Single Day-Ahead Coupling (SDAC)

Fallback Manual

Including Normal Day and Delay Situations

Version 1.5

MCSC

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Annexes for Regional Specificities Related to Decoupling Situations:

- Core
- IBWT
- Nordic-Baltic Region
- Poland
- RO-BG
- South-Western Europe Region (SWE)

Acronyms and Definitions

CACM	Capacity Allocation and Congestion Management
CET/CEST	Central European Time (CET) / Central European Summer Time (CEST) **All times in this document are expressed in CET/CEST.**
CZCs	Cross-Zonal Capacities (generic term used to designate both ATC and FB parameters, including Allocation Constraints)
ExC	External Communication (market message)
MPs	Market Participants
MTU	Market Time Unit
NEMO	Nominated Electricity Market Operator (Power Exchange/PX)
SA	Shadow Auctions
SDAC	Single Day-Ahead Coupling (price coupling of multiple regions)
TSO	Transmission System Operator

Market Coupling Results	Results (prices, volumes and scheduled exchanges) published by NEMOs for the SDAC auction
Preliminary Market Coupling Results	Market Coupling Results published after the first round of validation performed by the SDAC NEMOs, not yet to be considered as firm
Final Market Coupling Results	Market Coupling Results already published and that are confirmed as being firm, after the second and final round of validation performed by the SDAC NEMOs and/or TSOs
Local Market Results	Market Results published by NEMOs independently of one another, after the decoupling from SDAC, based on local market rules
Fallback	Process used in case of decoupling of SDAC (partial or full decoupling) in order to ensure market continuity

Communication Channels for Operational Market Messages and Useful Links

Market messages exchanged during the execution of the SDAC auction will be published either individually (by each entity) or centrally.

The real time communication channels towards market participants available for the SDAC auction are the following ones:

- JAO's message board (link)
- NEMOs' individual websites and email communication
- TSOs' individual websites and email communication, depending on each TSO

The SDAC operational procedures are available on the websites of NEMO Committee and ENTSO-E.

The SDAC Fallback Manual is also published on the websites of NEMO Committee and ENTSO-E. Please make sure to always have the latest version.

General remarks for Operational Market Messages

Market messages contain repetitive elements that are not dispayed in this Fallback Manual but will be included at the end of market messages.

Repetitive element displayed in every market messages:

- All SDAC messages have the following reference to the Fallback Manual: **„***Further information can be found in the Fallback Manual that is published on the websites of NEMO Committee and ENTSO-E.”.* This sentence is not displayed on the slides to avoid repeating the same content.

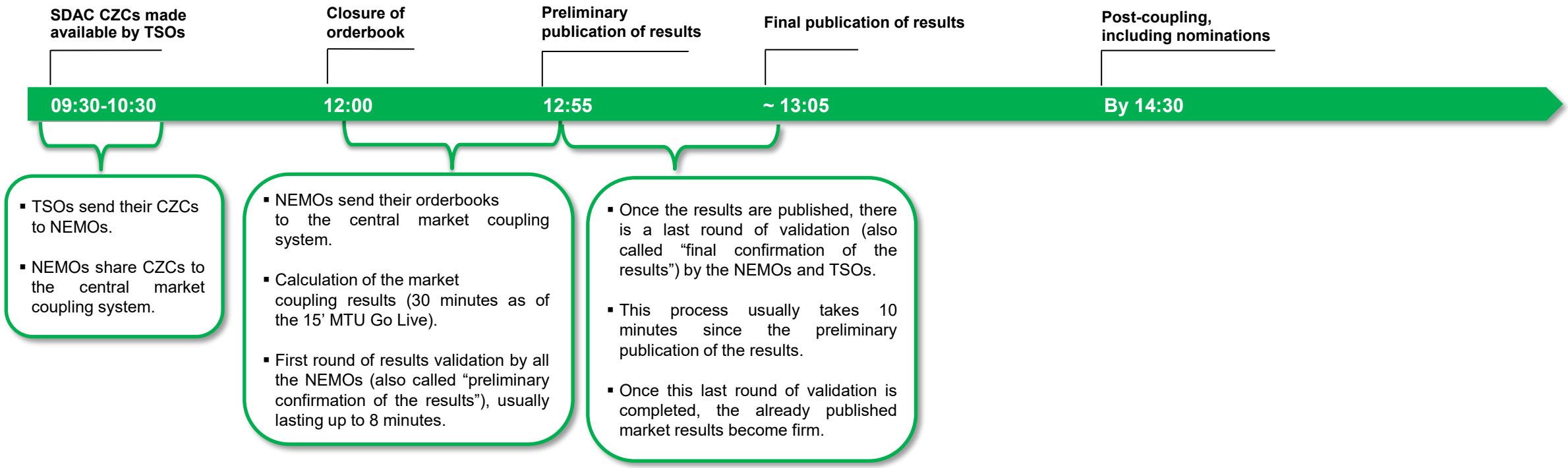
Repetitive element displayed in those market messages that refer to a specific time:

- Disclaimer: The timings are expressed as CET/CEST timings.

Please note that the indicated message sending times are the target times, messages might be sent a few minutes later in operation.

SDAC Normal Day Timeline

SDAC Normal Day Timeline



Important to know:

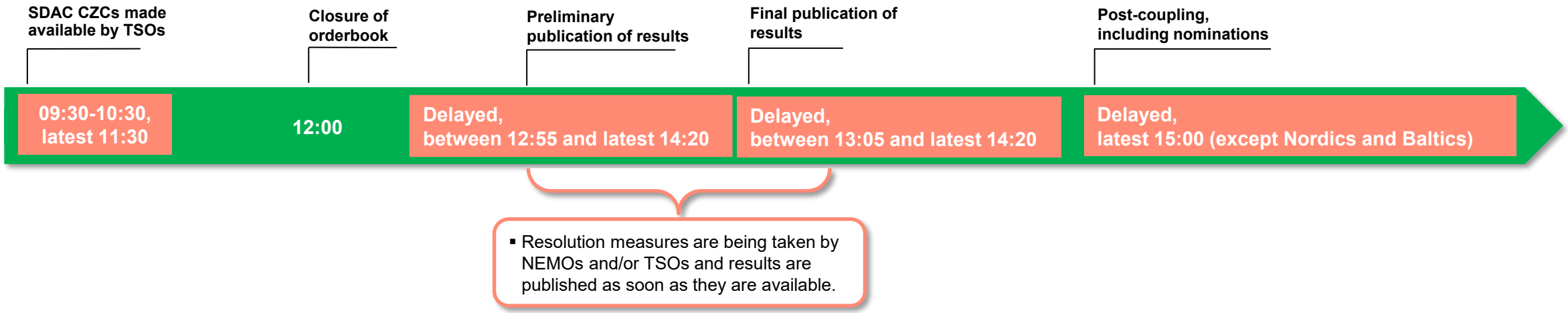
✓ Preliminary publication of the results can never take place before 12:55.

✓ Final publication of results has no predefined fixed time. Hence, the results can be confirmed as being firm with a slight variation every day.

SDAC

SDAC Delay Situation Without Decoupling

Delay Situation Without Decoupling - Timeline



Potential delay reasons:

- Issues related to the CZCs provided by TSOs for market coupling.
- Technical issues or delay situations related to NEMOs processes (trading systems and/or order book collection).
- Technical issues related to the central market coupling system or algorithm.
- Longer calculation process needed by the central algorithm to reach valid market coupling results.

Delay situations:

1. Preliminary results are not available at 12:55.
2. Preliminary results were available at 12:55 but they cannot be confirmed as being firm due to issues encountered in the final confirmation process. Therefore, the final publication is delayed until results are being confirmed by all NEMOs and TSOs.

Important to know:

- ✓ Results cannot change between the preliminary and the final publication stages. If preliminary results are rejected in final confirmation stage, they are cancelled and a new round of preliminary results is expected to be published. In such case a dedicated message (SDAC_ExC_05) will be sent. This second calculation process can still be finished before the SDAC full decoupling deadline which would result only in a delay situation.
- ✓ If the issue is not solved until 14:20, a dedicated message (SDAC_ExC_04b) will be sent out to announce the Full Decoupling.
- ✓ Latest publication time of SDAC market coupling results is the SDAC full decoupling deadline of 14:20.
- ✓ Delay situations can affect the nomination deadlines. An overview can be found in the relevant document on JAO's website.

