XBID_TSO_CFG_02: CMM Reference Data Management

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Approval

Version	Date	Name	Function	Signature
1.1	15/07/2021	TSO SC	N/A	N/A

Previous versions

Version	Date	Author	Summary of changes
0.1	14/10/2016	Statnett	Initial draft
0.2	29/09/2017	O TF	Review and clean up
0.3	09/04/2021	OTF Chair	Added footnote to step 4a
0.4	18/04/2021	OTF Chair	Specified minimum lead time for changes
1.0	09/06/2021	OTF Chair	Creation Final version
1.1	05/07/2021	TSO PMO/OTF Chair	Typo corrections and renaming MRC

Remarks

The purpose of this procedure is to provide a clear description of what every party involved in the XBID process, has to do with regards to a change of Reference data in the CMM reference Data Module for XBID. The need for a change will first be addressed as a Notification to the XBID OPSCOM. The Reference data in XBID needs to use the same definitions, and the XBID system needs to do the same change accordingly. The requirement for XBID is that a*ll necessary systems will be able to handle the Reference Data changes within 4 weeks (4 weeks for a Market Area change)* after it has been notified to the XBID OPSCOM. The same requirements applies for XBID (OPSCOM).

Table of Contents

1. Introduction

The objective of this document is to provide the overview of all needed actions that have to be taken in case of a change in the Reference Data in the XBID CMM Module (CMM Reference Data Module).

Depending on the nature of the change, the CCA will classify the change request as for Notification Only, For Approval, etc.

The need for a change will be addressed as a Notification to the OPSCOM for Day Ahead.

In parallel, the need for a change will be addressed as a Notification to the XBID OPSCOM.

The Reference data for XBID needs to use the same definitions/topology/setup, and the XBID system needs to do the same change accordingly.

The definition of Reference data change in CMM is:

- Create TSOs

- Delete TSOs

- Create Market Areas

- Modify Market Areas

- Delete Market Areas

- Create Delivery Areas

- Modify Delivery Areas

- Delete Delivery Areas

- Create Borders

- Modify Borders

- Delete Borders

- Create Interconnectors

- Modify Interconnectors

- Delete Interconnectors

1.1. Summary

Management of CMM Reference data needs to be done in a coordinated way since these type of changes affects all modules in XBID. Need for change is usually (always) triggered as a notification in the XBID Market (to OPSCOM). Same type of notification must be sent to the SDAC OPSCOM and handled according to the Change Control Procedure (XBID_TSO_ OTH_03). If the notification meets the requirement (notification sent 4 weeks before, or other formal requirements/conditions) then this procedure can be executed. This type of changes is strictly connected to the change in the SDAC Market. If the changes are performed in SDAC and not in XBID, the consequences for XBID are closed Areas and/or interconnectors/borders. If the changes in DA fails, the change in XBID needs to roll back (or not to be performed).

1.2. Governed / Regulated by

TSO Cooperation in Intra Day (TCID) in the XBID project, and also the Change Control Procedures linked to the Agreement.

In addition, the changes of Day Ahead Areas/XBID Bidding Areas, interconnectors/borders are also subject to rules for the physical market, and approval (consent) of the Regulator affected.

The procedure set out in this document will be annexed to TCID.

1.3. Tools and communication protocols

XBID system reference data including CMM, SM and SOB

PXs (NEMO's) Pre-Coupling and Post-Coupling Modules (common and local)

TSO Pre-Coupling and Post-Coupling Systems (common and local)

1.4. Pre-requisites – Associated procedures

The change of the Market bidding Areas is addressed to the SDAC (OPSCOM)

In parallel the change is addressed (by a Notification) to SIDC (OPSCOM)

2. Procedure

2.1. Preconditions to start

The TSO has made a decision to do a change in the setup for the SDAC Market that affects the CMM Reference Data in CMM. The change must be notified by the TSO to the SDAC OPSCOM, and to the SIDC OPSCOM no later than 4 weeks before implementation, and immediately upon receipt of such notification. The affected NEMO(s) will publish that change to the Market(s).

