



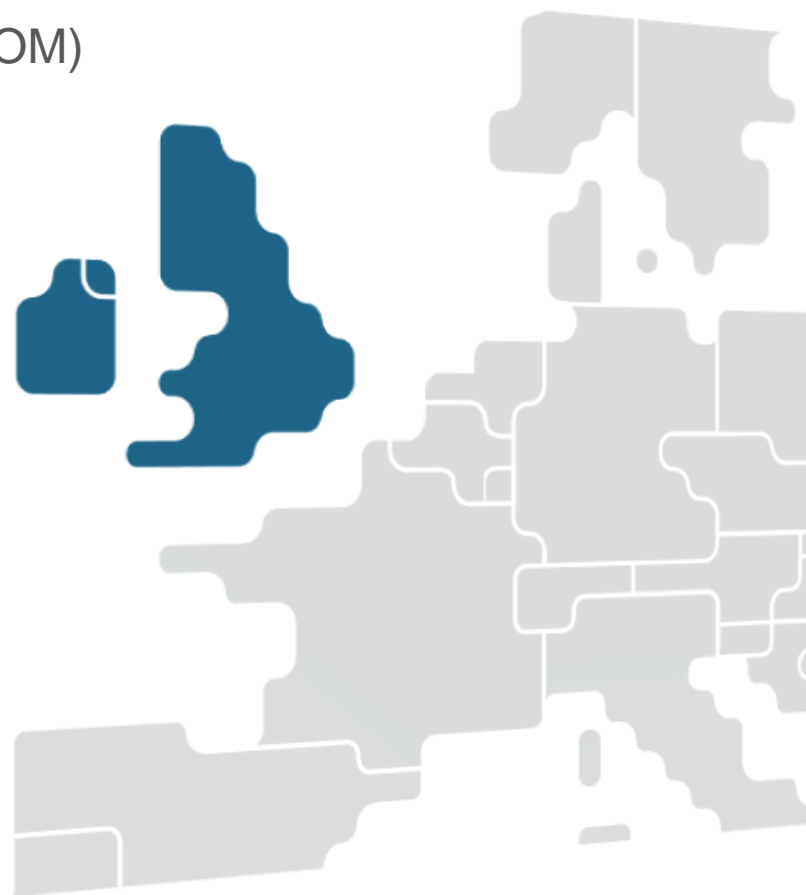
Decoupling training session with Market Participants



SEM-GB Information package

Operations Committee (OPSCOM)

20/12/2022





Agenda

- 1) Background & Goal
- 2) Date and timeslot
- 3) Scenario: Partial Decoupling due to CZC related reasons
- 4) Operational process and timings
- 5) Coordination
- 6) Evaluation and reporting

Backup: Fallback Solutions per Interconnector and Bidding Zone



Background

SEM-GB Parties have been working on enhancement of the decoupling cases in the SEM-GB IDAs to establish a more robust and suitable process for both Stakeholders and Market Participants.

As such, the Full Decoupling due to CZC related reasons has been replaced by a Partial Decoupling due to CZC related reasons, allowing unaffected borders to remain in a coupled auction and extension of the Full Decoupling deadline which will grant more time to solve issue and, in the end, decrease the probability of an auction abortion.

Adding to those decoupling cases change there will also be tested an adjustment of the PMB timings that gives a more generous time window to troubleshoot CZC related issues.

With the implementation of such changes SEM-GB parties have been willing to organize a testing to both test those new processes robustness and give the opportunity to Market Operators to get training on the new operational process.

Goal

- This training session is organized to ensure that the process is well-designed, robust enough and realistic in terms of timing.
- This training session is organized to give all parties involved in a possible SEM-GB market decoupling the opportunity to validate that they are properly prepared to handle such an incident in real operations and real-life conditions.

2. Date and Timeslot



Date

- 16/01/2023 and 17/01/2023 (contingency day)

Timeslot

Partial Decoupling due to CZC reasons				
Step	Description	System	Simulation Time	IDA1 Production Timing
1	Start of the Market Coupling Session	PMB	13:05	16:05
2	Target Time for submitting CZC's	PMB	13:15	16:45
3	Latest Time to start an Incident Committee	Phone	13:15	16:45
4	Sending of the: "Risk of Partial Decoupling" market message	Email	13:30	17:00
5	Sending of the: "Partial Decoupling due to CZC reasons and Local Auction" market message	Email	13:45	17:15
6	Runnin of Local Auction (where applicable)	Local Trading System	14:00	17:30

Timings listed above are in GMT

2. Date and Timeslot



Date

- 16/01/2023 and 17/01/2023 (contingency day)