Delay Situation Without Decoupling – Market Messages

If there is a delay in the publication of the market coupling results, market participants will receive predefined messages at a specific time. If the results publication finally takes place, the subsequent delay message will no longer be sent out.

Sending Time	Message Title	Message Text
12:55	**[SDAC_ExC_02a]: Delay in preliminary Market Coupling Results publication**	Please be aware that the publication of the preliminary SDAC Market Coupling Results is delayed until further notice. The market coupling results will be published as soon as they are available. If needed, another delay message will be sent out.
12:55 – 14:20 (if applicable)	**[SDAC_ExC_05]: Cancellation of previously published preliminary Market Coupling Results**	Please be aware that the previously published preliminary SDAC Market Coupling Results were cancelled and a new calculation is started. The new preliminary SDAC Market Coupling Results will be published as soon as they are available.
13:10	**[SDAC_ExC_02b]: Delay in final Market Coupling Results publication**	The market coupling process is delayed due to technical reasons or market issues. Therefore, the publication of the final market coupling results is delayed.
13:50	**[SDAC_ExC_03b]: Further Delay of the Market Coupling Session**	Please be aware that the SDAC market coupling session is delayed. Therefore, the market coupling session encounters a risk of full decoupling. If the issue is not solved until 14:20, another message will be sent out to announce the Full Decoupling. For the interconnectors for which Shadow Auctions are applicable, the update of the Shadow Auctions bids is open on JAO's platform. Shadow Auctions results will be published by JAO only if Full Decoupling is declared. Follow JAO's communications for more information (Message board | JAO S.A. Leading service provider for TSOs).

SDAC Fallback
General Concepts and Decoupling Types

SDAC

Fallback - General Concepts - Decoupling Types

The fundamental principle of the Single Day-Ahead Coupling (SDAC) is to couple as many bidding zones and interconnectors as possible.

At SDAC level, two main decoupling situations can occur:

1) A **Partial Decoupling from SDAC** is a situation where one or more NEMOs or bidding zones and/or interconnectors are removed from the Single Day-Ahead Coupling session, while the remaining NEMOs, bidding zones and interconnectors still participate in the coupling.

2) A **Full Decoupling of SDAC** is a situation where no bidding zone and interconnector can remain coupled under SDAC, most likely due to the unavailability of the market coupling results at the full decoupling deadline.

In a decoupling case, the Cross-Zonal Capacities for the decoupled interconnectors are allocated via the available fallback allocation solutions (e.g. Shadow/Explicit Auctions, Intraday Continuous Market, etc.).

Partial and Full Decoupling situation types are described below; more details can be found in the dedicated sections of this presentation.

Partial Decoupling (PD)	Full Decoupling (FD)
1a) PD during the Pre-Coupling process, due to issues related to Cross-Zonal Capacities (11:30 deadline)	2a) FD due to a lack of Market Coupling Results at the FD deadline (14:20)
1b) PD during the Coupling process (13:00 deadline)	2b) FD known in advance (10:30 deadline)
1c) PD known in advance (10:30 deadline)	

Decoupling situations can affect the nomination deadlines. An overview can be found in the relevant document on JAO's website.

Focus on Partial Decoupling (PD) Due to Issues Related to Cross-Zonal Capacities

SDAC

Partial Decoupling Due to Issues Related to Cross-Zonal Capacities – General Concepts

If there are no valid Cross-Zonal Capacities available for one or more SDAC interconnectors, a Partial Decoupling from SDAC will be declared at 11:30.

Main reason of decoupling due to issues related to CZCs:

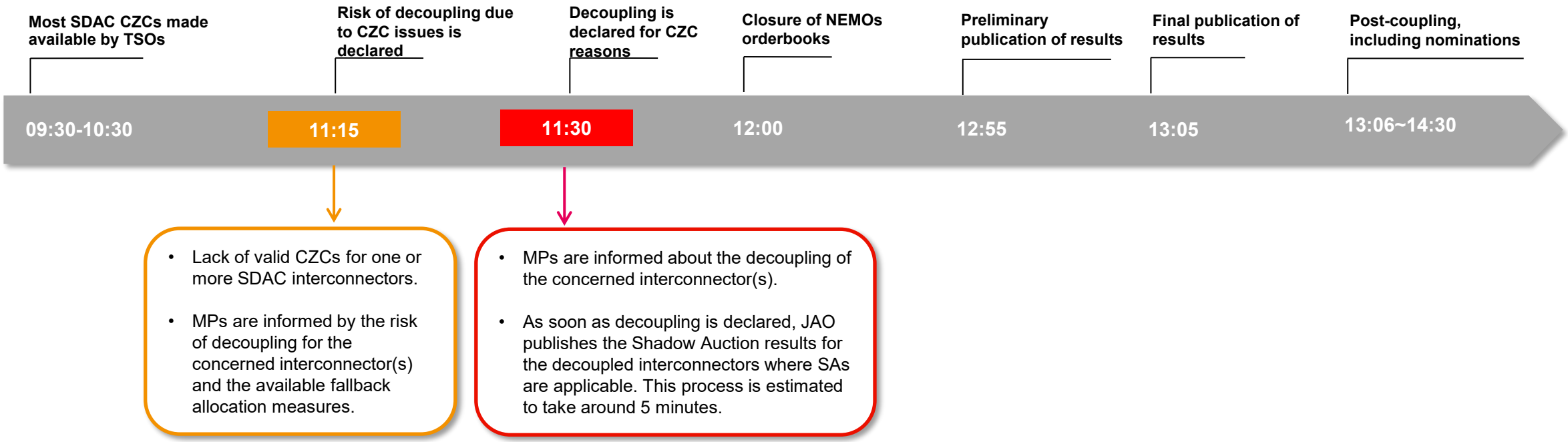
- Capacity calculation encounters a problem and there are no CZCs available on the affected interconnectors.

Consequently, the concerned interconnector(s) is/are removed from the SDAC session.

- **For the interconnectors that remain coupled within SDAC**, the SDAC market coupling session continues as normal: the NEMOs order book gate closure is the usual one (12:00) and the regular publication time (12:55) is maintained (if no other new issues are encountered).

- **For the interconnectors that are decoupled from SDAC**, fallback allocation mechanisms are applicable. See the slide dedicated to the fallback allocation mechanisms (link).
  However, it is very likely that if CZCs are not available for market coupling, they are not available for the triggering of the Shadow Auctions either. In case Shadow Auctions are not possible, the capacity will be used on the Intraday market.

Partial Decoupling Due to Issues Related to Cross-Zonal Capacities - Timeline



Important to know:

✓ Latest time to have valid CZCs for running the market coupling session is 11:30 (latest capacity provision deadline regulated by CACM).

✓ If valid CZCs are available until the decoupling deadline of 11:30, the decoupling process is stopped, and the market coupling session continues as normal. MPs will be informed by JAO about this status.

Partial Decoupling Due to Issues Related to Cross-Zonal Capacities – Market Messages

The table below shows the communication involved in preparing and declaring the decoupling of an interconnector from SDAC due to missing Cross-Zonal Capacities.

Sending Time	Message Title	Message Text
11:15	**[SDAC_UMM_02]: Risk of Partial Decoupling for one or more interconnectors**	Please be aware that the Market Coupling process encounters severe technical issues or extraordinary market situations for the following interconnector(s): [interconnector name] In case of Partial Decoupling, another message will be sent shortly after 11:30 to announce the decoupling of the concerned interconnectors.
11:30	**[SDAC_UMM_03]: One or more interconnectors decoupled**	Due to network data issues, the following interconnectors are decoupled from the Market Coupling: [interconnector name] For the interconnectors that remain coupled, please follow the market coupling rules as usual. For the decoupled interconnector, please follow the local auction rules.

Fallback Allocation Measures Applicable for Each SDAC Interconnector (Part 1)

The table below shows the fallback allocation measures applicable for each SDAC interconnector.

