

Modification Proposal – BSCP40/03	MP No: P300
Title of Modification Proposal :	
Introduction of new Measurement Classes to support Half Hourly DCUSA Tariff Changes (DCP179)	
Submission Date :	
5 March 2014	
Description of Proposed Modification <i>(mandatory by originator)</i>	
<p>A previous modification (P280 ‘Introduction of new Measurement Classes’) was raised to facilitate the introduction of new Measurement Classes. At its meeting on 10 August 2012, the BSC Panel recommended to the Authority that it approve P280. The Authority subsequently rejected P280, stating in its decision document (dated 6 November 2012) :</p> <p><i>“The P280 proposal alone does not facilitate any change to the way sites will be settled and charged for UoS. A change to the UoS charging methodology is required in order for any benefits to be realised. Until we are able to make an assessment of the most appropriate UoS charging structure for sites with demand below 100kW that wish to be settled HH, we do not consider we can approve this modification. This is because it is not certain whether the P280 proposed change will be required if a different approach is taken in developing the UoS charging methodology. Approving the P280 proposal may therefore result in wasted costs to the industry”.</i></p> <p>A Distribution Connection and Use of System Agreement (DCUSA) change proposal (DCP179 ‘Amending the CDCM tariff structure’) has been raised that considers the tariffs for connections below 100kW and introduces new Measurement Classes associated with aggregating Half-Hourly (HH) data.</p> <p>This Modification Proposal builds on P280 and aligns to the requirements of DCP179.</p> <p>It introduces the following changes:</p> <ul style="list-style-type: none"> • Two new Measurement Classes <ul style="list-style-type: none"> <input type="checkbox"/> F - Half Hourly aggregated metered (domestic) <p>(Note, Measurement Class F will include current transformer (CT) and whole current (WC) metered domestic customers)</p> <ul style="list-style-type: none"> <input type="checkbox"/> G - Half Hourly aggregated metered (non domestic WC) <p>(Measurement Class E will be used for CT metered non domestic customers under 100kW)</p> • 10 new Consumption Component Classes (CCCs) will be introduced for each Measurement Class (six for Import and four for Export); • Half Hourly Data Aggregators (HHDAs) will be mandated to implement the changes and process the proposed amendments to the D0040 ‘Aggregated Half Hour Data File’ and D0298 ‘BM Unit Aggregated Half Hour Data File’ data flows; • Distribution System Operators will be mandated to specify which Standard Settlement Configuration (SSC) should be used to report aggregated HH data for each relevant Line Loss Factor Class (LLFC) - since the D0030 ‘Non Half Hourly DUoS Report’ data flow 	

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<p>requires consumption data to be reported against an SSC;</p> <ul style="list-style-type: none"> the SVAA system will be required to process the amended data flows and the mapping information in order to include the relevant data in the D0030 flow that the Distribution System Operators use for aggregated Distribution Use of System (DUoS) billing; and Half Hourly Data Collectors (HHDCs) must not send D0036 ‘Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix’ and D0275 ‘Validated Half Hourly Advances’ dataflows to Distribution System Operators for the new Measurement Classes, but will instead be required to send a D0010 ‘Meter Readings’. 	
<p>Description of Issue or Defect that Modification Proposal Seeks to Address</p> <p>DCP179 is being developed that, if approved, will impact the Balancing & Settlement Code (BSC). DCP179 proposes to amend the use of system charging methodology and introduce tariffs that will aim to reduce or remove any perceived discrepancy between the charges for Non Half-Hour (NHH) metered connections and HH metered connections. It also introduces HH tariffs for all CT metered customers and aggregated HH tariffs for WC metered customers.</p> <p>The BSC contains a number of provisions for providing Distribution System Operators with the metered data they need for charging purposes. The issue is that they don’t provide any mechanism for distinguishing between HH-settled customers whose network charges should be calculated on a site-specific basis, and those whose network charges should be calculated on an aggregated basis. There are also benefits to Settlement for moving to HH metered, as this is considered more accurate.</p>	
<p>Impact on Code</p> <p>The solution to this defect is to:</p> <ul style="list-style-type: none"> Introduce new Measurement Classes and associated CCCs (for domestic and non domestic WC customers) to distinguish HH-settled customers whose network charges will be calculated on an aggregated basis; and Introduce system and process changes to support aggregated reporting of consumption for these Measurement Classes (although this will primarily affect Configurable Items, as described below, rather than the BSC itself). 	
<p>Impact on Core Industry Documents or System Operator-Transmission Owner Code</p> <p>In addition to the DCUSA change, changes will be required to the Master Registration Agreement (MRA) Data Transfer Catalogue (DTC) to support reporting of aggregated data for the new Measurement Classes. These will be raised once the BSC changes have been identified, but are likely to include:</p> <ul style="list-style-type: none"> Amend the D0030 and D0314 ‘Non Half Hourly Embedded Network DUoS Report’ dataflows, BSCP508 ‘Supplier Volume Allocation Agent’ and the SVAA software to report consumption for those customers to Distribution System Operators on an aggregated basis; Amend the D0040 and D0298 dataflows to include necessary Data Items to recognise 	

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<p>LLFCs and Distribution System Operator Market Participant IDs; and</p> <ul style="list-style-type: none"> Amend ‘Measurement Class Id’ (J1161) to include the new values and ensure that the ‘Measurement Class Description’ (J0311) matches that of the new ‘Measurement Class Id’ when selected. 	
<p>Impact on BSC Systems and Other Relevant Systems and Processes Used by Parties</p> <p>The necessary changes were identified as part of P280. Minor changes to those identified under P280 are required to align with DCP179.</p>	
<p>Impact on other Configurable Items</p> <p>The impact was identified as part of the development of P280.</p>	
<p>Justification for Proposed Modification with Reference to Applicable BSC Objectives</p> <p>The Applicable BSC Objectives that are better facilitated are Objective (c) and (d).</p> <p>Objective (c) - <i>Promoting effective competition in the generation and supply of electricity and (so far as consistent therewith) promoting such competition in the sale and purchase of electricity:</i></p> <p>is better facilitated by accommodating a change raised within another code that has a direct impact on its ability to deliver i.e. without a change to the BSC systems and processes it prevents the improvement in competition being facilitated via another code.</p> <p>Objective (d) <i>Promoting efficiency in the implementation and administration of the balancing and settlement arrangements</i></p> <p>is better facilitated because it provides an efficient and cost effective mechanism to deal with a large increase the volume of HH data without flooding Parties with Site Specific data resulting from the expansion of the HH market. Increased use of actual data from HH metering will provide industry-wide benefits, through improvements in the accuracy of Settlement.</p>	
<p>Is there a likely material environmental impact?</p> <p>No</p>	
<p>Urgency Recommended: Yes/ No</p> <p>There is no urgency but recognition of the timescales being proposed by DCP179 (since both need to be aligned) and a need to consider the timescale to implement this Modification which is similar Modification P280 and that required a twelve month lead time.</p>	

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<p>Justification for Urgency Recommendation</p> <p>N/A</p>	
<p>Self-Governance Recommended: Yes / No</p>	
<p>Justification for Self-Governance Recommendation</p> <p>Not applicable</p>	
<p>Fast Track Self-Governance Recommended: Yes / No</p>	

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Justification for Fast Track Self-Governance Recommendation

Not applicable

Should this Modification Proposal be considered exempt from any ongoing Significant Code Reviews?

Yes, as no links with the EBSCR

Details of Proposer:

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Date.....5 March 2014.....

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Details of Representative’s Alternate:	
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Attachments: Yes No	
If Yes, Title and No. of Pages of Each Attachment:	