

## XBID\_JOINT\_EXC\_01: Closing and re-opening of Interconnector

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### Approval

Version	Date	Name	Function	Signature
0.1	23/10/2013	Nord Pool	Writing NEMO	
0.2	18/04/2016	Proc. TF		
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0.9	28/09/2017	T. Bus		Cleaned up. Only escalation point left.
1.0	16/10/2017	O TF		Emergency closure addressed.
1.1	09/11/2017	Energinet	Comment/ Specification	<p>By having operational cases in the procedure, which have to be followed by OTH_02, we are mixing different obligations from REMIT and XBID. This procedure should describe cases related to issues with XBID systems and internal IT Systems.</p> <p>Thus, I have removed (in Track Changes) Case 8 and 10 from the table and described that operational issues are out of scope, however, methods of this procedure can be applied to close IC in XBID.</p>
1.2	15/12/2017	O TF	Comment/ Specification	Added case for closure of interconnectors of a delivery area with multiple delivery areas within a market area
1.3	04/06/2018	TenneT TSO B.V.		Final clean up before GoLive
1.4	27/03/2019	O TF Chair		Minor textual changes
1.5.	09/09/2019	LTC and OTF chair		Added introductory note that the order of actions when closing interconnectors and reopening

				interconnectors is not predefined.
1.6	29/10/2019	O TF Chair		Included note to request the service provider for support in case of unavailability of the GUI.
1.7	14/11/2019	O TF Chair		Included reference to message XBID_JOINT_08
	18/11/2019	O TF Chair		Finalization
1.7.1	26/06/2020	O TF Chair		Minor changes as a result of review
1.7.2	22/08/2021	O TF Chair		Extension of Annex 1 for 3 <sup>rd</sup> wave extension
1.7.3.	18/11/2021	O TF Chair		Amendment of Annex 1 on transit shipping to reflect Poland becoming Multi Nemo area

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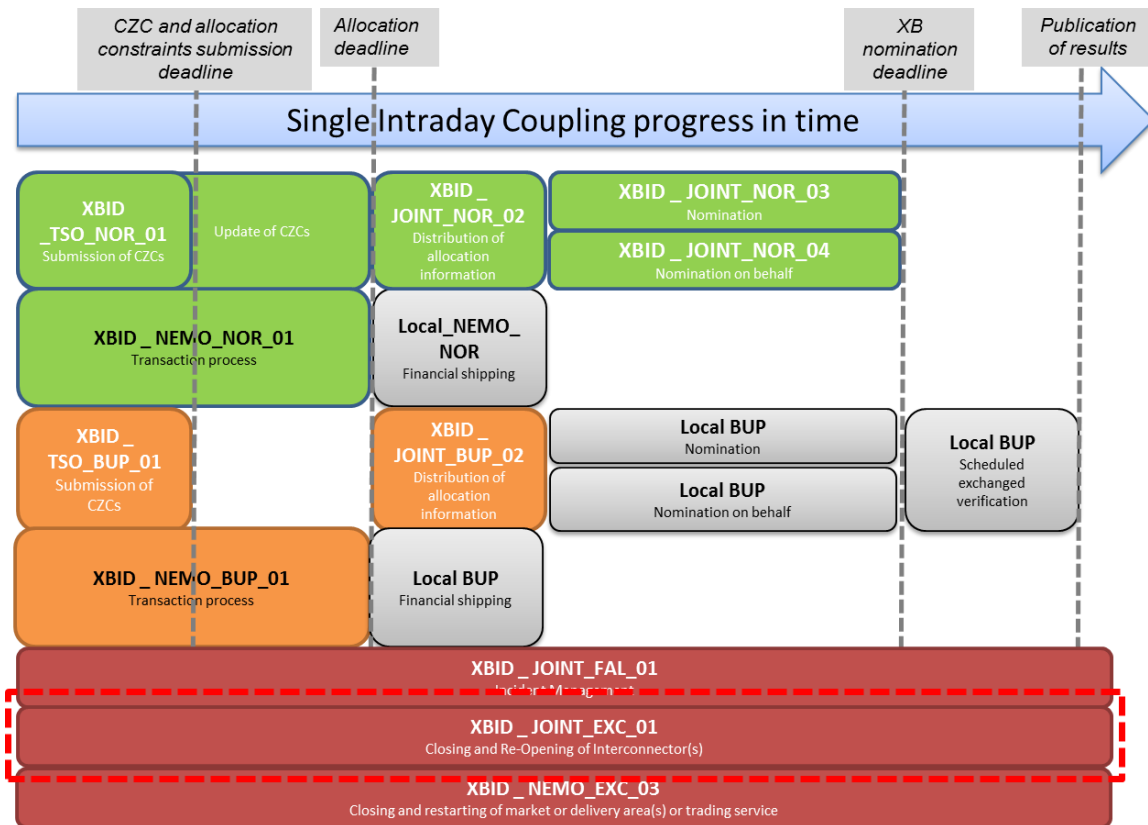
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# 1. Introduction



