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MP102B 'Power Outage Alerts triggered by an OTA firmware upgrade - enduring solution'

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.

This document contains the changes required to deliver the Proposed Solution.

Section F 'Smart Metering System Requirements'

These changes have been redlined against Section F version 11.0.

Amend Section F4.9 and add Sections F4.9A and F4.9B as follows:

Communications with Communications Hubs by DCC over the SM WAN

F4.8 Except where expressly permitted or obliged by this Code, the DCC shall ensure that the only Devices with which it communicates over the SM WAN are those listed in the Smart Metering Inventory. Where a Communications Hub Function or Gas Proxy Function has an SMI Status of 'suspended', the DCC shall only initiate a communication with that Device (where it is the target device) if following the successful execution of such communication the DCC can reasonably expect that the associated Communication Hub's Device Model will become one that is listed on the Central Product List.

F4.9 Except in the circumstances described in Section 0~~F4.9B~~, w~~W~~here the DCC receives a~~n~~ Power Outage Event (AD1) Alert from a Communications Hub Function indicating that no power supply has been available to that Communications Hub Function for a period of at least three minutes, the DCC shall send a copy of the Alert to the Import Supplier (if any) and Electricity Distributor (if any) for that Communications Hub Function.

F4.9A The DCC shall maintain a list of Devices which are known to cause a Communications Hub Function to send a Power Outage Event (AD1) Alert for a short period (of greater than three minutes) following commencement of a firmware update.

F4.9B In relation to Devices on such list, in the case of a no Power Outage Event (AD1)Alert being received by the DCC within the period of 30 minutes following commencement of a firmware update, the DCC shall not send a copy of the Alert to the Import Supplier or the Electricity Distributor (but the DCC shall record and store details of the Alert, including its suppression in accordance with this Section F4.9B).