Timeslot

Production Timings Test Timings

Pre-Coupling

Coupling

Post-Coupling

IDA1	Test IDA	
17:00	14:00	IDA session created in the PMB
17:05	14:05	Start of the Market Coupling Session in PMB
17:45	14:15	Target Time for submitting the Network Data file to the PMB
17:45	14:15	Latest time to start an IC for missing Network Data
18:00	14:30	Deadline for informing about the risk of Partial Decoupling
18:15	14:45	Deadline to declare the Partial Decoupling due to CZC reasons
18:30	15:00	PX Order book Gate Closure Time
18:35	15:05	PMB GCT // Reception of all Order Data files in the PMBs → Start of Calculation
19:15	15:45	Latest Time to start an IC for Order Data-related reasons
18:40	15:10	Estimated time for the end of PMB/ Euphemia Calculation (could be earlier)
18:42	15:12	Reception of Results in all PX Systems → Start of 7 min Preliminary Confirmation process
18:49	15:29	Deadline to send the Preliminary Confirmations to the PMBs → Generation of GPC
19:00	15:30	Publication of Preliminary Results and sending of Results for validation to EirGrid/SONI --> Start of 5 min Final Confirmation process
19:00	15:30	(If Preliminary Results are not available): Sending of the delay message
19:07	15:37	Deadline to send the Final Confirmations to the PMB
19:09	15:39	Generation and sending of GFC
19:10	15:40	Publication of Final Results → Start of the Post-Coupling process
19:15	15:45	Latest time to Start an IC in case of risk of Full Decoupling
19:30	16:00	Deadline for informing about the risk of Full Decoupling and Running of Local Auction due to technical issues
20:15	16:45	Deadline to declare the Full Decoupling and Running of Local Auction due to technical issues

Please note: Timing is in CET.

3. Scenario: Partial Decoupling due to CZC related reasons



Partial Decoupling

- Within the SEM GB Market, the existing decoupling trigger of a “CZC-related reason” will change classification from a FULL DECOUPLING to a PARTIAL DECOUPLING.
- Due to the impact that the CZC-related trigger has on members, and with this trigger requiring a change in procedural approach for members, this scenario will be applied to ensure that the training session is **interesting for all participating parties.**
- After the SEM GB partial decoupling (for CZC-related reasons) is declared, **fallback mechanisms will be activated**, where applicable, such as: **Shadow/Explicit Auctions and/or local auctions or regional coupled auctions run by NEMOs.**

How it will be simulated

Although there are 2 official triggers for a SEM GB decoupling, there are various issues that can lead to a trigger being encountered.

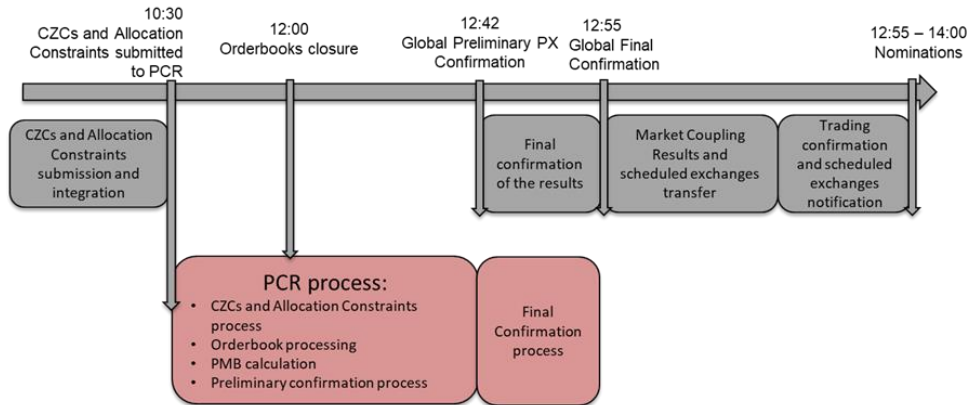
Based on 4 years of SEM-GB Market Coupling operations we have decided to simulate:

- A trigger that has required a change in procedural approach/classification
- A scenario that is besides representative, also possible to “simulate in a controlled manner” so that there are no distracting complications.
- A partial decoupling due to issues with the submission of cross-zonal capacities. EirGrid/SONI will not be able to generate/provide the capacity file. This means that no SEM-GB market coupling results will be available at the usual publication time of the auction, but local auctions will be triggered depending as per the operational processes.
- The TSOs, NEMOs and JAO will **handle everything in line with the procedures.**
- The **market participants are expected to respond/act**, based on the operational messages from their respective NEMOs and JAO, **exactly like in real operations.**

4. Operational process and timings 1/3



Normal process and timings (GMT)