The procedure describes the steps that should be taken when an interconnector needs to be closed in one or both directions, due to issues with the XBID system, or internal IT Systems. This can be done by a TSO actively closing the interconnector in one or both directions, this is referred to as a Directional and Service Halt in the CMM. It is also possible in CMM to immediately suspend the allocation in specific time intervals via the Contract Halt or schedule suspension of the allocation for specific time intervals via the Contract Modification. In order to reduce operational risk, the NEMOs can request the closure of an interconnector from the relevant TSO. The TSO will have to act on this request and close the interconnector. Furthermore the TSOs have the option to halt tradable time units in CMM.

As soon as the issue for closing an interconnector is solved, the interconnector can be re-opened again applying the correct procedure as set forth in section 2.3.

Please note:

- Capitalized terms used in the operational XBID procedures have the meaning set forth in Exhibit 1 of the Intraday Operations Agreement (IDOA).
- In the unexpected event that TSOs need to close interconnectors and TSOs cannot reach the GUI of the XBID System, the service provider of the XBID System must be requested for support.
- Communication on issues, such as issues in the grid and (un)expected outages of interconnectors, is out of scope for this procedure and addressed specifically in XBID\_JOINT\_OTH\_02: Internal and external communication. Nevertheless, the recommended methods of closing the Interconnector are applicable in the case of operational issues.

- The order of actions to be performed by TSO operators is not defined unless explicitly agreed in the incident committee. The TSO operator first of all gives priority to actions to secure the TSO operational process.
- Whenever closing/opening of an interconnector is mentioned in this procedure it can be done in all kind of ways. The TSO operator decides which way of closing/opening is used.

### 1.1. Governed / Regulated by

- Intraday Operations Agreement (IDOA)
- REGULATION (EU) No 1227/2011 on wholesale energy market integrity and transparency (REMIT)

### 1.2. Tools and Communication protocols

- XBID System
- Telephone / email/ unavailability service system
- Market Messaging system of NEMOs and TSOs

### 1.3. Associated procedures

Backup procedures

- XBID\_JOINT\_BUP\_02: Distribution of allocation information.

Other associated procedures:

- XBID\_JOINT\_FAL\_01: Incident Management
- XBID\_JOINT\_OTH\_02: Internal and External Communications

## 2. Procedure

### 2.1. General overview

The table below lists the cases that could lead to closing of the interconnector(s) and the method that shall be used in the specific case.

Chapter 2.2 deals with the actions that should be taken in order to solve the identified issues.

*Table 1 – Non-limitative reasons for closing interconnector:*

#	Reasons for closing interconnector	Recommended method of closing interconnector
1	CMM and/or SM cannot aggregate allocation information	TSO to perform a Service Halt, for the concerned interconnector(s), <b>in the CMM module of the XBID System</b>
2	Allocation information cannot be determined by SM or CMM.	TSO to perform a Service Halt, for the concerned interconnector(s), in the CMM

#	Reasons for closing interconnector	Recommended method of closing interconnector
3	SM or CMM cannot send the allocation information	TSO to perform a Service Halt, for the concerned interconnector(s), in the CMM
4	TSO Post-Coupling System cannot receive or rejects the allocation information from the XBID System	TSO to perform a Service Halt, for the concerned interconnector(s), in the CMM
5	TSO Post-Coupling System fails to integrate the allocation information	TSO to perform a Service Halt, for the concerned interconnector(s), in the CMM
6	A NEMO requests the closure of one or more interconnectors to mitigate an operational risk (misalignment of nominations). (see conditions below the table)	TSO to perform a Service Halt, for the concerned interconnector(s), in the CMM
7	Available capacity or ramping constraints exceeded unexpectedly	TSO to perform a Service Halt in the CMM for the concerned interconnector(s)
8	Unexpected outage of the interconnector	TSO to perform a Service Halt in the CMM for the concerned interconnector(s)
9	(Un)expected outage of a post-coupling system	TSO to perform a Service Halt, a Directional Halt, a Contract Halt or a Contract Modification in the CMM for the concerned interconnector(s)
10	Operational issues in a grid at one of the ends of the interconnector	TSO to perform a Service Halt, a Directional Halt or an Contract Halt in the CMM
11	Cross-border nominations at TSOs differ for a specific border.	TSO to perform a Service Halt in the CMM
12	CMM does not accept update of capacity files	TSO to perform a Service Halt, for the concerned interconnector(s), in the CMM

