

Change Proposal – F40/01

CP No: 951

Version No: 3

Title *(mandatory by originator)*

Changes and Clarifications to Half Hourly Data Aggregation defaulting rules

Description of Problem/Issue *(mandatory by originator)*

Remove ambiguities in BSCP503 and PSL150 for the following activities relating to the use of default values and Export consumption, that are carried out by Half Hourly Data Aggregators (HHDA):

- It is not clear when the HHDA should use default values, BSCP503 states “when consumption data is expected but not received” PSL150 states “when half hourly values are missing”;
- It is not clear what the HHDA does when consumption data is expected but not received, as these are “default” values and not “estimated” values;
- It is not clear what the default consumption value is for Half Hourly Export Metering Systems, it should be zero;
- It is not clear that the HHDA should aggregate data for both Import and Export Metering Systems;
- It is not clear that losses should be added to the default values submitted into Settlements; and
- It is not clear how the default value from the EAC of Last Resort for Import Metering Systems should be derived.

Proposed Solution(s) *(mandatory by originator)*

1. Changes to PSL150 ‘Half Hourly Data Aggregation’

Modify clause 5.1.14 to clarify the following functional requirements;

- There are rules for both Import and Export Metering Systems and these are defined in BSCP503, para 4.3 c).
- The term “missing” should be revised in line with para 4.3 (c) in BSCP503 to say “expected but are not received”; and
- The clause should also be changed to say “for default purposes” rather than “for estimation purposes” so that it is clear that this is not an estimate of the Metering Systems consumption.

As the functional requirements have been updated, the obligation in 1.6.2.1 should also be updated to clarify that the HHDA is aggregating both Import and Export consumption;

Example of drafting (based on version 3.0):

1.6.2.1 The Half Hourly Data Aggregator shall aggregate the half hourly import and / or export energy consumption data in accordance with BSC Procedure BSCP503.

5.1.14 If during an aggregation run the half hourly values are missing expected but not received for either an Import or an Export SVA Metering System, the Half Hourly Data Aggregator shall record and use for default estimation purposes those values provided by the SVAA determined in accordance with BSCP503.

2. Changes to BSCP 503 ‘Half Hourly Data Aggregation for SVA Metering Systems Registered in SMRS’

Section 4.3 c) should be modified to include the following:

- The rules for deriving default values for Export Metering Systems should be such that the HHDA applies a default value of zero when the reading is expect but not received, i.e. When a D0235 – 998 exception is produced;
- LLFs should be applied to any default values submitted to Settlements;
- The value being derived is the “default consumption” and not the “estimated consumption”; and
- default consumption values for Import SVA Metering Systems should be calculated by the HHDA by equally dividing the HH Default EAC (currently 1500 MWh) equally over the year i.e. 1500/17520 irrespective of leap years. Rounded to the nearest kWh.

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Example of drafting (based on version 4.0):

c) Consumption Data Expected but not Received

Check for any SVA Metering Systems, for which a consumption value is expected, that have not had a complete set of consumption values supplied by the correct HHDC - whether a partial set of values has been received, or no values at all. If SVA Metering Systems have missing consumption they may simply be de-energised. Therefore, check their Energisation Status before confirming this anomaly.

Record this data anomaly for reporting purposes and derive, and use in the aggregation process, estimated default consumption values as follows;

- For Import SVA Metering Systems the HHDA should equally divide based upon the HH Default EAC, provided in Market Domain Data, over the year, irrespective of leap years. This should be rounded to the nearest kWh; and and use in the aggregation process. ie.

$$\underline{\hspace{2cm}} \text{ Default Value} = \frac{\text{HH Default EAC}}{\text{Settlement Periods in non leap year}^{\text{xx}}} = \frac{\text{HH Default EAC}}{17520}$$

- For Export SVA Metering Systems the Half Hourly Data Aggregator should use a value of zero.

LLFs should be applied to any default values for SVA Metering Systems submitted to Settlements

Report full details of any such anomalies to the HHDC and Supplier.

Footnote: Always use the number of periods in a non leap year even during a leap year

Justification for Change (*mandatory by originator*)

The existing rules state that a default should be applied to any SVA Metering System and does not differentiate between Import and Export Metering Systems. The impact of this is that there is a reverse incentive as the Supplier hub may feel that it is more beneficial to have default Export values rather than actual Export values.

Also currently the rules are not clear on how the default value is calculated, and how it should be applied, therefore it has been necessary to add clarity in this area.

Configurable Items Potentially Affected by Proposed Solution(s) (*optional by Originator*)

Business Process Model

Impact on Core Industry Documents (*optional by originator*)

None

Related Changes and/or Projects (*mandatory by BSSCo*)

None

Requested Implementation Date (*mandatory by originator*)

As soon as appropriate, opportune.

Reason:

Agreed Release/Implementation Date (*mandatory by BSSCo*)

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