

**Redlined BSCP505 for CP1408 ‘Excessively Large EAC/AA Control Points’.**

The CP proposes changes to BSCP505 section 4.2.6.

We have redlined these changes against Version 17.0.

#### 4.2.6 NHHDC consumption data

The instruction is validated to ensure that:

- (i) applying the instruction will not result in the SVA Metering System being without (in the NHHDC's view) a Registration, Profile Class, Standard Settlement Configuration, Measurement Class, Energisation Status or GSP Group at any time during any of the NHHDC's view of its Meter Advance Consumptions or Estimated Annual Advances;
- (ii) there is not an existing Meter Advance Consumption which begins prior to the significant date and ends on or after the significant date which is not also contained in the instruction;
- (iii) that none of the following change during a Meter Advance Period:
  - (a) Standard Settlement Configuration;
  - (b) Energisation Status;
  - (c) Registration;
  - (d) Measurement Class.
- (iv) for the sets of AA details for the SVA Metering System:
  - (a) that the Effective From Settlement Date is less than or equal to the Effective To Settlement Date;
  - (b) that the set of AAs are for the set of Time Pattern Regimes associated with this NHHDC's view of the SVA Metering System's Standard Settlement Configuration;
  - (c) that the meter advance periods for the sets of AA details do not overlap;
  - (d) that they all overlap or start on or after the significant date;
  - (e) that if one has a start date before the significant date, the rest must have start dates after the significant date;
  - (f) that none of the set of AAs exceed a consumption threshold value, configurable through NHHDA software;
- (v) for the sets of EAC details for the SVA Metering System:
  - (a) that the set of EACs are for the set of Time Pattern Regimes associated with this NHHDC's view of the SVA Metering System's Standard Settlement Configuration;
  - (b) that the start dates for the sets of EAC details are unique;
  - (c) that they all overlap or start on or after the significant date;

- (d) that if one has a start date before the significant date, the rest must have start dates after the significant date;
- (e) that none of the set of EACs exceed a consumption threshold value, configurable through NHHDA software;
- (vi) for the NHHDC's view of 'SVA Metering System's Registrations' in the instruction:
  - (a) that they all contain valid Supplier Ids;
  - (b) that they all overlap or start on or after the significant date;
  - (c) that if one has a start date before the significant date, the rest must have start dates after the significant date;
  - (d) that all the start dates are unique;
  - (e) that the SVA Metering System will not be left without a Registration for any Settlement Day within the NHHDC's view of the SVA Metering System's Meter Advance Consumptions and Estimated Annual Consumptions if the instruction is applied;
- (vii) for the NHHDC's view of 'SVA Metering System's relationships with Profile Classes and Standard Settlement Configurations' in the instruction:
  - (a) that they are all for valid Profile Classes;
  - (b) that they are all for valid Standard Settlement Configurations;
  - (c) that they are all for a valid combination of Profile Class, Standard Settlement Configuration and GSP Group;
  - (d) that the Profile Class, Standard Settlement Configuration and GSP Group have an associated Annual Fraction of Yearly Consumption for all Settlement Days within all Meter Advance Periods;
  - (e) that they all overlap or start on or after the significant date;
  - (f) that if one has a start date before the significant date, the rest must have start dates after the significant date;
  - (g) that all the start dates are unique;
  - (h) that the SVA Metering System will not be left without a Profile Class or Standard Settlement Configuration for any Settlement Day within the NHHDC's view of the SVA Metering System's Meter Advance Consumptions and Estimated Annual Consumptions if the instruction is applied;
- viii) for the NHHDC's view of 'SVA Metering System's relationships with Measurement Classes' in the instruction:

- (a) that they are all for valid Measurement Classes;
  - (b) that they all overlap or start on or after the significant date;
  - (c) that if one has a start date before the significant date, the rest must have start dates after the significant date;
  - (d) that all the start dates are unique;
  - (e) that the SVA Metering System will not be left without a Measurement Class for any Settlement Day within the NHHDC's view of the SVA Metering System's Meter Advance Consumptions and Estimated Annual Consumptions if the instruction is applied;
- (ix) for the NHHDC's view of 'SVA Metering System's Energisation Statuses' in the instruction:
- (a) that the Energisation Status are 'D' or 'E';
  - (b) that they all overlap or start on or after the significant date;
  - (c) that if one has a start date before the significant date, the rest must have start dates after the significant date;
  - (d) that all the start dates are unique;
  - (e) that the SVA Metering System will not be left without an Energisation Status for any Settlement Day within the NHHDC's view of the SVA Metering System's Meter Advance Consumptions and Estimated Annual Consumptions if the instruction is applied;
- (x) for the NHHDC's view of 'SVA Metering System's relationships with GSP Groups' which overlap or start on or after the significant date and overlap with a NHHDA Appointment for the NHHDA:
- (a) that they are all for valid GSP Groups;
  - (b) that they all overlap or start on or after the significant date;
  - (c) that if one has a start date before the significant date, the rest must have start dates after the significant date;
  - (d) that all the start dates are unique;
  - (e) that the SVA Metering System will not be left without a GSP Group for any Settlement Day within the NHHDC's view of the SVA Metering System's Meter Advance Consumptions and Estimated Annual Consumptions if the instruction is applied;
  - (f) that the Profile Class, Standard Settlement Configuration and GSP Group have an associated Annual Fraction of Yearly Consumption for all Settlement Days within all Meter Advance Periods.