SVG222/01 – MDD CHANGE REQUESTS FOR VERSION 286

MEETING NAME	SVG 222

Date of meeting	6 August 2019
Paper number	222/01
Owner/author	Dnieper Cruz / Sedef Kiris
Purpose of paper	Decision
Classification	Public
Summary	This paper invites the Supplier Volume Allocation Group (SVG) to approve five General Change Requests, and note nine Fast Track Change Requests, for implementation in Version 286 of Market Domain Data (MDD) with a go-live date of 21 August 2019.

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 five General MDD changes and nine Fast Track MDD changes to be incorporated into MDD version 286 with a go-live date of 21 August 2019.

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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
M3382	FEAL	R	End-dating existing NHH Combinations *Effective From Date: 21/08/2019*	N
M3383	FEAL	R	Creating new valid NHH and HH Combinations *Effective From Date: 21/08/2019*	N
M3384	GUCL	R	Creating new LLFCs and NHH Combinations *Effective From Date: 21/08/2019*	N
M3385	YELG	R	End-dating existing LLFCs and HH Combinations with Effective to Date of 31/03/2020 – *Change will still be implemented in MDD on 21/08/2019*	N
M3386	ELEXON	-	Inclusion of Charge Codes and Switch Regimes *Effective From Date: 21/08/2019*	N

Role Code: R Distributor

MP IA Response:

N = No Market Participant comments have been made regarding the change

Y = 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 Request
M3387	BMET	M	Change of company name for Market Participant Role Code 'M' *Effective from Date: 21/08/2019*
M3388	ENRG	X	Registration of Additional BM Units *Effective from Date: 21/08/2019*
M3389	LOND	X	Registration of Additional BM Units *Effective from Date: 21/08/2019*
M3390	LOND	X	Registration of Additional BM Units *Effective from Date: 21/08/2019*
M3391	OREG	X	Change of company name for Market Participant Role Code 'X' *Effective from Date: 21/08/2019*
M3392	RENC	X	Registration of Additional BM Units *Effective from Date: 21/08/2019*
M3393	VAVU	X	End-dating Market Participant Role Code 'X' and Base BM Units *Effective from Date: 21/08/2019*

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CR no.	MPID	Role Code	Details of Change Request
M3394	EDDI	X	Change of company name and address for Market Participant Role Code 'X' *Effective from Date: 21/08/2019*
M3395	ELEXON	-	Creation of Profile Administrator's 'Technical Product Deliverables' (TPDs) for use from September 2019 *Effective from Date: 21/08/2019*

Role Code: M Meter Operator   X Supplier

3. Line Loss Factor validations

3.1 There is one Change Request for MDD 286, which requests the opening of new LLF Classes (LLFCs) to be effective from 21 August 2019. 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)
M3384	GUCL	6	A

4. Profiling Technical Product Deliverables (TPDs)

4.1 ELEXON and the Profiling Expert Group (PEG) have reviewed the profiles to be used in Settlement from 2 September 2019 for the remainder of the current 2019/20 BSC Year. The new TPDs have passed all tests on content and format and Appendix 2 provides the complete checklist used.

4.2 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 (2016/17, 2017/18 and 2018/19); and

- Recalculated Group Average Annual Consumption (GAAC) data for use in the Autumn and Winter Seasons of the current BSC Year.

4.3 Spring, Summer and High Summer data is made up of a pooled set of the latest three years of data (2016, 2017 and 2018) which have not been updated in this set of TPDs, as normal.

4.4 At its meeting on 18 July 2019, 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.

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5.   Recommendations

5.1   ELEXON invites the SVG to:

a) **APPROVE** the five General Change Requests for implementation in MDD 286 with a go-live date of 21 August 2019;

b) **NOTE** the nine Fast Track Change Requests for implementation in MDD 286 with a go-live date of 21 August 2019.

Appendices

Appendix 1 – Fast Track Submissions Criteria

Appendix 2 – Profiling TPDs checklist

Attachments

Attachment A – UMS Charge Codes (Generic LED)

Attachment B – UMS Standard Charge Code

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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 – FAST TRACK SUBMISSIONS CRITERIA

Profiling TPDs checklist

Reporting period: Year 23_2 (Autumn – Winter 2019/20)

Period of Operational Use: Autumn – Winter 2019/20 (02/09/2019 – 31/03/2020)

Check	Results	Comments
Date of receipt	Monday 24 June 2019	Within timeframes according to TPDs timetable
Data completeness (FF)	We received all expected files. Expected files: • X6 .csv Regression data (PC 1, 2b, 2s, 3, 4b, 4s) • x10 .csv GAACs • x6 .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) Record Count of: Regression Coefficients	We received all expected files as shown below. 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	
Data format (NFF)	EFD incorrect in NFF_REG (P0014001) file. Issue flagged with Meniscus, who re-sent with corrected EFD. Checksum performed by ELEXON.	
SVAA Test Loading	There were no issues identified from the SVAA test loading.	
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.	

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Check	Results	Comments
Eval (new reg) vs GAD	Y23_2 regression data evaluated for year 2018/19 (September to March) and the outturn NET. This evaluated demand is compared with GAD. Comparisons indicate regressions look okay. Differences spotted: **PC2s:** 3-4/09/18 (GAD more than 1.5 higher than Eval) **PC3:** 2/01/19 (GAD 0.7/0.8 lower than Eval) **PC4b:** Eval and GAD varied significantly from the average ratio of 1, between SP 1 to 15. GAD is much higher than Eval.	Discrepancy in PC4b due to methodology for splitting the base load and switch demand.
Y23_2 Vs Y22_2 evaluated regressions at 10-year average NETs for 2018/19	Y23_2 we saw higher evaluated demand for PC4b btw 24 and 27 Dec, and 30 Dec to 2 Jan. PC4s for the same date range Y23_2 had a lower evaluated demand. Total demand looks ok. No overall issues identified.	
Data Analyst analysis for Y23_2 GADs	(see table below)	Table presented by Data Analyst at the last PEG meeting.
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. The only exception is 20_STREGSMRBH201920.xlsx (Summer/Bank Holiday) which has differences between +0.4% and -0.6%.	
Group Average Annual Consumptions (GAACs)	No overall issues identified.	
Negative evaluation counts at long run average NETs +/- 10ºF for an evaluated matrix	(see table below)	

Table for "Data Analyst analysis for Y23_2 GADs":

PC	Avg Demand	Avg Std Error	Precision 2019/20
1	0.47075	0.026	5.52%
2b	0.65515	0.05835	8.91%
2s			
3	1.71274	0.12028	7.02%
4b	2.84275	0.1723	6.06%
4s			

Table for "Negative evaluation counts":

Profile Class	HH Count + 10ºF	HH Count - 10ºF
PC1	0	0
PC2b	0	0
PC2s	6	0

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Check	Results				Comments
of **365 x 48 values.** **(17,520 half-hourly** **evaluations)**	PC3	0	0		
	PC4b	0	0		
	PC4s	1	0		

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