## 2.2. Method of closing interconnectors - Process clarification

### Emergency closure on request of a NEMO or Shipping Agent

Case 6 in table 1 concerns a NEMO requesting (on behalf of his Shipping Agent) or a Shipping Agent to close one or multiple interconnector(s). In order for a NEMO or Shipping Agent to request this, the following criteria have to be met:

- The NEMO (or 3rd party acting as Shipping Agent on behalf of this NEMO) is actually shipping on the interconnector(s) for which the closure is requested.
- The Shipping Agent is facing nomination issues, which result in (risk of) imbalance cost.
- Nomination On Behalf is NOT applicable on the concerned interconnector(s) (see XBID\_JOINT\_NOR\_02 for an overview).  
In case of Nomination On Behalf, NEMOs or Shipping Agents can request the involved TSO(s) to urgently investigate whether the issue at hand is caused by the TSO system. When the issue at hand is not caused by the TSO system or the cause cannot quickly be identified, the TSO will close the interconnector to mitigate overall imbalance costs.
- Grid security is not endangered by this closure of an interconnector.

Please note: an emergency service request for interconnector closure can be made by a NEMO or Shipping Agent, when the following is respected:

- No liability consequence for the TSOs (in case other NEMO(s)/CCP(s) and or SA(s) would contest the closure).
- Response by TSO within 5 minutes to request is on best effort basis, without liability consequences for TSOs and without guaranty that target can be met.

As the closing of the interconnector(s) has not been scheduled in advance, the following steps have to be executed:

- The NEMO (or 3rd party acting as Shipping Agent on behalf of this NEMO) requests the IC SPOC by phone to close one or more interconnector(s). The IC SPOC forwards this request following XBID\_JOINT\_OTH\_02 and sending predefined message XBID\_JOINT\_08. In parallel to the message XBID\_JOINT\_08, the NEMO or Shipping Agent requesting the closure of one or more interconnector(s) may contact the relevant TSO(s) by phone and a confirmation mail. (see Annex 1: List of relevant TSOs per border)
- During the phone call, the TSO may request the NEMO or Shipping Agent to contact the other TSO in charge of the interconnector when the TSO operator has to fulfill other tasks with higher priority. (see Annex 1: List of relevant TSOs per border)
- The TSO will perform a Service Halt on the interconnector(s) in the XBID System as soon as possible after the request made by phone call and/or upon receipt of e-mail confirmation.
- The TSO will inform NEMOs and relevant TSO(s) about the closure and the reasons for closing the interconnector(s), by following XBID\_JOINT\_OTH\_02, based on the predefined message XBID\_TSO\_04.
- The TSO(s) will inform the Explicit Market Participants/ BRPs by locally predefined market message, ASAP after the interconnector has been closed.
- The NEMO(s) will inform their market participants, ASAP after the interconnector has been closed.
- If not started yet, an incident committee is triggered by the IC SPOC requesting the emergency closure (see procedure XBID\_JOINT\_FAL\_01).

If the issue is solved (miss-alignment of nominations) then NEMO(s) need to inform relevant TSO(s) that the interconnectors which were closed previously can be reopened in accordance with 2.3.

### **Closure of interconnectors of a delivery area with multiple delivery areas within a market area**

A TSO may request to close its delivery area if internal interconnectors cannot be closed. The requirements and process is described in XBID\_JOINT\_OTH\_05.

### Halt performed in the XBID System (other cases)

When one of the cases listed in Table 1 or another unplanned event occurs and there is a need to quickly close an interconnector there are five (5) available methods:

1. Directional Halt, which prevents the allocation of capacity for the selected direction of the specific interconnector by setting all contracts in that direction to the status Halt,
2. Service Halt, which prevents the allocation of capacity for both directions of the selected interconnector by setting all contracts to the status Halt.
3. Contract Halt, which prevents the allocation of capacity for a specific contract and where trading for other contracts is still possible.
4. Contract Modification, which prevent the allocation of capacity for a specific contract from a rescheduled Gate Closure Time and where trading for other contracts is still possible.
5. The Service halt, Direction halt and Contract halt can be also achieved by sending a negative NTC, following procedure XBID\_TSO\_NOR\_01, which prevents the allocation of capacity for the contracts and direction of the specific interconnector where a negative NTC was sent.

