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SECMP0015 'GPF Timestamp for Reading Instantaneous Gas values'

Annex B

Legal text – version 0.2

About this document

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

These changes have been drafted against SEC Version 5.20.

Schedule 8 'GB Companion Specification' version 3.1

Add the following to the end of Section 10.4.2.11:

'For clarity, the GSME shall update *ReadingSnapshotTime* to the UTC time of the GSME's clock whenever the GSME updates the *CurrentSummationDelivered* attribute. Where the GSME does not provide a *ReadingSnapshotTime* attribute value, the GPF shall set the value of its *ReadingSnapshotTime* attribute to be 0xFFFFFFFF (meaning invalid time in ZigBee), and shall record that the value was not provided by the GSME.'

Add the green highlighted rows in the embedded document to Table 7.4:

GBCS Table 7 4 addition for SECMP(

Add the underlined text to the following row in Table 7.2.7:

Yes	Length	0x00 where no date / time is required in this Message 0x0C where a date / time field is required	1	Where date-time is not required for a Message, it shall be a 0 octet string as per the DLMS specification Where date-time is required for a Message, it shall be a 12 octet string as per the DLMS specification. See 'date-timestamp in response' column, 'Use Case reference' tab in Mapping Table.
Yes	Value	Either empty or a 12 character octet-string containing the date-time stamp for this Response	0 or 12	<u>If (1) this is a Response from a GPF in one of Use Cases GCS13a, GCS13b, GCS13c, GCS14 or GCS60, and (2) the GPF has a valid value stored for the *ReadingSnapshotTime* reported by the GSME, then that date-time shall be used to construct the value in this field, with bit 2 of clock status being set to 0b1 to show 'different clock base', since the GSME's clock is a different timing source than the</u>

				GPF's normal timing source (the CH Clock). Otherwise, where a value is required by the Use Case, the field shall be populated using the date-time in the Device's clock, and bit 2 set to 0b0 (since the time source is the Device's Clock).

Schedule 9 'SME Technical Specification 2'

Add the following Section '4.6.5.22' to require the GSME to maintain the additional Operational Data Item:

4.6.5.22 Instantaneous Values Last Update Date and Time

The date and time at which, according to GSME's Clock, the consumption Register (4.6.5.4) was last updated.

Schedule 10 'CH Technical Specification'

Add the following entry to the end of the bullet pointed list in Section 4.5.3:

xxxvi. Instantaneous Values Last Update Date and Time