Interconnector	Fallback Solution
Nordic internal borders	Always remain coupled through Nordic-Baltic regional coupling
Baltic internal borders	Always remain coupled through Nordic-Baltic regional coupling
SE4_NB-LT (NordBalt)	Always remains coupled through Nordic-Baltic regional coupling
EE-FI_EL (EstLink)	Always remains coupled through Nordic-Baltic regional coupling
PL-LT (LitPol Link)	Capacity goes back to the interconnector owner
NO2_ND-NL (NorNed)	Capacity goes to Intraday market
NO2_NK-DE (NordLink)	Capacity goes to Intraday market
DK1_DE-DE	Capacity goes to Intraday market
DK1_CO-NL (COBRA cable)	Capacity goes to Intraday market
DK2_KO-DE (KonteK)	Capacity goes to Intraday market
PL-SE4_SP (SwePol Link)	Capacity goes to Intraday market
SE4_BC-DE (Baltic Cable)	None
IT-FR	Shadow Auctions via JAO
IT-AT	Shadow Auctions via JAO
IT-SI	Shadow Auctions via JAO
GR-IT	Shadow Auctions via JAO
BG-GR	Shadow Auctions via JAO
RO-BG	Shadow Auctions via JAO

Fallback Allocation Measures Applicable for Each SDAC Interconnector (Part 2)

Interconnector	Fallback Solution
AT-DE	Shadow Auctions via JAO
NL-BE	Shadow Auctions via JAO
BE-FR	Shadow Auctions via JAO
FR-DE	Shadow Auctions via JAO
NL-DE	Shadow Auctions via JAO
BE-DE (ALEGrO) (BE-ALBE, DE-ALDE)	Shadow Auctions via JAO
CZ-AT	Shadow Auctions via JAO
CZ-DE	Shadow Auctions via JAO
CZ-PL	Shadow Auctions via JAO
SK-PL	Shadow Auctions via JAO
HU-AT	Shadow Auctions via JAO
CZ-SK	Shadow Auctions via JAO
SK-HU	Shadow Auctions via JAO
HU-RO	Shadow Auctions via JAO
DE-PL	Shadow Auctions via JAO
AT-SI	Shadow Auctions via JAO
HR-SI	Shadow Auctions via JAO
HU-HR	Shadow Auctions via JAO
HU-SI	Shadow Auctions via JAO
FR-ES	Shadow Auctions via JAO
ES-PT	Always remains coupled through local coupling
NI-ROI	Always remains coupled through local coupling

Focus on Partial Decoupling (PD) During the Market Coupling Process

SDAC

Partial Decoupling During the Market Coupling Process – General Concepts

If the SDAC session is delayed due to issues related to one or several NEMOs, a SDAC Partial Decoupling situation will be declared at the Partial Decoupling deadline (see next slide for the timeline).

Potential reasons of decoupling during the market coupling process:

- Order book-related issues on NEMOs' side.
- Technical issues related to NEMOs' systems.

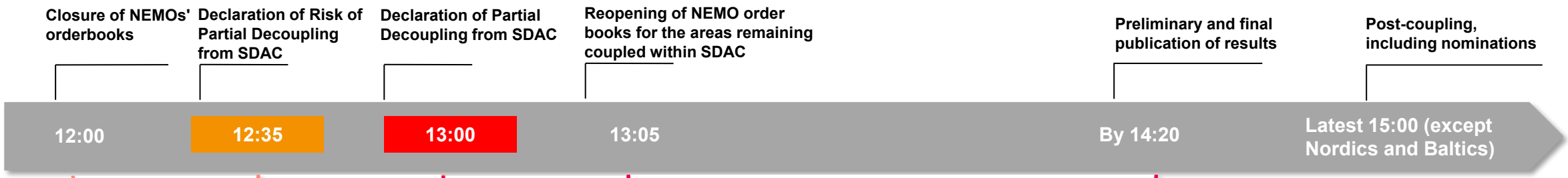
Consequently, the impacted NEMO Hubs, interconnectors and bidding zones will be removed from the SDAC session.

- **For the interconnectors and bidding zones that remain coupled within SDAC**, the SDAC session continues with the reopening of the NEMOs' order books for 15 minutes. The publication of the market coupling results is delayed until the Full Decoupling deadline at the latest.

- **For the interconnectors that are decoupled from SDAC**, fallback allocation mechanisms will be used (link).

- **For the bidding zones that are decoupled from SDAC, local or regional processes** will be run by the concerned NEMO(s). For more information, relevant NEMO(s) and TSO(s) of the bidding zone can be contacted.

Partial Decoupling During the Market Coupling Process - Timeline



- Issue encountered at NEMOs' side.
- Backup measures are used to attempt fixing the issue to avoid the decoupling from SDAC.

- JAO reminds MPs about the need to update the Shadow Auction bids for the interconnectors where SAs are applicable.
- Preparation for decoupling is underway.

- As soon as decoupling is declared, JAO publishes the Shadow Auction results for the relevant decoupled interconnectors.
- This process is estimated to take around 5 minutes.

- NEMO Order books are reopened for 15 minutes, at 13:05, for the areas remaining coupled within SDAC.
- Calculation of market coupling results takes at least 20 minutes.
- Publication of the market coupling results for the areas that remain coupled within SDAC needs to be done no later than the SDAC full decoupling deadline of 14:20.

Important to know:

- ✓ If the NEMO issue is solved until the Partial Decoupling deadline of 13:00, the decoupling process is stopped, and the market coupling session continues as normal but with delayed timings. MPs will be informed by JAO about this status.
- ✓ Market coupling results are published as soon as they are available.
- ✓ If another issue emerges in the market coupling session and it is not solved until 14:20, a dedicated message (SDAC_ExC_04b) will be sent out to announce the Full Decoupling.

Partial Decoupling During the Market Coupling Process – Market Messages

The table below shows the communication involved in preparing and declaring the decoupling of one or more NEMO Hubs and interconnectors due to issues encountered during the market coupling process.

<table>
<tr><th>Sending Time</th><th>Message Title</th><th>Message Text</th></tr>
<tr><td>12:35</td><td>[SDAC_ExC_03a]: Risk of Partial Decoupling</td><td>Please be aware that the SDAC Market Coupling process encounters severe technical issues or extraordinary market situations for the following area(s):
<table><tr><th>Impacted NEMO hubs</th><th>Impacted Bidding Zones</th><th>Impacted Interconnectors</th><th>Fallback allocation solution</th></tr><tr><td></td><td></td><td></td><td></td></tr></table>In case of Partial Decoupling, another message will be sent shortly after 13:00 to announce the Partial Decoupling.
The publication of the SDAC market coupling results will be delayed until further notice.
The SDAC market coupling results will be published as soon as they are available.

For the interconnectors for which Shadow Auctions are applicable, the update of the Shadow Auctions bids is open on JAO’s platform. Shadow Auctions results will be published by JAO only if Partial Decoupling is declared. Follow JAO’s communications for more information (Message board | JAO S.A. Leading service provider for TSOs).</td></tr>
<tr><td>13:00</td><td>[SDAC_ExC_04a]: Partial Decoupling - Reopening of the order books</td><td>Due to technical reasons or market issues, the following area(s) is/are decoupled from the SDAC Market Coupling:
<table><tr><th>Impacted NEMO hubs</th><th>Impacted Bidding Zones</th><th>Impacted Interconnectors</th><th>Fallback allocation solution</th></tr><tr><td></td><td></td><td></td><td></td></tr></table>The NEMO order books for the other areas that remained coupled in SDAC will reopen at HH:MM for exactly 15 minutes, depending on the application of local rules.
Therefore, the publication of the SDAC market coupling results is delayed until further notice.
The SDAC market coupling results will be published as soon as they are available.
For the areas that remain coupled in SDAC, please follow the market coupling rules as usual.
For other decoupled area(s), local/regional auction rules shall be followed, including specific communications from the concerned NEMO(s).</td></tr>
<tr><td>13:50</td><td>[SDAC_ExC_03b]: Further Delay of the Market Coupling Session</td><td>Please be aware that the SDAC market coupling session is delayed.
Therefore, the market coupling session encounters a risk of Full Decoupling.
If the issue is not solved until 14:20, another message will be sent out to announce the Full Decoupling.

