

SVG210/01 – MDD CHANGE REQUESTS FOR VERSION 272

MEETING NAME SVG 210

Date of meeting 31 July 2018

Paper number 210/01

Owner/author Josh Kalsi

Purpose of paper Decision

Classification Public

Summary This paper invites the Supplier Volume Allocation Group (SVG) to approve six General Change Requests, and note 13 Fast Track Change Requests, for implementation in Version 272 of Market Domain Data (MDD) with a go-live date of 15 August 2018.

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 we present them 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 coming to the SVG. We collate all comments received through the impact assessment and include them in this paper to assist the SVG in making a decision on each change.

Fast Track Change Request process

1.3. BSCP509 contains a Fast Track process for housekeeping changes and new participant registrations. These still undergo 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 that they can be submitted later in the monthly process than General Change Requests, and that we present them to the SVG for information rather than approval.

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 their Fast Track Change Request before the PAB meeting for the next MDD version to go live after the PAB's 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 six General MDD changes and 13 Fast Track MDD changes to be incorporated into MDD 272 with a go-live date of 15 August 2018.

General Change Requests

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

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CR no.	MPID	Role Code	Details of Change Request	MP IA response
M3144	FEAL	R	Creation of new LLFCs, and new valid HH & NHH Combinations <i>Effective from Date: 15/08/2018</i>	✓
M3145	GGEN	R	Creation of new LLFCs, new MTC in PES area, and new valid HH & NHH Combinations <i>Effective from Date: 15/08/2018</i>	✓
M3146	MANW	R	Creation of new MTC in PES area, and new valid HH Combinations <i>Effective from Date: 15/08/2018</i>	✓
M3147	NEEB	R	Creation of new MTC in PES area, and new valid HH Combinations <i>Effective from Date: 15/08/2018</i>	✓
M3148	YELG	R	Creation of new MTC in PES area, and new valid HH Combinations <i>Effective from Date: 15/08/2018</i>	✓
M3149	ELEXON	-	Inclusion of Charge Codes and Switch Regimes <i>Effective from Date: 15/08/2018</i>	✓

✓ No Market Participant comments have been made regarding the change

X Market Participant comments have been made regarding the change

R Distributor

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 Request
M3150	ALAB	X	Creation of new Market Participant, new Market Participant Role 'X', and new Base BM Units <i>Effective from Date: 15/08/2018</i>
M3151	ALAS	X	Creation of new Market Participant, new Market Participant Role 'X', and new Base BM Units <i>Effective from Date: 15/08/2018</i>
M3152	ANGE	X	Registration of Additional BM Units <i>Effective from Date: 15/08/2018</i>
M3153	COLO	X	Creation of new Market Participant, new Market Participant Role 'X', and new Base BM Units <i>Effective from Date: 15/08/2018</i>

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CR no.	MPID	Role Code	Details of Change Request
M3154	FLEX	X	Creation of new Market Participant, new Market Participant Role 'X', and new Base BM Units <i>Effective from Date: 15/08/2018</i>
M3155	GAMA	8	Creation of new Market Participant, and new Market Participant Role '8' <i>Effective from Date: 15/08/2018</i>
M3156	MANW	R	Change of Line Loss Factor Class Descriptions <i>Effective from Date: 15/08/2018</i>
M3157	MISS	X	Creation of new Market Participant, new Market Participant Role 'X', and new Base BM Units <i>Effective from Date: 15/08/2018</i>
M3158	RUTH	X	Change of Address for Market Participant Role 'X' <i>Effective from Date: 15/08/2018</i>
M3159	SPOW	R	Change of Line Loss Factor Class Descriptions <i>Effective from Date: 15/08/2018</i>
M3160	VERM	X	Creation of new Market Participant, new Market Participant Role 'X', and new Base BM Units <i>Effective from Date: 15/08/2018</i>
M3161	VIRG	X	Creation of new Market Participant, new Market Participant Role 'X', and new Base BM Units <i>Effective from Date: 15/08/2018</i>
M3162	ELEXON	-	Creation of Profile Administrator's 'Technical Product Deliverables' (TPDs) for use from September 2018 <i>Effective from Date: 15/08/2018</i>

X Supplier R Distributor 8 Meter Asset Provider (MAP)

3. Line Loss Factor validations

3.1 There are two Change Requests for MDD 272 which request the opening of new LLF Classes (LLFCs) to be effective from 15 August 2018. The relevant LDSOs have submitted their D0265 files ('Line Loss Factor Data Files') for their Mid-Year Submissions. The following table provides further details.

CR no.	LDSO	No. of new LLFCs	MS Specific LLF Class Indicator(s)
M3144	FEAL	19	A
M3145	GGEN	466	A, C

A General LLFC for Import Active Energy C General LLFC for Export Active Energy

3.2 ELEXON has validated the D0265 files to ensure that the structure of the files and the submitted LLF values comply with the audit scope of Section 3.5 of [BSCP128 'Production, Submission, Audit and Approval of Line Loss Factors'](#). The submitted D0265 files have passed validation.

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4. Extra MDD Version 271

- 4.1 The SVG approved MDD Version 270 at its meeting on 3 July 2018, which was published on 11 July 2018 with a go-live date of 18 July 2018. This version contained a file error due to a removal of an incorrect AFYC Effective From Date, which affected the successful loading of this file for some Participants. Full details were communicated to Participants in MDD Circulars [MDD00637](#) and [MDD00638](#).
- 4.2 To resolve this, we published an additional Version 271 on 16 July 2018 with a go-live date of 18 July 2018. Therefore this month's regular MDD release has incremented to Version 272. An updated [MDD Release schedule](#) was also published.

