

SVG234/01 – MDD CHANGE REQUESTS FOR VERSION 300

MEETING NAME	Supplier Volume Allocation Group
Date of meeting	4 August 2020
Paper number	234/01
Owner/author	Freya Gardner
Purpose of paper	Decision
Classification	Public
Summary	This paper invites the Supplier Volume Allocation Group (SVG) to approve seven General Change Requests, and note 16 Fast Track Change Requests, for implementation in Version 300 of Market Domain Data (MDD) with a go-live date of 19 August 2020.

1. Introduction

- 1.1. Updates to Market Domain Data (MDD) are made through monthly releases. ELEXON progresses MDD changes in accordance with [BSC Procedure \(BSCP\) 509 'Changes to Market Domain Data'](#).

General Change Request process

- 1.2. BSCP509 requires that General MDD Change Requests undergo validation by ELEXON, and impact assessment by the Supplier Volume Allocation Agent (SVAA) and Market Participants, before being presented to the SVG for decision. Unmetered Supplies (UMS) Charge Codes are initially reviewed by the UMS User Group (UMSUG) in accordance with [BSCP520 'Unmetered Supplies'](#), and also go out for Market Participant impact assessment before being presented to the SVG. We include all comments received from the impact assessment in this paper to assist the decision making of the SVG.

Fast Track Change Request process

- 1.3. BSCP509 contains the Fast Track process for housekeeping changes and new participant registrations, undergoing ELEXON validation and SVAA impact assessment. However, BSCP509 does not require Fast Track changes to be issued for Market Participant impact assessment or to be approved by the SVG. This means there is a separate deadline which is later than that for General Change Requests. Therefore, Fast Track Change Requests are presented to the SVG for information only.
- 1.4. New Party Agents and existing Licensed Distribution System Operators (LDSOs) registering in a GSP Group must have their Qualification approved by the Performance Assurance Board (PAB) before registering in MDD. However, they can submit Fast Track Change Requests before the PAB meeting for the next MDD version to go live after the PAB has made its decision. Should the PAB not approve the Qualification application, ELEXON will refuse the MDD Change Request. New Suppliers and new LDSOs do not require PAB approval of their Qualification before registering in MDD, and new Suppliers need not have obtained their Supply Licence.

2. This month's changes

- 2.1 This paper includes seven General MDD change and 16 Fast Track MDD changes to be incorporated into MDD version 300 with a go-live date of 19 August 2020.

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General Change Requests

2.2 The table below provides an overview of this month's General Change Requests.

CR no.	MPID	Role Code	Details of Change Request	MP IA response
M3587	MANW (1)	R	Creation of HH Combinations <i>Effective From Date: 19/08/2020</i>	N
M3588	NEEB (1)	R	Creation of HH Combinations <i>Effective From Date: 19/08/2020</i>	N
M3589	REGE	X	Creation of new SSC, TPRs and NHH Combinations to support two rate Smart Tariff <i>Effective From Date: 19/08/2020</i>	N
M3590	SPOW (1)	R	Creation of HH Combinations <i>Effective From Date: 19/08/2020</i>	N
M3591	SWEL	X	Creation of MTC in PES areas and NHH Combinations <i>Effective From Date: 19/08/2020</i>	N
M3592	YELG	R	Creation of HH Combinations <i>Effective From Date: 19/08/2020</i>	N
M3593	ELEXON	-	Inclusion of Charge Codes and Switch Regimes <i>Effective From Date: 19/08/2020</i>	N

Role Code: X- Supplier R – Distributor

MP IA Response: N = No Market Participant comments have been made regarding the change

Fast Track Change Requests

2.3 The table below provides an overview of this month's Fast Track Change Requests.

CR no.	MPID	Role Code	Details of Change Requests
M3594	ELEXON	-	Creation of Profile Administrator's 'Technical Product Deliverables' (TPDs) for use from September 2020 <i>Effective From Date: 19/08/2020</i>
M3595	BAYS	X	End-dating of Market Participant Role Code 'X' and 14 Base BM Units <i>Effective To Date: 19/08/2020</i>
M3596	BRKG	X	Creation of new MPID, Market Participant Role Code 'X' and Base BM Units <i>Effective From Date: 19/08/2020</i>
M3597	CILI	X	Change of Address for Market Participant Role Code 'X' <i>Effective From Date: 19/08/2020</i>
M3598	EMEB	R	Change of Line Loss Factor Class Descriptions <i>-These changes will be implemented in MDD Version 300 with a Go-Live Date of 19/08/2020</i>