For the interconnectors for which Shadow Auctions are applicable, the update of the Shadow Auctions bids is open on JAO’s platform. Shadow Auctions results will be published by JAO only if Full Decoupling is declared. Follow JAO’s communications for more information (Message board | JAO S.A. Leading service provider for TSOs).</td></tr>
</table>

Fallback Solutions in Case of Decoupling of One NEMO (Part 1)

In case of decoupling of a single NEMO, the consequences at NEMO trading hub level and interconnector level are displayed in the table below:

Impacted NEMO Hubs	Impacted Bidding Zones	Impacted Interconnectors	Fallback Allocation Solution per Interconnector
BRM (RO)	None	None	N/A
BSP (SI)	None	None	N/A
CROPEX (HR, SI)	HR – local auction SI – none	SI-HR HU-HR	Shadow Auction Shadow Auction
EMCO* (FR, BE, NL, AT, DE/LU, SI)	None	SE4-DE	None
EMCO PL	None	None	Back to owner**
EPEX (FR, BE, NL, AT, DE/LU, PL)	None	None	N/A
EXAA (FR, BE, NL, AT, DE/LU)	None	None	None
GME (IT)	IT – regional coupling	IT-AT IT-FR IT-SI GR-IT	Shadow Auction Shadow Auction Shadow Auction Shadow Auction
HEnEx (GR)	GR – local auction	GR-IT BG-GR	Shadow Auction Shadow Auction

** Where "**EMCO**" is used, it should be understood as "**Nord Pool**".*
*** "**Back to owner**" means that the capacity goes back to interconnector owner.*

SDAC

Fallback Solutions in Case of Decoupling of One NEMO (Part 2)

In case of decoupling of a single NEMO, the consequences at NEMO trading hub level and interconnector level are displayed in the table below.

Impacted NEMO Hubs	Impacted Bidding Zones	Impacted Interconnectors	Fallback Allocation Solution per Interconnector
HUPX (HU)	HU – local auction	AT-HU HU-SK HU-RO HU-SI HU-HR	Shadow Auction Shadow Auction Shadow Auction Shadow Auction Shadow Auction
IBEX (BG)	BG – local auction	BG-GR BG-RO	Shadow Auction Shadow Auction
OMIE (ES, PT)	ES and PT – regional coupling	FR-ES	Shadow Auction
OPCOM (RO)	None	None	N/A
OKTE (SK)	SK – local auction	CZ-SK SK-HU SK-PL	Shadow Auction Shadow Auction Shadow Auction
OTE (CZ)	CZ – local auction	CZ-AT CZ-DE/LU CZ-SK CZ-PL	Shadow Auction Shadow Auction Shadow Auction Shadow Auction
SEMOpx (ROI, NI)	NI and ROI – regional coupling	None	N/A
TGE (PL)	None	None	N/A

Fallback Solutions in Case of Decoupling of All NEMOs in Bidding Zone(s) (Part 1)

In case of decoupling of all NEMOs at the same time in a Bidding Zone, the consequences at NEMO trading hub level and interconnector level are displayed in the table below.

Impacted NEMO Hubs	Impacted Bidding Zones	Impacted Interconnectors	Fallback Allocation Solution per Interconnector
EMCO* (NO, DK, SE, FI, EE, LV, LT) and **EPEX (NO, DK, SE, FI, EE, LV, LT)**	All Nordic and Baltic areas – regional coupling	Nordic Internal Borders (NO-SE, NO-DK, NO-NO, NO-FI, DK-SE, DK-DK, SE-FI, SE-SE) Baltic internal borders (EE-LV, LV-LT) NO2-NL (NorNed) NO2-DE (NordLink) DK1-DE DK1-NL (COBRA Cable) DK2-DE (Kontek) SE4-DE (Baltic Cable) PL-SE4 PL-LT SE4-LT EE-FI	Nordic-Baltic regional coupling Nordic-Baltic regional coupling Intraday Intraday Intraday Intraday Intraday None Intraday Back to owner Nordic-Baltic regional coupling Nordic-Baltic regional coupling
EPEX (FR, BE, NL, AT, DE/LU, PL) and **EMCO (PL)** and **TGE (PL)**	PL – local auction	PL-DE/LU PL-CZ PL-SK PL-SE4 PL-LT	Shadow Auction Shadow Auction Shadow Auction Intraday Back to owner**
EMCO (FR, BE, NL, AT, DE/LU,SI) and **BSP (SI)** and **CROPEX (HR, SI)**	SI – local auction	AT-SI SI-HR SI-HU IT-SI	Shadow Auction Shadow Auction Shadow Auction Shadow Auction

** Where "**EMCO**" is used, it should be understood as "**Nord Pool**".*
*** "**Back to owner**" means that the capacity goes back to interconnector owner.*

SDAC

Fallback Solutions in Case of Decoupling of All NEMOs in Bidding Zone(s) (Part 2)

In case of decoupling of all NEMOs at the same time in a Bidding Zone, the consequences at NEMO trading hub level and interconnector level are displayed in the table below.

Impacted NEMO Hubs	Impacted Bidding Zones	Impacted Interconnectors	Fallback Allocation Solution per Interconnector
EPEX (FR, BE, NL, AT, DE/LU, PL) and **EMCO* (FR, BE, NL, AT, DE/LU, SI)** and **EXAA (FR, BE, NL, AT, DE/LU)**	AT, BE, DE/LU, FR, NL – local auction in each bidding zone	DE/LU-AT DE/LU-BE FR-DE/LU BE-FR NL-BE NL-DE/LU AT-SI CZ-AT CZ-DE/LU PL-DE/LU HU-AT BE-ALBE ALDE-DE NO2-NL (NorNed) NO2-DE (NordLink) FR-ES DK1-DE IT-AT IT-FR DK1-NL (COBRA Cable) SE4-DE (Baltic Cable) DK2-DE (Kontek)	Shadow Auction Shadow Auction Shadow Auction Shadow Auction Shadow Auction Shadow Auction Shadow Auction Shadow Auction Shadow Auction Shadow Auction Shadow Auction Shadow Auction Shadow Auction Intraday Intraday Shadow Auction Intraday Shadow Auction Shadow Auction Intraday None Intraday
OPCOM (RO) and **BRM (RO)**	RO – local auction	RO-HU RO-BG	Shadow Auctions Shadow Auctions

** Where "**EMCO**" is used, it should be understood as "**Nord Pool**".*

SDAC

Focus on Full Decoupling (FD) During the Market Coupling Process

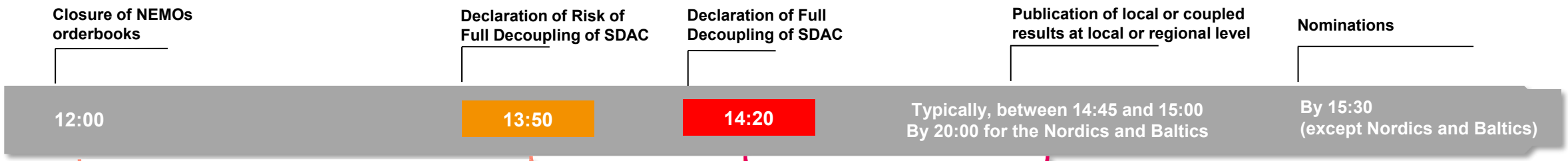
SDAC

Full Decoupling During the Market Coupling Process – General Concepts

If the SDAC final market coupling results are not available at 14:20, the Full Decoupling of SDAC will be declared. Consequently, all NEMOs, interconnectors and bidding zones are removed from SDAC, and regional/local fallback solutions are being conducted by NEMOs, TSOs and JAO, depending on the regional/local arrangements.

The fallback solutions are described previously in this manual: link.

Full Decoupling During the Market Coupling Process - Timeline



- Market coupling session encounters a major technical issue that can only lead to a Full Decoupling of SDAC if not fixed on time.
- Backup measures are used to try to fix the issue and avoid a decoupling at 14:20.

- Backup measures are used to try to fix the issue and avoid a decoupling at 14:20.
- Preparation for full decoupling is underway.
- JAO reminds MPs about the need to update the Shadow Auction bids for all SDAC interconnectors where Shadow Auctions are applicable.

- As soon as the SDAC full decoupling is declared, JAO publishes the Shadow Auction results for the relevant interconnectors. This process is estimated to take ~8 minutes.
- NEMOs run local or regional processes, depending on local and regional rules. Reopening of local order books depends on local arrangements (see Annex).

