

Change Proposal – BSCP40/02

CP No: 1216

*Version No: 1.0
(mandatory by BSCCo)*

Title *(mandatory by originator)*

Changes to Section 3.1 of BSCP509 to reflect a new process for the acceptance of the Profile Administrator (PrA) ‘Technical Product Deliverables’ (TPDs) for inclusion in the Market Domain Data (MDD).

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

It was agreed at SVG72 that an expert group should review the Profile Administrator (PrA) Technical Product Deliverables (TPD) acceptance process. This process is found in BSCP509 ‘Changes to Market Domain Data’. [SVG72/07](#) noted that there was a lack of awareness around the existing process and that the associated timescales required some adjustment, and suggested that an expert group should consider the methodology and processes with a view to revising the processes in BSCP509.

The Profile Acceptance Review Expert Group (‘the Group’) had representatives from industry and National Grid, as well as input from ELEXON and the PrA. The Group met to consider the defects in the current process and define a new process to be used going forward, and in addition discussed contingency actions that could be implemented if the TPDs were deemed to be unsuitable for use in Settlement. The Groups findings and recommendations were presented in [SVG76/07](#); the SVG agreed the new acceptance process proposed by the Group (as described in this CP).

The Group had identified Three main issues with the current TPD acceptance process:

- Complexity of the TPD data – the complexity of the data means a large amount of manipulation is required put it into a suitable format for the acceptance process;
- Review Timescales – TPDs are issued to ELEXON (by the PrA) at the end of November each year, and BSCP509 specifies that data be provided to reviewers within 1 working day. There is little time to complete a review due to Christmas period time constraints and SVG reporting timescales, i.e. only 20-25 working days to provide a paper for January SVG. Additionally, 1 working day is insufficient time for ELEXON to complete minimum checks on data format and completeness; and
- Lack of Suitable Reviewers – there is a lack of qualified industry experts that can review the data from first principles (the past few years have seen little participation in the existing process and only one party other than ELEXON and the PrA has provided an expert opinion).

The Group considered contingency actions that could be implemented if TPDs were deemed to be unsuitable for use in Settlement, but these do not form part of this CP. Contingency actions would be under the remit of the review group proposed by this CP, and would not be defined or documented as part of the new review and acceptance process as proposed by CP1216. However, details of the contingency actions recommended by the Group can be found in [SVG76/07](#).

Proposed Solution *(mandatory by originator)*

BSCP509, section 3.1 ‘Changes to Market Domain Data Provided by the Profile Administrator’, should be amended to reflect the new TPD review and acceptance process recommended by the Group and agreed by the SVG. The proposed process would involve a review group, the Profiling Expert Group (PEG) established with the agreement of the SVG and with Terms of Reference agreed by the SVG (a paper on this subject was taken to [SVG80](#)). The proposed process is as follows:

- On receipt of the Group Average Demands (GAD) in mid-October, subject to limited checks by ELEXON, the 10 sets of GADs (365 * 48 matrices, one of each Profile Class with Classes 2

and 4 split by switched and base load) can be sent out to the PEG members. This data will be provided with the latest population data for each GSP and Profile Class provided by the NHHDA script. This will allow the PEG to look at the likely individual profiles by averaging by season and day-type and to assess them in aggregate by building up to each GSP level using the population data provided and correcting for volume;

- In mid-November the PEG will meet to discuss the results of their reviews and consider the additional documentation data on sample sizes and precision that will be available from the PrA. If at this stage any Profile Class or part of the Profile Class data is deemed unsuitable for TPDs calculation then contingency actions will be undertaken for production of the final TPDs. The results and recommendations of the PEG will be presented to the next SVG following the meeting for approval;
- At the beginning of December, on receipt of the TPDs, ELEXON will undertake the necessary checks for completeness and format and then forward to the PEG for assessment as to correctness given the previous considerations. ELEXON will complete usual checks on the data to ensure they have been calculated correctly. If ELEXON or the reviewers identify issues with the format, completeness or accuracy of the calculation then the PrA will correct the TPDs where they are found to be in defect;
- At the end of January the TPDs will be presented to the SVG for approval with all available supporting information from the PEG, ELEXON and the PrA; and
- Subject to approval by the SVG, ELEXON will raise the Market Domain Data (MDD) change request to allow TPDs to be loaded into the Supplier Volume Allocation Agent (SVAA) MDD systems.

Redline text showing the impact of this new process on BSCP509 is attached to this CP (Attachment A). It should be noted that no significant change is proposed to the existing process steps; the impact will be the addition of steps at the start of section 3.1, some minor changes within the existing steps of section 3.1 to clarify the process, and changes to section 1.6 'Acronyms and Definitions' to incorporate terms involved in the proposed process.

Changes will be required to the Profile Administration (PrA) Service Description (SD) to reflect the requirements placed on the PrA by the proposed process. However, as the PrA SD is a Category 2 configurable item, no redlined changes associated with this document are included with this CP. The amendments made to the PrA SD upon implementation of CP1216 would constitute an update to the obligations in the contract of the Profile Administrator contract (specifically the obligation on the PrA to provide GADs each year would be reflected).

The contingency actions which are part of the proposed process, for implementation if TPDs are deemed unsuitable for use in Settlement, are not included in this CP. These contingency actions would be the responsibility of the PEG. Details of the recommended contingency actions can be found in SVG76/07. Possible actions were limited due to the correction timescales, and it was recommended that in the short term the last available valid set of coefficients used in Settlement should be used.

The recommended contingency actions are based on the suitability of profile data and not on the correctness of TPDs in terms of format, completeness or accuracy of calculation. The contingency action for these types of errors is correction of the identified defect by the PrA within existing Contract timescales. In the longer term, alternative contingency actions may be considered, but this would require further consideration and analysis, and may be affected by changes in the frequency and methodology of updating the data.

Justification for Change *(mandatory by originator)*

The proposed change to the TPD acceptance process should make the process more robust, provide a better review of the Profile deliverables and ensure review timescales are realistic. The proposed process also means unsuitable or defective data can be identified earlier, and allows for contingency actions to be taken to correct data. The proposed TPD acceptance process would better inform the SVG decision making process and result in more confidence in the profiles to be used for future BSC Years.

To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code? *(mandatory by originator)*

Section E and section S. The CP does facilitate the current provisions of the Code.

Estimated Implementation Costs *(mandatory by BSCCo)*

2 ELEXON Man Days effort required for implementation of redlined text and preparation and review of the necessary changes to Category 2 Configurable items. The equivalent cost estimate is £440.

Implementation of this CP as part of a formal Release would mean the minimal associated costs would be covered by Release Management costs.

The SVAA has been identified as impacted and will complete a BSC Agent IA, but the impact should be minimal as the material changes in the process are to the activities and constitution of the expert group that reviews the TPDs. The PrA will be obligated to submit the GADs, but as it actually already does so this will only involve a documentation change.

Configurable Items Affected by Proposed Solution(s) *(mandatory by originator)*

BSCP509 'Changes to Market Domain Data', Profile Administration Service Description.

Impact on Core Industry Documents or System Operator-Transmission Owner Code *(mandatory by originator)*

No impact identified.

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

None identified.

Requested Implementation Date *(mandatory by originator)*

June 2008.

Reason:

This is the next available Release.

Version History *(mandatory by BSCCo)*

N/A

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Attachments: Y/N*

CP1216 Attachment A - BSCP509 v14.0 redlined v0.2 (6 pages)