- To start with, all TSOs will be expected to provide cross border interconnector capacities to the coupling system (PMB, meaning PCR Matcher Broker) via NEMOs systems and Market Participants send orders for buying and/or selling through the Local Trading System of their NEMO.
- At 08:00/17:30 GMT (production time for respectively IDA2 and IDA1 Auctions), the local order books of each NEMO are closed and submitted to the PMB, which subsequently starts the calculation with the EUPHEMIA algorithm. The results of this calculation are subsequently shared and validated by each NEMO before the results can be published towards Market Participants with a preliminary status. After a last round of validations (mainly performed by the TSOs) the results are confirmed as firm and final.
- Once the results are firm, they are sent to the Shipping Agents who will nominate towards the TSOs.



For a full list of the auction timings and market messages that will be issued as part of this session, please refer to the “SEMOpX Auction Timings and Market Messages” document contained on the SEMOpX website.

Please find below the updated test message timings that you will expect to receive during the test session.

External Message:

SEM-GB (IDA) Auction – Risk of Partial Decoupling

Sending Time (GMT/BST)	Market Message Title	Communication
18:00 (IDA1) / 08:30 (IDA2 (real time)) 13:30 (test time)	SEM-GB_IDA_UMM_01a: Risk of Partial Decoupling for one or more interconnectors	<p>Please be aware that this Intraday Market Coupling Session is experiencing severe technical issues due to CZC related reasons. Therefore, this Intraday Auction encounters a risk of partial decoupling for the following interconnectors:</p> <ul style="list-style-type: none"> • ROI-GB2 • NI-GB2 • GB1-GB2 <p>If the issue is not resolved, another message will be sent out at 18:15 (IDA1) and 08:45 (IDA2) to announce the decoupling of the concerned interconnectors.</p> <p><i>Disclaimer: The timings are expressed as CET timings.</i></p>



External Message:

SEM-GB (IDA) Auction – Partial Decoupling

Sending Time (GMT/BST)	Market Message Title	Communication
18:15 (IDA1) / 08:45 (IDA2 (real time)) 14:00 (test time)	SEM-GB_IDA_UMM_01b: One or more interconnectors decoupled	<p>Due to network data issues, the following interconnectors are decoupling from the Intraday Market Coupling Session:</p> <ul style="list-style-type: none"> • ROI-GB2 • NI-GB2 • GB1-GB2 <p>For the interconnectors that remain coupled, please follow the Intraday Market Coupling rules as normal and the order book will close at the usual time ie 18:30 (IDA1) or 09:00 (IDA2).</p> <p>For the decoupled bidding zone, please follow the local auction rules.</p> <p><i>Disclaimer: The timings are expressed as CET timings.</i></p>



Registration process

- Participants have been requested to provide the following information in order to register in the Market Trading System for this test:
- Member Full Name, Member Shortname and ECC Code + contact details.

Environments to connect to

- EPEX: ETS SIMU2

Environment	EPEX SIMULATION 2
ETS version	3.6.5 / 3.6.5.1
ETS Server address	ets.svpx.simu2.epexspot.com port 443
API hostname / API port	api1-ets.svpx.simu2.epexspot.com
API end point	https://api1-ets.svpx.simu2.epexspot.com/OpenAccess/3.4 (if using the 3.4.6 schema) https://api1-ets.svpx.simu2.epexspot.com/OpenAccess/3.5 (if using the 3.5.1 schema) https://api1-ets.svpx.simu2.epexspot.com/OpenAccess/3.6 (if using the 3.6.4 schema)
API WSDL version	WSDL v3.6 Supported API schemas: 3.4.6, 3.5.1, 3.6.4 To retrieve the WSDL: https://api1-ets.svpx.simu2.epexspot.com/OpenAccess/3.6?wsdl



Evaluation

In order to jointly learn and profit as much as possible from this joint training session, it foreseen to evaluate the session and to address the following questions

- What went well?
- What needs more attention?
- Need for more training sessions?
- Ideas for the future?

Reporting

The findings will be captured in a report that will be shared in due time.



Options

Depending on the Interconnector/border, the following Fallback solutions may be used:

- Capacity goes to the next Intraday Auction for the same Trade Date

Interconnector	Fallback solution
ROI – GB2 (EWIC)	Capacity goes to the next Intraday auction for the same Trade Date
NI – GB2 (Moyle)	Capacity goes to the next Intraday auction for the same Trade Date
NI – ROI	NI-ROI always remains coupled



Options

Depending on the local/regional procedures, the following Fallback solutions may be used:

- Local auctions run by the relevant NEMOs
- Remaining (not impacted) NEMO's remain coupled