### The relevant TSO will close the interconnector in the XBID System:

In the case where the relevant TSO will close one or both directions of the interconnector the following steps will be taken:

1. In case the closing of the interconnector is known in advance (e.g. in case of planned outage/maintenance on post-coupling systems)
  - This needs to be announced to all relevant parties based on a locally predefined process. TSOs will inform NEMOs and relevant TSOs by following XBID\_JOINT\_OTH\_02 about the closure and the reasons for closing one or both directions of the interconnector(s) based on the predefined message XBID\_TSO\_03.
  - The TSO(s) will inform the explicit market participants/ BRPs by locally predefined market message.
  - The NEMO(s) will inform their market participants by market message ASAP.
  - The TSO will perform a Directional Halt, a Service Halt, a Contract Halt or a Contract Modification on the interconnector in the XBID System.
2. In case the closing of the interconnector is not known in advance, the following steps have to be executed:
  - The TSO will perform a Contract Halt, Directional Halt or a Service Halt on the interconnector in the XBID System.
  - The TSO will inform NEMOs and relevant TSO(s) about the closure and the reasons for closing one or both directions of the interconnector(s), by following XBID\_JOINT\_OTH\_02, based on the predefined message XBID\_TSO\_04.
  - The TSO(s) will inform the Explicit Market Participants/ BRPs by locally predefined market message, ASAP after the interconnector has been closed.
  - The NEMO(s) will inform their market participants by a market message, ASAP after the interconnector has been closed.



## 2.3. Method of re-opening interconnectors – Process clarification

### Allocation activation performed in the XBID System

When the reason to close one or both directions of the interconnector no longer applies or partially has been resolved (e.g. reduction of capacity in case of multiple interconnectors on a border) the relevant TSO reopens the interconnector according to the following process:

- If the closure of the interconnector was requested by a NEMO the same NEMO requests the relevant TSO(s) by phone to re-open the concerning interconnector(s). In parallel to the phone call, the NEMO requesting the re-opening of the concerning interconnector(s) sends the relevant TSO(s) a confirmation mail, unless otherwise agreed in local arrangements.
- The TSO will inform the relevant TSO(s) (and NEMOs in line with XBID\_JOINT\_OTH\_02 by predefined market message XBID\_TSO\_02 ASAP on the opening time of the interconnector (phone call and/or email or via unavailability service system);
- The TSO(s) will inform the Explicit Market Participants/BRPs by predefined market message XBID\_TSO\_02 ASAP after the re-opening of the interconnector has been planned;
- The NEMO(s) will inform their market participants by predefined market message XBID\_TSO\_02 ASAP after they have been informed on the planned re-opening of the interconnector; and
- On the announced time, the TSO actually opens the interconnector by choosing "Service Allocation", "Directional Allocation" or "Contract Allocation" for relevant interconnector or the relevant direction on the interconnector in the XBID System. The interconnector is now open.
- When the Service Halt, Directional Halt or Contract Halt is achieved by submission of negative NTCs, procedure XBID\_TSO\_NOR\_01 is to be followed accordingly with positive NTCs to establish the re-opening.

## 3. Final state

The procedure ends once the Interconnector is reopened.

## Annex 1: List of relevant TSOs per border

Shipping Agent	Border(s)	1 <sup>st</sup> TSO contact	2 <sup>nd</sup> TSO contact
BSP	AT-SI	ELES	APG
	HR-SI	ELES	HOPS
	MA_IT-CP-SI	ELES	Terna
CEPS	DE-CZ	CEPS	50Hz
	AT-CZ	CEPS	APG
	PLC-CZ	CEPS	PSE
CROPEX	HR-SI	HOPS	ELES
	HR-HU	HOPS	MAVIR
EMCO or ECC	DE-CZ	50Hz	CEPS
	AT-CZ	APG	CEPS
	AT-HU	APG	MAVIR
	AT-SI	APG	ELES
	PLC-CZ	PSE	CEPS
	MA_IT-CP-FR	RTE	Terna
	MA_IT-CP-AT	APG	Terna
GME	MA_IT-CP-FR	Terna	RTE
	MA_IT-CP-AT	Terna	APG
	MA_IT-CP-SI	Terna	ELES
MAVIR	AT-HU	MAVIR	APG
	HU-RO	MAVIR	TEL
	HU-HR	MAVIR	HOPS
TEL	HU-RO	TEL	MAVIR
	RO-BG	TEL	ESO