Redlined BSCP27 for CP1393 'Technical Assurance - CDC Check'

The CP proposes changes to BSCP27 section 4.1.5.

We have redlined these changes against Version 12.0.

4.1.5 Consumption Data Comparison Check

The TAA shall compare the metered energy data for one half hour recorded at the time of the Inspection Visit with the consumption data held by the HHDC or CDCA for that same half-hour period. If the values differ by more than agreed tolerances the TAA will issue a non-compliance. ~~This check can take place on site or off site at the discretion of the TAA and either method forms part of the Inspection Visit.~~

The tolerances will be agreed from time to time by the PAB.

In order to obtain and verify stored Meter data values that are eventually transferred to the HHDC or CDCA, it will be necessary to use a Hand Held Unit running relevant approved Hand Held Unit protocol to download data from the Meter or Outstation. This process will also provide engineering units (e.g. kW half hours) ~~and/~~or raw pulses~~)~~ and some standing data. Once the pulse multiplier ~~and Meter~~ or constant (e.g. a multiplication constant of 0.5 is required to convert kW/MW half hour values to kWh/MWh half hour values) ~~are~~ is applied ~~(where applicable)~~ the~~se~~ kWh/MWh value~~s~~ can be compared with the consumption data held by the CDCA or HHDC and~~,~~ the Meter's (displayed) cumulative advance over the same half hour period. The kWh/MWh value will also be compared with the measured value~~s~~ obtained from the Correct Energy Measurement Check.

This Consumption Data Comparison Check shall take the following format:

1. ~~1.~~ Compare the Meter Technical Details provided by both the HHDC or CDCA and MOA with that observed on-site. Consideration should also be given to Commissioning and historic proving test information.

2. Take a reading (for the dominant Active Energy flow direction at the time) of the cumulative register on the Meter's display at the beginning and end of the same half hour period that is to be downloaded from the Meter's Outstation and requested from the CDCA or HHDC.

3. Using the Meter Register Multiplier calculate the true Meter register half hour advance for that half hour period.

   This cumulative Meter register half hour advance shall also be used to confirm the findings from the Correct Energy Measurement Check where, ideally, the readings for that check were taken within the same half hour period and the load (or generation) was relatively constant during that period. The TAA shall use its discretion, bearing in mind the predictability of the load (or generation), where the readings weren't taken in the same half hour period.

4. Download a half hour reading from the Meter's Outstation and convert the value (raw pulses or engineering units) into a kWh half hour reading (for SVA registered Metering Systems) or a MWh half hour reading (for CVA registered Metering Systems).

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5. ~~2.~~ Request the current actual consumption data held by the CDCA or HHDC for the same half hour period ~~to~~ and compare the energy recorded by the Settlement Meter (cumulative Meter register half hour advance) and its associated Outstation(s) (half hour value) with~~and~~ the energy value~~s~~ held in the CDCA or HHDC systems which will be submitted to Settlement.

~~In both cases o~~One Active Energy channel will be requested unless a non-compliance is identified.