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M3599	FMSL	8	Change of Name for Market Participant Role Code '8' <i>Effective From Date: 19/08/2020</i>
M3600	GAMA	8	Change of Name for Market Participant Role Code '8' <i>Effective From Date: 19/08/2020</i>
M3601	INDE	X	Change of Name and Address for Market Participant Role Code 'X' <i>Effective From Date: 19/08/2020</i>
M3602	MANW (2)	R	Change of Line Loss Factor Class Descriptions <i>-These changes will be implemented in MDD Version 300 with a Go-Live Date of 19/08/2020</i>
M3603	MARB	X	Registration of Additional Supplier BM Units <i>Effective From Date: 19/08/2020</i>
M3604	MIDE	R	Change of Line Loss Factor Class Descriptions <i>-These changes will be implemented in MDD Version 300 with a Go-Live Date of 19/08/2020</i>
M3605	MMAL	8	Change of Name and Address for Market Participant Role Code '8' <i>Effective From Date: 19/08/2020</i>
M3606	NEEB (2)	R, 3, 8, J, P	Change of Name for Market Participant Role Codes 'R', '3', '8', 'J' and 'P' <i>Effective From Date: 19/08/2020</i>
M3607	SIEM	A, C	Creation of Market Participant Role Codes 'A' and 'C' <i>Effective From Date: 01/09/2020</i> <i>-This change will be implemented in MDD Version 300 with a Go-Live Date of 19/08/2020</i>
M3608	SMAR	X	Registration of Additional Supplier BM Unit <i>Effective From Date: 19/08/2020</i>
M3609	SPOW (2)	R	Change of Line Loss Factor Class Descriptions <i>-These changes will be implemented in MDD Version 300 with a Go-Live Date of 19/08/2020</i>

Role Code: X – Supplier R – Distributor 8 – Meter Asset Provider (MAP) 3 – Unmetered Supplies Operator (UMSO) J – Supply Fault Information Centre P – PRS Agent A – HH Data Aggregator C – HH Data Collector

3. Profiling Technical Product Deliverables (TPDs)

- 3.1 ELEXON and the Profiling Expert Group (PEG) have reviewed the profiles to be used in Settlement effective from 7 September 2020 for the remainder of the current 2020/21 BSC Year. The new TPDs have passed all tests on content and format and Appendix 2 provides the complete checklist used.
- 3.2 The new TPDs are made up of:
- Regression data for the Autumn and Winter BSC Seasons, based on a pooled set of the latest three years' data (2017/18, 2018/19 and 2019/20); and
 - Recalculated Group Average Annual Consumption (GAAC) data for use in the Autumn and Winter Seasons of the current BSC Year.
- 3.3 Spring, Summer and High Summer data is made up of a pooled set of the latest three years of data (2017, 2018 and 2019) which have not been updated in this set of TPDs, as normal.

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3.4 At its meeting on 13 July 2020, the PEG agreed that the 'pooled' TPDs are the most appropriate set of profiles to use. It unanimously recommends that the SVG approves these for use in Settlement for the remainder of the current BSC Year.

4. Recommendations

4.1 We invite you to:

- a) **APPROVE** seven General Change Request for implementation in MDD 300 with a go-live date of 19 August 2020;
- b) **NOTE** 16 Fast Track Change Requests for implementation in MDD 300 with a go-live date of 19 August 2020; and
- c) **APPROVE** the TPDs for use in Settlement for the remainder of the current BSC Year.

Appendices

Appendix 1 – Fast Track Submissions Criteria

Appendix 2 – Profiling TPDs checklist

Attachments

Attachment A – UMS Standard Charge Codes

Attachment B – UMS Generic LED Charge Codes

For more information, please contact:

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APPENDIX 1 – FAST TRACK SUBMISSIONS CRITERIA

Fast Track Change Requests
Green Deal Market Participant IDs
New Entrants (into MDD)
LLFC Description Changes
Additional BM Unit registration of existing Suppliers
Base Calendar & Scottish Day Types Annual Update
SVAA Annual Clear down
Market Participant Name Change

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Market Participant Address Change
Market Participant Name and Address Change

APPENDIX 2 – PROFILING TPDs CHECKLIST

PrA TPDs checklist

Reporting period: Year 24_2 (Autumn-Winter 2020/21)

Period of Operational Use: Autumn-Winter 2020/21 (07/09/2020 – 31/03/2021)