Important to know:

- ✓ If the issue is solved until the Full Decoupling deadline of 14:20, the decoupling process is stopped, and the market coupling session continues as normal but with delayed timings. MPs will be informed by JAO about this status.
- ✓ Market coupling results are published as soon as they are available. Preliminary results can be rejected in the final confirmation stage, which will lead to a new round of calculation, and new preliminary results at a later stage. In such case a dedicated message (SDAC_ExC_05) will be sent.
- ✓ If the preliminary results are not published and confirmed by NEMOs at 14:10, due to lack of time, the next Pan-EU IDA1 auction at 15:00 will be cancelled in advance.
- ✓ If the issue is not solved until 14:20, a dedicated message (SDAC_ExC_04b) will be sent out to announce the Full Decoupling.

Full Decoupling During the Market Coupling Process – Market Messages

The table below lists the messages that inform the MPs about the risk and the declaration of the Full Decoupling. The delay process could be triggered either because preliminary results are not yet available or because preliminary results are available but not confirmed by the final round of validation.

Sending Time	Message Title	Message Text
12:55	**[SDAC_ExC_02a]: Delay in preliminary Market Coupling Results publication**	Please be aware that the publication of the preliminary SDAC Market Coupling Results is delayed until further notice. The market coupling results will be published as soon as they are available. If needed, another delay message will be sent out.
12:55 – 14:20 (if applicable)	**[SDAC_ExC_05]: Cancellation of previously published preliminary Market Coupling Results**	Please be aware that the published preliminary SDAC Market Coupling Results were cancelled and new a calculation is started. The new preliminary SDAC Market Coupling Results will be published as soon as they are available.
13:10	**[SDAC_ExC_02b]: Delay in final Market Coupling Results publication**	The market coupling process is delayed due to technical reasons or market issues. Therefore, the publication of the final market coupling results is delayed.
13:50	**[SDAC_ExC_03b]: Further Delay of the Market Coupling Session**	Please be aware that the SDAC market coupling session is delayed. Therefore, the market coupling session encounters a risk of Full Decoupling. If the issue is not solved until 14:20, another message will be sent out to announce the Full Decoupling. For the interconnectors for which Shadow Auctions are applicable, the update of the Shadow Auctions bids is open on JAO's platform. Shadow Auctions results will be published by JAO only if Full Decoupling is declared. Follow JAO's communications for more information (Message board | JAO S.A. Leading service provider for TSOs).
14:20	**[SDAC_ExC_04b]: Full Decoupling**	Due to technical reasons or market issues, the whole price coupled area is fully decoupled. Please follow the local/regional fallback rules of each Operational NEMO.

Focus on Decoupling Known in Advance

(Partial and Full Decoupling Known in Advance)

SDAC

Decoupling Known in Advance (Partial or Full decoupling) – General Concepts

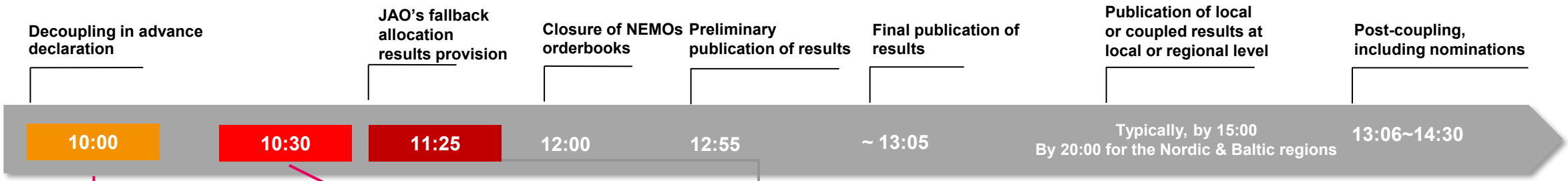
In case a NEMO is unable to run the SDAC market on a certain business day, it can be decoupled from the SDAC market in advance. In the event that the issue(s) is/are detected in the central Market Coupling System or central algorithm, there is a risk that a Full-decoupling of SDAC may be needed. Both are very unusual situations and reasons may vary, from system issues (i.e. after an implementation in the go-live of local or central systems), to Central Counterparty default (financial bankruptcy), to temporal/permanent company unavailability, etc.

In order to give enough margin to all market parties to react to any decoupling situation announced in advance for the same business day, the deadline for it is **10:30**. After this agreed time, a decoupling during the SDAC session can happen, but it will be handled live during the execution of the SDAC auction, as described in the previous decoupling cases.

Decoupling impact for impacted NEMOs, interconnectors and bidding zones being removed from the SDAC session are the same as detailed in previous sections, specifically:

- **For the interconnectors that are decoupled from SDAC**, Fallback Allocation mechanisms will be used (link).
- **For the NEMOs and/or bidding zones that are decoupled from SDAC, local or regional processes** will be run by the concerned NEMO(s). For more information, relevant NEMO(s) and TSO(s) of the bidding zone(s) can be contacted.
- In case of **Full decoupling**, all interconnectors and bidding zones are removed from SDAC, and regional/local fallback solutions are being conducted by NEMOs, TSOs and JAO, depending on the regional/local arrangements.

Decoupling Known in Advance (Partial or Full decoupling) - Timeline



- At 10:00, MPs are informed about the risk of triggering a Partial or Full Decoupling known in advance.
- At 10:00, JAO reminds MPs about the need to update the Shadow Auction bids for all SDAC interconnectors where Shadow Auctions are applicable.

- At 10:30, MPs are informed about the decoupling of the concerned NEMO hub(s), interconnector(s) and area(s).

- At 11:15, JAO closes the gate for the update of the Shadow Auction bids.
- At 11:25, JAO starts the publishing the Shadow Auction results for the relevant decoupled interconnectors. This process is estimated to take around 5 minutes.

Important to know:

✓ After 10:30 deadline, the decoupling process shall be followed but on an earlier timeline (as PD during the Market Coupling process, see the relevant chapter LINK). There is no need to reopen the orderbook since its closure remains as usual (12:00).

✓ The Shadow Auction timeline is different compared to the regular decoupling case. The gate is kept open on JAO's side 45 minutes more after the declaration of decoupling (see above).

✓ In case SDAC decoupling is declared in advance, fallback mechanisms per NEMO Hub will apply, following agreed local/regional timeline, including orderbook closure time.

Partial Decoupling Known in Advance - Market Messages

The table below lists the messages that inform the market about the risk and the declaration of the Partial Decoupling known in advance.

<table>
<tr><th>Sending Time</th><th>Message Title</th><th>Message Text</th></tr>
<tr><td>10:00</td><td>[SDAC_ExC_03c]: Risk of Partial Decoupling known in advance</td><td>Due to severe issues encountered in the SDAC market coupling session, there is a risk of decoupling for the following area(s):
<table><tr><th>Impacted NEMO hubs</th><th>Impacted Bidding Zones</th><th>Impacted Interconnectors</th><th>Fallback allocation solution</th></tr><tr><td></td><td></td><td></td><td></td></tr></table>If the issue is still not solved by 10:30, another message will be sent to announce the Partial Decoupling known in advance.

For the interconnectors for which Shadow Auctions are applicable, the update of the Shadow Auctions' bids is open on JAO’s platform until 11:15. Shadow Auctions results will be published by JAO only if Partial Decoupling is declared, as of 11:25, only if Partial Decoupling known in advance is declared. Follow JAO’s communications for more information (Message board | JAO S.A. Leading service provider for TSOs).</td></tr>
<tr><td>10:30</td><td>[SDAC_ExC_04c]: Partial Decoupling known in advance</td><td>Due to persisting severe issues in the SDAC market coupling session or CCP default reasons, the following area(s) is decoupled for delivery day DD.MM.YYYY:
<table><tr><th>Impacted NEMO hubs</th><th>Impacted Bidding Zones</th><th>Impacted Interconnectors</th><th>Fallback allocation solution</th></tr><tr><td></td><td></td><td></td><td></td></tr></table>For the areas that remain coupled in SDAC, the NEMO order books will be closed as usual at 12:00 and the publication of the SDAC market coupling results is expected to follow the usual timeline, unless exceptional circumstances occur.

