Market Code Schedule 16

Code Subsidiary Document No. 0203

Meter Read Submission: Validation

Version: 1.5

Date: 27/09/2010

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## Change History

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<tr>
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<th>Reason For Change</th>
<th>Change Control Reference</th>
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<td>MCCP020</td>
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<td>Validation on I Read</td>
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1. Purpose and Scope

This document sets out the validation process performed by the CMA on receipt of Meter Reads, to ensure that the Meter Reads are fit for use in the Settlement Process. Where a Meter Read does not meet these validation requirements, the CMA will notify the Licensed Provider or Scottish Water as appropriate that further investigation is required.
2. Meter Read Submission Validation Description

This process will be run by the CMA on the receipt of Meter Read Submissions in the form of Data Transactions T005.0, T005.1 and T017.0 in accordance with CSD 0202 (Meter Read Submission: Process). All Meter Reads submitted must contain the Data Items set out against the relevant Data Transaction in the Data Transaction Catalogue.

Meter Read Types are set out in CSD 0202.

Under Section 5.10 of the Market Code, validation requires to be carried out in respect of:

- registration and content validation;
- treatment of duplicate data;
- Volume validation.

2.1 Registration and Content Validation

The purpose of this validation is to ensure that the combination of Licensed Provider, SPID and Meter ID is a valid Registration combination. If the provider of the Meter Read is Scottish Water, then only the SPID and Meter ID combination needs to be validated against SPID Data.

The validation also checks that the Data Transaction content is valid (e.g. the Meter Read value is not unpopulated) and that the Meter Read date is not a date which is later than the date of submission of the Meter Read or earlier than the date of a previous Meter Read. Appendix 1 sets these out in detail.

2.1.1 Treatment of meters created since the market opening

For meters created since market opening using the notify meter details processes (Data Transactions T004.0, T004.2 T004.3) no read (other than an Opening Read) will be accepted without the presence of an I read. Meter Reads sent using Data transaction T005.0 to such meters where no I Read is present will be rejected by the CMA. The CMA will send a Data Transaction T009.0 with the Error Code DF ‘Effective from date predates previous change’.
2.1.2 Treatment of duplicate date Meter Reads

If more than one Meter Read is provided for any single read date for the same Meter ID, the CMA will check the later Meter Read Submission for duplication of data with the previously validated Meter Read Submission. Any difference will be reported on Data Transaction T009.0 or T009.1 (Error Notification) by the CMA for the later Meter Read Submission and the earlier Meter Read will be used in the Settlement process. Where a Licensed Provider or Scottish Water wishes to replace the earlier Meter Read, it should follow CSD0105 (Error Rectification & Retrospective Amendments).

Error Notification is provided as set out in the table below.

<table>
<thead>
<tr>
<th>Meter ID</th>
<th>Read Date</th>
<th>Read Type</th>
<th>Read Value</th>
<th>Outcome</th>
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</thead>
<tbody>
<tr>
<td>Both Meter Ids identical</td>
<td>Both Read Dates Identical</td>
<td>Both Read Types Identical</td>
<td>Both Read Values Identical</td>
<td>Ignore the second read as it is identical</td>
</tr>
<tr>
<td>Both Meter Ids identical</td>
<td>Both Read Dates Identical</td>
<td>Both Read Types Identical</td>
<td>Read Values Differ</td>
<td>Error notification sent with Error Code = BF</td>
</tr>
<tr>
<td>Both Meter Ids identical</td>
<td>Both Read Dates Identical</td>
<td>Read Types differ</td>
<td>Both Read Values Identical</td>
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<td>Both Meter Ids identical</td>
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<td>Read Types differ</td>
<td>Read Values Differ</td>
<td>Error notification sent with Error Code = BF</td>
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</tbody>
</table>

2.1.3 Pseudo Meters

For a Pseudo Meter, Registration validation will include verification that only permitted Meter Read Types are submitted. Only the Read Types Initial and Final are applicable and all other Read Types will not be accepted.

Meter Read Types that are not permitted will be rejected as follows:

i. A Data Transaction T005.1 (Meter Read) submitted by the Licensed Provider will be rejected using Error Code DI 'Transaction Not permitted'. For the avoidance of doubt, a T005.1 containing any of the following Meter Read Types will be rejected:
   - C: Regular Cyclic Read;
   - U: Customer Read; and
   - T: Transfer Read
ii. A Data Transaction (Meter Read) T005.0 submitted by Scottish Water containing any of the following Meter Read Types will be rejected using Error Code ‘AT’ (Meter Read Rejected: Read Type inappropriate):
   X: (Temporary Disconnection Read); and
   Y: (Reconnection Read).

iii. A Data Transaction T017.0 (Notify Meter Swap), that is Meter Read Types E (End Read) and O (Opening Read) submitted by Scottish Water will be rejected using Error Code ‘DI’ (Transaction not permitted).