floor Seq Number - The Supplier Prepayment Top Up Floor Seq Number data item is not applicable to the Device Type or has not been included where it is applicable to the Device Type
E062303	Device Type / Certificate Type mismatch - The Certificate Type is not applicable to the Device Type or not all Certificate Type applicable to the Device Type have been included in the Request or a certificate with an incorrect key usage has been provided for a Certificate Type
E062304	User / Certificate mismatch - At least one of the Certificates included in the Request Body does not correspond to the User submitting the Request or a certificate with an incorrect Remote Party Role has been provided for a replacement Certificate
E062305	CoS Party / Certificate mismatch - The target Device holds a CoS Certificate in the CoS Party Trust Anchor Cell that is not an active CoS Party Certificate
E062306	Incorrect MPID - The MPID (Market Participant ID) included within the Certificate that is used to sign the Request does not correspond to the Registered Supplier for the MPxN associated with the Device
<u>W062301</u>	<u>The target Device is currently recorded in the Smart Metering Inventory as Restricted</u>

Amend Section 3.8.76.3 as follows:

3.8.104.4 Specific Data Items in the Response

This Service Response is defined in the XSD ResponseMessage DSPInventory XML element, which contains the DSP Inventory details applicable to a single premises or Device.

The DCC shall return the following data items which are specific to this Service Response:

Data Item	Description / Values	Type	Mandatory	Default	Units
Device	Minimum 1 and maximum 17 Devices	sr:Device maxOccurs = 17	Yes	None	N/A
Per Device (complex type sr:Device) found at that Smart Metering System:					
...	...	...	...	...	...
<u>Restricted</u>	<u>An indicator of whether this Device is marked as Restricted</u>	<u>xs:boolean</u>	<u>No</u>	<u>None</u>	<u>N/A</u>

Table 227 : Device (sr:Device) data items