For other decoupled area(s), local/regional auction rules shall be followed, including specific communications from the concerned operational NEMO(s).

For the interconnectors for which Shadow Auctions are applicable, the update of the Shadow Auctions' bids is open on JAO’s platform until 11:15. Shadow Auctions results will be published by JAO, as of 11:25. Follow JAO’s communications for more information (Message board | JAO S.A. Leading service provider for TSOs).</td></tr>
</table>

Full Decoupling Known in Advance - Market Messages

The table below lists the messages that inform the market about the risk and the declaration of the Full Decoupling known in advance.

Sending Time	Message Title	Message Text
10:00	**[SDAC_ExC_03d]: Risk of Full Decoupling known in advance**	Due to severe issues that persist after the Full Decoupling of the previous SDAC market coupling session, **the risk of decoupling persists for the current session as well.** If the issue is still not solved by 10:30, another message will be sent to announce the SDAC Full Decoupling. For the interconnectors for which Shadow Auctions are applicable, the update of the Shadow Auctions' bids is open on JAO's platform until 11:15. Shadow Auctions results will be published by JAO, as of 11:25, only if Full Decoupling known in advance is declared. Follow JAO's communications for more information (Message board | JAO S.A. Leading service provider for TSOs).
10:30	**[SDAC_ExC_04d]: Full Decoupling known in advance**	Due to severe issues that persist after the Full Decoupling of the previous SDAC market coupling session, the entire SDAC area will remain fully decoupled for delivery day DD.MM.YYYY as well. Please follow the local / regional fallback rules of each operational NEMO. For the interconnectors for which Shadow Auctions are applicable, the update of the Shadow Auctions' bids is open on JAO's platform until 11:15. Shadow Auctions results will be published by JAO, as of 11:25. Follow JAO's communications for more information (Message board | JAO S.A. Leading service provider for TSOs).

Annexes for Regional Specificities Related to Decoupling Situations

SDAC

Core Region

The Core region consists of:

- **13 Countries (and 16 Operational TSOs):** Austria (**APG**), France (**RTE**), Germany/Luxemburg (**50Hertz, Amprion/CREOS, TenneT DE, TransnetBW**), Belgium (**Elia**), Netherlands (**TenneT NL**), Slovenia (**ELES**), Hungary (**MAVIR**), Romania (**Transelectrica**), Slovakia (**SEPS**), Croatia (**HOPS**)**,** Czech Republic (**CEPS**), Poland (**PSE**)
- **11 Core NEMOs: EXAA** (AT, DE/LU, FR, BE, NL), **EPEX** (AT, FR, DE/LU, BE, NL, PL), **EMCO** (AT, FR, DE/LU, BE, NL, PL, SI), **HUPX** (HU), **OPCOM** (RO), **BRM** (RO), **OKTE** (SK), **CROPEX** (HR, SI), **OTE** (CZ), **TGE** (PL), **BSP** (SI)

SDAC

SDAC Fallback – Regional Annexes – Core

Process After Decoupling from SDAC – Main Concepts and Timings 1/2

Type of fallback applicable in case of decoupling from SDAC

1) Full Decoupling of SDAC

- There are two main cases for Full decoupling (FD)
  - FD1 - the Full Decoupling known during the Daily Market Coupling Session -> 14:20 deadline
  - FD2 - the Full Decoupling known in advance -> 10:30 deadline
- JAO runs the Fallback Allocation Mechanism (Shadow Auction) for each Core TSO interconnector
- CORE-NEMOs run a local auction for their relevant Bidding Zone

2) Partial Decoupling

- There are three main cases for Partial decoupling (PD)
  - PD 1 – Partial Decoupling for CZC-related reasons -> 11:30 deadline
    - i.e. Decoupling of an internal or external border of Core
      - JAO runs the Fallback Allocation Mechanisms (Shadow Auction) for the relevant interconnector(s)
  - PD2 – Partial Decoupling for reasons not related to the CZCs -> 13:00 deadline
    - i.e. Decoupling of a NEMO
      - Non-MNA*-NEMO/all NEMOs in an area decoupled
        - NEMO(s) run(s) a local auction
      - MNA-NEMO
        - For decoupled NEMO process: check with relevant NEMO. All remaining NEMOs stay coupled.

3) PD3 - Partial Decoupling Known in Advance -> 10:30 deadline.

*MNA, multi-NEMO area

SDAC Fallback – Regional Annexes – Core

Process After Decoupling from SDAC – Main Concepts and Timings 2/2

Main timings:

FD1 known during the Daily Market Coupling Session:

- 14:10: Shadow Auctions bid submission closure.
- 14:20: JAO sends the offered capacities and the Shadow Auction results for all the relevant TSO CS interconnectors.
- 14:28-14:38: NEMOs reopen their order books - not applicable for: Slovenia, Romania, Slovakia, Czech Republic and Poland. Local auction procedures to apply.
- Until 14:50: Publication of Local Market Results - not applicable for: Slovenia, Romania, Slovakia, Czech Republic and Poland. Local auction procedures to apply.

PD1 due to issues related to CZC:

- 11:25: Shadow Auctions bid submission closure for the relevant decoupled interconnectors.
- From 11:35: JAO sends the offered capacities and the Shadow Auction results for the concerned decoupled interconnector(s).

PD2 during the market coupling process:

- 12:45: Shadow Auctions bid submission closure.
- 13:00: Announcement of PD. JAO starts the sending of the offered capacity and the Shadow Auction results for the decoupled interconnector(s).
- 13:05-13:20: NEMOs reopen their order books.
- Until 14:20: Publication of Final Market Results for remaining coupled areas. If the Final Market Coupling Results are not published yet at 14:20 or if they are rejected before 14:20, a Full Decoupling will be triggered.
- 13:00-14:45: For decoupled NEMO process: check with relevant NEMO.

PD3 known in advance:

- 11:15: Shadow Auctions bid submission closure for the relevant decoupled interconnectors.
- 11:25: JAO sends the offered capacities and the Shadow Auction results for all the relevant TSO CS interconnectors.
- 12:55-14:45: For decoupled NEMO process: check with relevant NEMO.

FD2 known in advance:

- 11:15: Shadow Auctions bid submission closure for the relevant decoupled interconnectors.
- 11:25: JAO sends the offered capacities and the Shadow Auction results for all the relevant TSO CS interconnectors.
- 12:55 – 14:55: Publication of Local Market Results.

SDAC Fallback – Regional Annexes – Core

Specific Message Content to Prepare for a Decoupling Situation

There are no Core specific messages. In case of fallback communication, SDAC market messages are used.

SDAC Fallback – Regional Annexes – Core

Process After Partial Decoupling from SDAC – Market Messages

There are no Core specific messages. In case of fallback communication, SDAC market messages are used.

SDAC Fallback – Regional Annexes – Core

Process After Full Decoupling from SDAC – Market Messages

The table below lists the messages that are sent by the Core NEMOs to inform about the Core process in case of decoupling from SDAC.

Sending Time	Message Title	Message Text
ASAP after 14:20	**Local messages**	Local messages to inform Market Participants of the NEMO local auction process

Italian Borders Working Table Region (IBWT)

The IBWT region consists of:

- **8 countries** with their bidding zones: Austria, Bulgaria, Croatia, France, Greece, Italy, Slovenia and Switzerland
- **8 TSOs**: APG, ESO, HOPS, RTE, IPTO, TERNA, ELES and SWISSGRID
- **8 NEMOs**: BSP, CROPEX, EPEX, NORD POOL EMCO, EXAA, GME, HEnEx and IBEX

SDAC

Process After Decoupling from SDAC – Main Concept and Timings

Type of Fallback Applicable in Case of Decoupling from SDAC

1) Shadow auction:

- In case of risk of decoupling for an entire bidding zone, MPs can revise and update their offers to participate in the Shadow Auction at JAO. JAO will indicate the bid submission deadline.
- The order books will be re-opened for MPs to update their submitted offers. MPs will know the results from the Shadow Auction before the order book process will be closed.
- Main timings:
  - Final confirmation – 10 minutes: 12:55 – 13:05
  - Deadline for PD: 13:00
  - Deadline for FD: 14:20
  - Order books will be reopened as follows:
    - in a PD case, for 15 minutes and in a FD case, for 15 minutes
  - Publication time: ASAP from 15:00
  - Nomination deadline is postponed to 15:30