5. Profiling Technical Product Deliverables (TPDs)

- 5.1 ELEXON and the Profiling Expert Group (PEG) have reviewed the profiles to be used in Settlement from 3 September 2018 for the remainder of the current 2018/19 BSC Year. The new TPDs have passed all tests on content and format and Appendix 2 provides the complete checklist used.
- 5.2 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 (2015/16, 2016/17 and 2017/18);
 - Recalculated Group Average Annual Consumption (GAAC) data for use in the Autumn and Winter Seasons of the current BSC Year; and
 - Default profile coefficients for use in the Half Hourly (HH) market in the current BSC Year.
- 5.3 Spring, Summer and High Summer data is made up of a pooled set of the latest three years of data (2015, 2016 and 2017) which have not been updated in this set of TPDs, as normal.
- 5.4 At its meeting on 16 July 2018, 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.

6. Recommendations

- 6.1 ELEXON invites the SVG to:
- a) **APPROVE** the six General Change Requests for implementation in MDD 272 with a go-live date of 15 August 2018;
 - b) **NOTE** the 13 Fast Track Change Requests for implementation in MDD 272 with a go-live date of 15 August 2018; and
 - c) **APPROVE** the proposed LLFCs for two LDSOs for use in Settlement from 15 August 2018.

Appendices

Appendix 1 – Fast Track Submissions Criteria

Appendix 2 – PrA TPD Checklist Y22_2

Attachments

Attachment A – UMS Charge Codes (Generic LED)

Attachment B – UMS Charge Codes

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Attachment C – UMS Switch Regimes

Attachment D – UMS Variable Power Switch Regimes (VPSRs)

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
Market Participant Address Change
Market Participant Name and Address Change

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APPENDIX 2 – PROFILING TPDS CHECKLIST

Reporting period: Year 22_2 (Autumn – Winter 2018/19)

Period of Operational Use: Autumn – Winter 2018/19 (03/09/2018 – 31/03/2019)

Check	Results	Comments																											
Date of receipt	Monday 25 June 2018																												
Data completeness (FF)	We received all expected files.																												
Data format (FF)	All files in correct format. Effective From Dates was '20190904'. Corrected with '20180903'. No issues.																												
Data completeness (NFF)	We received all expected files as shown below.																												
<u>Record Count of: Regression Coefficients</u>	<table border="1"> <thead> <tr> <th></th> <th>Actual</th> <th>Expected</th> </tr> </thead> <tbody> <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>		Actual	Expected	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)	Data format correct.																												
SVAA Test Loading	SVAA test loading still pending.	This is due to unavailability of OAT environment from CGI																											
Default profile coefficients	Profile coefficients in NFF file, for PC from 1 to 8 sum 1 and there are no negative values																												

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Check	Results	Comments																					
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	Y22_2 regression data evaluated for year 2017/18 (September to March) and the outturn NET. This evaluated demand is compared with GAD. Comparisons indicate regressions have been performed correctly – no issues identified.	We completed this comparison to add value in our validation process and check for the single year that regressions have been performed correctly.																					
Y22_2 Vs Y21_2 evaluated regressions at 10-year average NETs for 2018/19	No issues identified.																						
Data Analyst analysis for Y22_2 GADs	<table border="1"> <thead> <tr> <th>Profile Class</th> <th>Avg Demand</th> <th>Avg Std Error</th> <th>Precision</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0.466</td> <td>0.0280</td> <td>6.01%</td> </tr> <tr> <td>2</td> <td>0.5833</td> <td>0.0504</td> <td>8.64%</td> </tr> <tr> <td>3</td> <td>1.83955</td> <td>0.1360</td> <td>7.39%</td> </tr> <tr> <td>4</td> <td>3.05473</td> <td>0.1949</td> <td>6.38%</td> </tr> </tbody> </table>	Profile Class	Avg Demand	Avg Std Error	Precision	1	0.466	0.0280	6.01%	2	0.5833	0.0504	8.64%	3	1.83955	0.1360	7.39%	4	3.05473	0.1949	6.38%		
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Evaluated algorithmic stretched coefficients all sum to same value per stretch	Differences in all Profile Class 2 stretches are inside tolerable limits. Differences in all Profile Class 4 stretches are inside tolerable limits.																						
Group Average Annual Consumptions (GAACs)	One issue identified in GAAC values for PC1. Raised with Meniscus and corrected.																						
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>0</td> <td>0</td> </tr> <tr> <td>PC2s</td> <td>1</td> <td>11</td> </tr> <tr> <td>PC3</td> <td>0</td> <td>0</td> </tr> <tr> <td>PC4b</td> <td>1</td> <td>0</td> </tr> <tr> <td>PC4s</td> <td>0</td> <td>5</td> </tr> </tbody> </table>	Profile Class	HH Count + 10°F	HH Count - 10°F	PC1	0	0	PC2b	0	0	PC2s	1	11	PC3	0	0	PC4b	1	0	PC4s	0	5	These numbers for PC2s, PC4b and PC4s cannot be considered to be an issue for the total of 17,520 HH evaluations.
Profile Class	HH Count + 10°F	HH Count - 10°F																					
PC1	0	0																					
PC2b	0	0																					
PC2s	1	11																					
PC3	0	0																					
PC4b	1	0																					
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