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DP295 'Amendment to SMETS1 Cache Solution'

Annex A

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.

Appendix AM – SMETS1 Supporting Requirements

These changes have been redlined against Appendix AM version 1.0

Amend 18.21 Retrieve Import Daily Read Log (SRV 4.6.1) as follows:

- (a) The provisions of Clauses 18.17 18.17(b) to 18.17 18.17(c) apply to this Service Request
- (b) Where the target SMETS1 ESME or SMETS1 GSME may record such Daily Read Log (with its SMETS1 meaning) entries after midnight UTC then the SMETS1 Response may contain Timestamps (with their MMC meanings) reflecting the delayed recording.
- (c) Where the SMETS1 GSME takes snapshots at 23:00 UTC during the period of British Summer Time then any log entries for such periods will have such a corresponding 23:00 UTC timestamp.
- (d) The provision of Clause 18.17(e) apply to this Service Request.
- (e) Where the target SMETS1 GSME resets the TariffBlockCounterMatrix (with their Message Mapping Catalogue meaning) before taking a Billing Calendar (with its SMETS1 meaning) snapshot and this is the last day of the billing period then:
 - (i) Outside of British Summer Time the TariffBlockCounterMatrix values (with their MMC meaning) will all be 0; and
 - (ii) During British Summer Time the TariffBlockCounterMatrix will only reflect consumption for 23 of the 24 hours of the day.
- (f) Where, pursuant to Clause 18.21(c), the time period specified in the Service Request includes the Timestamp of 00:00 of the current day and the current day is within BST and the Device processes the Service Request before 23:00 UTC, the target SMETS1 GSME will return a LogEntry with a Timestamp of 00:00 that will reflect the same consumption as recorded where the Timestamp is 23:00 (with their MMC meanings).
- (g) The provisions of Clause 18.17(j) also apply to this Service Request.
- (h) The provisions of Clause 18.17(m) also apply to this Service Request.
- (i) The provisions of Clause 18.17(n) also apply to this Service Request.
- (j) The provisions of Clause 18.17(o) also apply to this Service Request.
- (k) Where the target SMETS1 ESME has an active DSP Schedule (with its DUIS meaning), the S1SP will cache the Daily Read Log (with its SMETS1 meaning) that contains entries from the previous day and up to 03:00 of the current day to populate the contents of a SMETS1 Response to any subsequent Service Request from any Party until such time as the DSP Schedule (with its DUIS meaning) is removed. Any data that is cached as a result of this clause will be stored for a maximum period of 25 hours.

Amend 18.22 Retrieve Active Import Profile Data (SRV 4.8.1) as follows:

- (a) Where the target SMETS1 GSME or SMETS1 GPF does not return any LogEntry (with its MMC meaning) where the StartDateTime is later than the DateCommissioned (with their DUIS meanings) of the target Device, then the S1SP shall return a Response without any LogEntry.
- (b) Not Used.
- (c) Not Used.
- (d) Not Used.
- (e) Pursuant to clause 18.9(d), where the target SMETS1 ESME, has deleted the data from the device, the only LogEntries (with its MMC meaning) returned in the SMETS1 Response will be those after the restriction has been applied unless there has been an active DSP Schedule for this service request that covers part of the ReadLogPeriod (with its DUIS meaning), in which case this data may be returned.
- (f) Where the target SMETS1 GSME does not support the reading of more than 24 hours' worth of data and the ReadLogPeriod (with its DUIS meaning) is greater than 24 hours then the S1SP shall return a SMETS1 Response with 48 LogEntries (with its MMC meaning) where the Timestamp of the first LogEntry (with their MMC meanings) will be equal to or later than the specified StartDateTime (with its DUIS meaning) in the request.
- (g) The provisions of Clause 18.17(o) also apply to this Service Request.
- (h) Where the target SMETS1 ESME has an active DSP Schedule (with its DUIS meaning), the S1SP will cache the Profile Data Log (with its SMETS1 meaning) that contains entries from the previous day and up to 03:00 of the current day to populate the contents of a SMETS1 Response to any subsequent Service Request from any Party until such time as the DSP Schedule (with its DUIS meaning) is removed. Any data that is cached as a result of this clause will be stored for a maximum period of 25 hours.

Amend 18.24 Read Export Profile Data (SRV 4.8.3) as follows:

- (a) Not Used.
- (b) Not Used.
- (c) Not Used.
- (d) The provisions of clause 18.22(d) apply to this Service request.
- (e) The provisions of Clause 18.17(o) also apply to this Service Request.
- (f) Where the target SMETS1 ESME has an active DSP Schedule (with its DUIS meaning), the S1SP will cache the Profile Data Log (with its SMETS1 meaning) that contains entries from the previous day and up to 03:00 of the current day to populate the contents of a SMETS1 Response to any subsequent Service Request from any Party until such time as the DSP Schedule (with its DUIS meaning) is removed. Any data that is cached as a result of this clause will be stored for a maximum period of 25 hours.