2) Partial decoupling

- PD 1 – Partial Decoupling for CZC-related reasons – 11:30 deadline
- PD 2 – Partial Decoupling for reasons not related to the CZCs – 13:00 deadline
- PD 3 – Partial Decoupling known in advance – 10:30 deadline

3. Full Decoupling cases

- FD1 - Full Decoupling known during the Market Coupling Session – 14:20 deadline and
- FD2 - Full Decoupling known in Advance – 10:30 deadline

Specific Message Content to Prepare for a Decoupling Situation

Communication Actions to be Carried Out in Case of Partial Decoupling in IBWT from SDAC

Message Code	Message Title	Specific IBWT Content Added to the Message Described in the Central Part of the Manual
SDAC_ExC_03a	**Risk of Partial Decoupling**	25 minutes before the PD 2 deadline (meaning 12:35) and 30 minutes before the PD 3 deadline (meaning 10:00), the market needs to be informed about the risk of Partial Decoupling.
SDAC_ExC_04a	**Partial Decoupling - Reopening of the order books**	The NEMO order books for the areas remained coupled will reopen at HH:MM for exactly 15 minutes, depending on the application of local rules. For the areas that remain coupled, please follow the market coupling rules as usual. For other decoupled area(s) shall follow its applicable fallback rules including specific communications from the concerned NEMO(s).

Process **After** Partial Decoupling

- Market Messages Sent by NEMOs / JAO in Case of **Partial Decoupling** in IBWT from SDAC

Sending Time	Message Title	Message Text in Case of PD
As of 12:35	**SDAC_ExC_03a**	MPs are informed of the risk of partial decoupling. JAO informs the Market Participants of possibility of Shadow Auctions and reminds of the Shadow Auctions bid submission deadline (10 min after sending the message).
As of 13:00	**SDAC_ExC_04a**	Partial decoupling from SDAC is confirmed. MPs are informed that the order books will be reopened. As well, JAO advises to update the bids in case of full decoupling.
As of 13:05	**-**	If there are no results from Shadow Auction: Capacity will be used in the intraday market. MPs will be informed by JAO.

Process **After** Decoupling from SDAC

Market Messages Sent by NEMOs / JAO in Case of **Full decoupling** in IBWT from SDAC

Sending Time	Message Title	Message Text in Case of FD
As of 12:55	**SDAC_ExC_02a**	Delay in Preliminary Market Coupling Results publication to inform that the process is delayed. JAO informs by email their Market Participants that the process is delayed and that MPs can update their shadow bids.
As of 13:10	**SDAC_ExC_02b**	Delay in final Market Coupling Results publication to inform that the process is delayed.
As of 13:50	**SDAC_ExC_03b**	Risk of Full Decoupling to inform about the risk of Full Decoupling. JAO informs by email their Market Participants that the process is delayed and that MPs can update their shadow bids and reminds of the shadow bid submission deadline (14:10).
As of 14:10	**-**	Pan-EU IDA 1 is cancelled.
As of 14:20	**SDAC_ExC_04b**	Full decoupling is declared. JAO shadow auctions results are available in JAO website.
Around 14:25	**-**	Order books are reopened after JAO confirms Shadow auction results are sent.

Nordic-Baltic Region

The Nordic-Baltic region consists of:

- **7 countries with all their bidding zones:** Denmark, Finland, Norway, Sweden, Estonia, Latvia and Lithuania
- **Nordic NEMOs:** EPEX SPOT and Nord Pool
- **Baltic NEMOs:** EPEX SPOT and Nord Pool

SDAC

Nordic-Baltic Region – Specific Message Content to Prepare for a Decoupling Situation (Part 1)

Message Code	Message Title	Specific Nordic-Baltic Content Added to the Message Described in the Central Part of the Manual
SDAC_ExC_03a	**Risk of Partial Decoupling**	**If the risk of decoupling concerns the Nordic-Baltic region:** Be aware that in case of decoupling from SDAC, the NEMOs and Bidding Areas need to remain coupled. The NEMOs shall attempt the running of a Nordic-Baltic Regional Coupling.
SDAC_ExC_03b	**Further delay of the Market Coupling Session**	**For the Nordic-Baltic region**, be aware that in case of SDAC Full Decoupling, the NEMOs and Bidding Areas need to remain coupled. The NEMOs shall attempt the running of a Nordic-Baltic Regional Coupling.
SDAC_ExC_04a	**Partial Decoupling - Reopening of the order books**	**If the decoupling concerns the Nordic-Baltic region:** • The NEMOs shall attempt the running of a Nordic-Baltic Regional Coupling as of 14:30 (or 14:50 in case of FD1), with the aim of having Market Coupling Results available no later than 20:00. The Nordic-Baltic order books will be reopened for 20 minutes at a later time which shall be communicated later in the afternoon in a separate message.

SDAC_ExC_04b	**Full Decoupling**	**For the Nordic-Baltic region:**
		• The NEMOs shall attempt the running of a Nordic-Baltic Regional Coupling as of 14:30, with the aim of having Market Coupling Results available no later than 20:00.
		• The Nordic-Baltic order books will be reopened for 20 minutes at a later time which shall be communicated later in the afternoon in a separate message.
		• Intraday cross-border capacities release has a risk of being delayed until 20:00.
		  ○ As a consequence of the Nordic-Baltic fallback, the Nordic-Baltic Day-Ahead Market Coupling Results will not be available at 15:00.
		  ○ Therefore, the ID cross-border capacities release between the Nordic-Baltic bidding zones is delayed until results are available - and at the latest until 20:00.
		  ○ An update will be sent once the results are available.

Nordic-Baltic Region – Specific Message Content to Prepare for a Decoupling Situation (Part 2)

Message Code	Message Title	Specific Nordic-Baltic Content Added to the Message Described in the Central Part of the Manual
SDAC_ExC_04c	**Partial Decoupling known in advance**	**If the decoupling concerns the Nordic-Baltic region:** • The NEMOs shall attempt the running of a Nordic-Baltic Regional Coupling as of 14:30 (or 14:50 in case of FD1), with the aim of having Market Coupling Results available no later than 20:00. • The Nordic-Baltic order books will be reopened for 20 minutes at a later time which shall be communicated later in the afternoon in a separate message.
SDAC_ExC_04d	**Full Decoupling known in advance**	**For the Nordic-Baltic region:** • The NEMOs shall attempt the running of a Nordic-Baltic Regional Coupling as of 14:30 (or 14:50 in case of FD1), with the aim of having Market Coupling Results available no later than 20:00. • The Nordic-Baltic order books will be reopened for 20 min at a later time which shall be communicated later in the afternoon in a separate message.

Nordic-Baltic Region – Process After Decoupling From SDAC – Main Concepts and Timings

Type of fallback applicable in case of decoupling from SDAC:

1. **Fallback 1: Regional Market Coupling between all Nordic-Baltic bidding zones and all Nordic-Baltic NEMOs**
   - Regardless of the reasons of the decoupling from SDAC (following an SDAC Partial or Full Decoupling), the Nordic-Baltic NEMOs shall run a Nordic-Baltic Regional Coupling with the aim of having regional coupling results available by 20:00 at the latest.
   - Implicit allocation for the Nordic-Baltic internal interconnectors.
   - No implicit allocation on these external (Hansa) interconnectors. See Fallback allocation mechanisms for: NO2-NL (NorNed), NO2-DE (NordLink), DK1-DE, DK1-NL (COBRA Cable), DK2-DE (Kontek), SE4-DE (Baltic Cable), PL-SE4, PL-LT.

2. **Fallback 2 (if Fallback 1 cannot be completed by 20:00): Application of the market coupling results from a specific day in the past**
   - If the Nordic-Baltic Market Coupling Results are not confirmed as final at 20:00, the auction is cancelled. The results from a determined Reference Delivery Day will be applicable for the day of the cancellation. The same volumes and prices will be valid. Market Coupling Results and nominations will also be sent to the Nordic-Baltic TSOs. This means that the Market Participants will commit to purchase or sell the same volumes at the same prices as the ones from the Reference Day.