2.2. General overview

- The TSO will send the information of changed Reference data to the affected NEMO(s).

- The NEMO(s) will publish the information to the Market(s).

- The TSO/NEMO will communicate the change to other affected parties in XBID (in SIDC OPSCOM) in accordance with Change Control Procedures agreed within those respective parties.

In the following table the procedural steps are described in the context of XBID Market.

#	Process	Start - End	From	To	Tool	BACKUP	FALLBACK
1.	Send the information of the change as the need for the change is recognized. Required information is: – Date of change – Areas involved – Per Area what will be the change	Minimum 4 weeks before the change will take effect	TSO(s) with change	Affected NEMO's and affected TSO's		n/a	n/a

	— Change of Interconnectors/Borders						
*	Testing of change	Minimum 2 weeks before the change will take effect	Implementation Manager	-	SIMU environment.	n/a	n/a
2.	Publish information to the market	Minimum 2 weeks before, and directly after receipt of 1.	Affected NEMO's	Market Participants		n/a	n/a
3.	Communicate to other affected parties in XBID	Minimum 2 weeks before, and directly after receipt of 1.	TSO with change/ NEMO	All NEMO's, Affected TSOs		n/a	n/a
4a.	Implement global changes/Reference data in XBID systems[1]	To be completed before DA process starts for the date effective	Data sent by affected TSO's, affected NEMO's	Implemented by Central Admin CMM, SM, SOB		Affected TSO's, affected NEMO's	n/a
4b.	Implement changes in local systems	To be completed before DA process starts for the date effective	Affected TSOs and affected NEMO's			n/a	n/a
5a	Verify global changes/Reference data in XBID systems	To be completed before DA process starts for the date effective	Central Admin CMM, SM, SOB				

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[1] The Central Admin CMM shall implement as far as possible all changes of the Reference data in the XBID system by means of ending an existing validity period and starting a new validity period.

5b	Verify changes in local systems	To be completed before DA process starts for the date effective	Affected TSOs and affected NEMO's				

2.3. Process Clarification

2.3.1. Send the information of the change

The requested change of the Reference data is described by means of the Change Request Form which is part of the Change Control Procedure. In particular the changes to the Reference data is detailed to the level needed by the Central Admin to modify the Reference data in the XBID Systems. For this purpose the requesting party indicates all changes in a copy of the sheet with Reference Data under control at SIDC OPSCOM.

2.3.2. Testing of change

All changes on the Reference data are tested in one of the test environments available to the SIDC OPSCOM before the change can be applied to the production environment. Involved parties validate the change once the Central Admin has applied the changes to the test environment.

2.3.3. Publish information to the market

Where changes to the Reference data have a noticeable impact to the market, the affected NEMOs will have to inform the market parties.

2.3.4. Communicate to other affected parties in XBID

To ensure that all affected parties are prepared for the upcoming change, even where these parties don't have to make changes in local systems, the upcoming change is addressed to all affected parties in XBID.

2.3.5. Implement global changes/Reference data in XBID systems

After approval of the changes applied to the test environment and on the agreed date the Central Admin applies the change to the production environment.

2.3.6. Implement changes in local systems

Depending on the type of change to the Reference data it may be needed to make changes to local systems. The changes on local systems are the responsibility of the involved/affected local parties.

2.3.7. Verify global changes/Reference data in XBID systems

Once the Reference data in the production environment has been modified by the Central Admin the changes are validated by the parties requesting the change of Reference data.

2.3.8. Verify changes in local systems

Where changes have been applied to local systems these changes are to be validated to ensure correct behaviour of the local systems and the XBID system.

As changes of the Reference data in the XBID system also can have an impact on the inbound and outbound data exchanges between local systems and the XBID system it may be needed to verify the behaviour of the local systems.

2.4. Final state

New Reference Data setup are implemented successfully from effective date for all involved parties.