

DCC Guidance Note

Meter Point DCC Service Flag



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1.1 Meter Point DCC Service Flag

This Guidance Note provides details of the circumstances in which the DCC Service Flag of a Meter Point is updated and notified to Registration Data Providers (RDPs).

This information should be read in conjunction with SEC Appendix X Registration Data Interface Specification which describes the interface for notifying this information to RDPs.

1.2 DCC Service Flag Updates - Electricity

Each calendar day the DCC Data Systems pushes a file to each RDP containing DCC Service Flag updates for that day for the relevant Meter Points (MPANs) registered with that RDP.

The valid values for the DCC Service Flag contained in these files are as follows:

- I – Installed Not Commissioned
- A – Active
- N – Non-active

The DCC Service Flag value for a Meter Point is set according to changes in the Device Status held in the Smart Metering Inventory for the ESME associated with that Meter Point.

For an Electricity Smart Metering System with a single ESME then the DCC Service Flag value for that MPAN will be updated as follows based on the Device Status of that ESME.

Device Status	DCC Service Flag
Pending	<i>None – not yet notified</i>
Whitelisted	<i>None – not yet notified</i>
Installed Not Commissioned	I – Installed Not Commissioned
Commissioned	A – Active
Suspended, Recovery or Recovered	No change. Remains at I or A.
Decommissioned	N – Non-active
<i>Withdrawn</i>	<i>< no longer applicable ></i>

Notes:

1. If a newly installed ESME transitions from Pending to Installed Not Commissioned and then to Commissioned in a single calendar day then only the final DCC Service Flag value of A (Active) will be included in that day's notification to the RDP.
2. The RDP is only notified of changes to the DCC Service Flag value. So, a Device that enters or leaves the Suspended, Recovery or Recovered state does not trigger any change to the DCC Service Flag and will not be notified to the RDP.

Where an Electricity Smart Metering System has a single ESME with a Secondary Import MPAN or Export MPAN then these MPANs will be notified individually and will have a DCC Service Flag value that mirrors the DCC Service Flag value of the Primary Import MPAN.

Where an Electricity Smart Metering System has more than one ESME associated with the same MPAN then the DCC Service Flag value for that MPAN will be set as follows based on the combination of Device Status of each ESME:

- If at least one ESME has a Device Status of Commissioned then the DCC Service Flag will be A (Active);
- If all ESMEs have a Device Status of Decommissioned then the DCC Service Flag will be N (Non-active);
- Otherwise, if all remaining ESMEs (those not Decommissioned) have a Device Status of Installed Not Commissioned then the DCC Service Flag will be I (Installed Not Commissioned).

Note: For a Device with a Device Status of Suspended, Recovery or Recovered only the Device Status prior to entering that state is considered in the rules above for combining Device Status values.

Where an Electricity Smart Metering System has more than one ESME but the ESMEs are associated with different MPANs then the DCC Service Flag value will be evaluated and notified independently for each MPAN.

Where an Electricity Smart Metering System has more than one ESME and there are associated Secondary Import MPANs or Export MPANs then the DCC Service Flag value of each MPAN is evaluated and notified individually. For example, where an Electricity Smart Metering System exists with two ESMEs but only one ESME is associated with an Export MPAN then the DCC Service Flag value for that Export MPAN will be determined solely by the Device Status of the ESME which is associated with that Export MPAN.

Finally, note that for the purposes of evaluating and notifying DCC Service Flag values all Devices with Device Type ESME are included in the rules above and this includes Devices with an ESME Variant which identifies a SAPC Device.

1.3 DCC Service Flag Updates - Gas

Each calendar day the DCC Data Systems pushes a file to Xoserve containing DCC Service Flag updates for any Meter Points (MPRNs) updated on that day.

The valid values for the DCC Service Flag contained in these files are as follows:

- I – Installed Not Commissioned
- A – Active
- N – Non-active

The DCC Service Flag value for a Meter Point is set according to changes in the Device Status held in the Smart Metering Inventory for the Smart Meter associated with that Meter Point.

For a Gas Smart Metering System with a single GSME then the DCC Service Flag value for that MPRN will be set as follows based on the Device Status of that GSME.

Device Status	DCC Service Flag
Pending	<i>None – not yet notified</i>
Whitelisted	<i>None – not yet notified</i>
Installed Not Commissioned	I – Installed Not Commissioned
Commissioned	A – Active
Suspended, Recovery or Recovered	No change. Remains at I or A.
Decommissioned	N – Non-active
<i>Withdrawn</i>	<i>< no longer applicable ></i>

Notes:

1. If a newly installed GSME transitions from Pending to Installed Not Commissioned and then to Commissioned in a single calendar day then only the final DCC Service Flag value of A (Active) will be notified in that day's notification to Xoserve.
2. Xoserve is only notified of changes to the DCC Service Flag value. So, a Device that enters or leaves the Suspended, Recovery or Recovered state does not trigger any change to the DCC Service Flag and will not be notified to Xoserve.

Appendix –Document Control

Revision History

Revision Date	Summary of Changes	Version Number
17/01/22	First version	0.1
04/03/22	Clarifications after Service User and SECAS feedback	0.21