Check	Results	Comments																														
Date of receipt	Monday 22 June 2020	Within timeframes according to TPDs timetable																														
Data completeness (FF)	<p>We received all expected files.</p> <p>Expected files:</p> <ul style="list-style-type: none"> • x6 .csv Regression data (PC 1, 2b, 2s, 3, 4b, 4s) • x6 .csv GAACs • x8 .csv Profile coefficients (PC 1 to 4s) • x48 .csv Algorithmic stretched coefficients 																															
Data format (FF)	All files in correct format. No issues.																															
Data completeness (NFF)	<p>We received all expected files as shown below.</p> <p>Regressions</p> <table border="1"> <thead> <tr> <th><u>Record Count of:</u></th> <th>Actual</th> <th>Expected</th> </tr> </thead> <tbody> <tr> <td><u>Regression Coefficients</u></td> <td></td> <td></td> </tr> <tr> <td>Records</td> <td>597552</td> <td>597552</td> </tr> <tr> <td>GSP</td> <td>1400</td> <td>1400</td> </tr> <tr> <td>PFL</td> <td>100</td> <td>100</td> </tr> <tr> <td>RES</td> <td>2500</td> <td>2500</td> </tr> <tr> <td>COF</td> <td>527600</td> <td>527600</td> </tr> <tr> <td>PER</td> <td>65950</td> <td>65950</td> </tr> <tr> <td>ZHD</td> <td>1</td> <td>1</td> </tr> <tr> <td>ZPT</td> <td>1</td> <td>1</td> </tr> </tbody> </table> <p>Profile Coefficients</p>	<u>Record Count of:</u>	Actual	Expected	<u>Regression Coefficients</u>			Records	597552	597552	GSP	1400	1400	PFL	100	100	RES	2500	2500	COF	527600	527600	PER	65950	65950	ZHD	1	1	ZPT	1	1	
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Data format (NFF)	All files in correct format. No issues.																			
SVAA Test Loading	SVAA test loading results showed no issue for all GSP Groups. There were 'warnings' for the GSP Groups _N and _P. However this was expected since the Scottish GSP Groups were not originally included, as they had their own profiles before BETTA.																			
Friendly (FF) Vs Non-friendly (NFF) data comparisons	Basic Regression Coefficients are the same in both files. 14 Settlement Period stretch for Switched Load Profile Classes 2 and 4 also match.																			
Eval (new reg) vs. GAD	Y24_2 regression data evaluated for 2019/20 Autumn to Winter (September 2019 to March 2020) and the outturn NET. This evaluated demand is compared with GAD. Comparisons indicate regressions look okay. Differences spotted: The only differences of note were for March GAD dates (from 18/03/20), which were removed from creating the TPDs.																			
Y24_2 Vs Y23_2 evaluated regressions at 10-year average NETs for 2019/20	No overall issues identified.																			
Data Analyst analysis for Y24_2 GADs	<table border="1"> <thead> <tr> <th>PC</th> <th>Avg Demand</th> <th>Avg Std Error</th> <th>Precision 2020/21</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0.48634</td> <td>0.0267</td> <td>5.49%</td> </tr> <tr> <td>2b</td> <td>0.657772</td> <td>0.049325</td> <td>7.50%</td> </tr> </tbody> </table>	PC	Avg Demand	Avg Std Error	Precision 2020/21	1	0.48634	0.0267	5.49%	2b	0.657772	0.049325	7.50%	Table presented by Data Analyst at the last PEG meeting.						
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Evaluated algorithmic stretched coefficients all sum to same value per stretch	<p>Differences in all Profile Class 2 stretches are inside tolerable limits.</p> <p>Differences in all Profile Class 4 stretches are inside tolerable limits.</p>																						
Group Average Annual Consumptions (GAACs)	The percentage ratios between the average GAACs and the average annual consumption per PC are 100%																						
Negative evaluation counts at long run average NETs +/- 10°F for an evaluated matrix of 365 x 48 values. (17,520 half-hourly evaluations)	<table border="1"> <thead> <tr> <th>Profile Class</th> <th>HH Count + 10°F</th> <th>HH Count - 10°F</th> </tr> </thead> <tbody> <tr> <td>PC1</td> <td>0</td> <td>0</td> </tr> <tr> <td>PC2b</td> <td>3</td> <td>0</td> </tr> <tr> <td>PC2s</td> <td>17</td> <td>0</td> </tr> <tr> <td>PC3</td> <td>0</td> <td>0</td> </tr> <tr> <td>PC4b</td> <td>0</td> <td>0</td> </tr> <tr> <td>PC4s</td> <td>1</td> <td>0</td> </tr> </tbody> </table>	Profile Class	HH Count + 10°F	HH Count - 10°F	PC1	0	0	PC2b	3	0	PC2s	17	0	PC3	0	0	PC4b	0	0	PC4s	1	0	
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