Main timings:

- Earliest start of the Nordic-Baltic regional coupled auction process: 14:30
- Joint NEMO Order book reopening for the Nordic-Baltic markets: 20 minutes (at a time indicated by the Nordic-Baltic NEMOs in dedicated messages)
- Publication time: ASAP as of 15:00 and no later than 20:00
- Nomination deadline for both Fallback 1 and Fallback 2: 10:00 on D+1 (the day after the decoupling from SDAC)

Nordic-Baltic Region – Process After Decoupling From SDAC – Market Messages

The table below lists the messages that are sent by the Nordic-Baltic NEMOs to inform about the Nordic-Baltic process in case of decoupling from SDAC.

Sending Time	Message Title	Message Text
As of 14:30	**Nordic_ext_01a: Order book reopening for running the Nordic-Baltic Regional Coupling**	As a consequence of the decoupling from SDAC, the Nordic-Baltic order books will be reopened at HH:MM for exactly 20 minutes. After the closing of the order books, a Nordic-Baltic Regional Coupling shall be performed, and the Market Coupling Results are expected no later than 20:00.
ASAP and no later than 20:00	**Nordic_ext_01b: Nordic-Baltic Day-Ahead Market Coupling Results are available**	The Nordic-Baltic Day-Ahead Market Coupling Results are now available and the Intraday cross border capacities will be made available shortly.
ASAP after 20:00 *(only if Nordic-Baltic regional coupling failed)*	**Nordic_ext_02: Nordic-Baltic Regional Coupling Cancelled – Reference Day Results are applicable**	Since the Nordic-Baltic Market Coupling Results are still not available at 20:00, the Nordic-Baltic Regional Coupling is declared as cancelled. Please be aware that the Results (prices and volumes) of the following Reference Day are applicable for all the Market Participants: ▪ Prices and volumes of reference delivery day DD.MM.YYYY will be applied for delivery day DD.MM.YYYY.

PL Region

The PL region consists of:

- **1 country with all their bidding zones:** Poland
- **Polish NEMOs and their NEMO hubs:** TGE, EPEX, NordPool

PL Region – Process After Decoupling From SDAC – Main Concepts and Timings

1. **Full decoupling of SDAC**
   - **There are two main cases for Full decoupling (FD)**
     - **I. FD1 - the Full Decoupling known during the Daily Market Coupling Session -> 14:20 deadline**
     - **II. FD2 - the Full Decoupling known in advance -> 10:30 deadline**

   ➢ Fallback allocation mechanism applicable for interconnectors decoupled from SDAC.
   ➢ PL-NEMOs run a local auctions for the PL Bidding Zone.

2. **Partial Decoupling**
   - **There are three main cases for Partial decoupling (PD)**
     - **I. PD 1 – Partial Decoupling for CZC-related reasons -> 11:30 deadline**
       i.e. Decoupling of a PL border(s)

     ➢ In case of decoupling of interconnector(s) from SDAC fallback allocation mechanism is applicable.

     II. PD2 – Partial Decoupling for reasons not related to the CZCs -> 13:00 deadline
       i.e. Decoupling of a NEMO(s)

     ➢ For decoupled NEMO process: check with relevant NEMO. All remaining NEMO(s) stay coupled.

     III. PD3 - Partial Decoupling Known in Advance -> 10:30 deadline
       i.e. Due to severe issues that persist after the Partial Decoupling of the previous SDAC market coupling session.

     ➢ In case of decoupling of interconnector(s) from SDAC fallback allocation mechanism is applicable.
     ➢ For decoupled NEMO process: check with relevant NEMO. All remaining NEMO(s) stay coupled.

PL Region – Specific Message Content to Prepare for a Decoupling Situation

No specific local message content is prepared for a decoupling situation. Standard messages at SDAC level apply.

PL Region – Process After Decoupling from SDAC – Main Concepts and Timings

Type of fallback allocation mechanism applicable in case of decoupling of interconnector from SDAC:

1. **PL-DE, PL-CZ, PL-SK: Shadow Auctions**
   - Once the risk of decoupling is notified, MPs can revise and update their offers to participate in the Shadow Auction at JAO. JAO will indicate the bid submission deadline.
   - To use the capacities allocated through the Shadow Auction on the PL-DE, PL-CZ, and PL-SK interconnectors, Market Participants shall submit nominations to PSE and the relevant neighbouring TSO (50Hertz, CEPS, or SEPS), depending on the applicable interconnector.

2. **PL-SE4: Intraday market**
   - Available CZCs for SE4-PL interconnector are offered for the Intraday Market.

3. **PL-LT: Back to owner**
   - In case of calculation of the Nordic-Baltic Regional Market Coupling Results by 20:00, the cross-zonal capacities on LT-PL interconnector are set to 0 (zero) MW for the day-ahead timeframe.
     - If the Nordic-Baltic Market Coupling Results are confirmed as final by 20:00, the available CZCs for LT-PL interconnector are backed to owner and can be offered for the Intraday Market.
     - If the Nordic-Baltic Market Coupling Results are not confirmed as final by 20:00, then the SDAC Market Coupling results from a determined Reference Delivery Day shall apply for the day of the cancellation - the same volumes and prices will be valid. Consequently the Market Participants will commit to purchase or sell the same volumes at the same prices as those applicable on the Reference Delivery Day.

Fallback Manual for Bulgaria - Romania Border

The BG-RO region consists of:

- **2 countries** with their bidding zones: Bulgaria and Romania
- **2 TSOs**: ESO and TRANSELECTRICA
- **3 NEMOs**: BRM, IBEX and OPCOM

SDAC

Process After Decoupling From SDAC – Main Concept and Timings

Type of fallback applicable in case of decoupling from SDAC

1) Shadow auction:

- In case of risk of decoupling for an entire bidding zone, MPs can revise and update their offers to participate in the Shadow Auction at JAO. JAO will indicate the bid submission deadline.
- The order books will be re-opened for MPs to update their submitted offers. MPs will know the results from the Shadow Auction before the order book process will be closed.
- **Main timings:**
  - Final confirmation – 10 minutes: 12:55 – 13:05
  - Deadline for PD:13:00
  - Deadline for FD:14:20
  - Order books will be reopened as follows:
    - in a PD case, for 15 minutes and in a FD case, for 15 minutes
  - Publication time: ASAP from 15:00
  - Nomination deadline is postponed to 15:30

2) Partial decoupling

- PD 1 – Partial Decoupling for CZC-related reasons – 11:30 deadline
- PD 2 – Partial Decoupling for reasons not related to the CZCs – 13:00 deadline
- PD 3 – Partial Decoupling known in advance – 10:30 deadline

3. Full decoupling cases

- FD1 - Full Decoupling known during the Market Coupling Session – 14:20 deadline and
- FD2 - Full Decoupling known in Advance – 10:30 deadline.

Specific Message Content **to Prepare for A Decoupling Situation**

Communication Actions To Be Carried Out In Case of Partial Decoupling in BG-RO from SDAC

Message Code	Message Title	Specific BG-RO Content Added to the Message Described in the Central Part of the Manual
SDAC_ExC_03a	**Risk of Partial Decoupling**	25 minutes before the PD 2 deadline (meaning 12:35) and PD 3 deadline (meaning 10:00), the market needs to be informed about the risk of Partial Decoupling.
SDAC_ExC_04a	**Partial Decoupling - Reopening of the order books**	Reopening of the order books

Process **After** Partial Decoupling

Market Messages Sent By NEMOs / JAO In Case of **Partial Decoupling** in BG-RO from SDAC

Sending Time	Message Title	Message Text in Case of PD
As of 12:35	**SDAC_ExC_03a**	MPs are informed of the risk of partial decoupling. JAO informs the Market Participants of possibility of Shadow Auctions and reminds of the Shadow Auctions bid submission deadline (10 min after sending the message).
As of 13:00	**SDAC_ExC_04a**	Partial decoupling from SDAC is confirmed. MPs are informed that the order books will be reopened. As well, JAO advises to update the bids in case of full decoupling.
As of 13:05	**-**	If there are no results from Shadow Auction: Capacity will be used in the intraday market. MPs will be informed by JAO.

Process **After** Decoupling from SDAC

Market Messages Sent By NEMOs / JAO In Case of **Full Decoupling** in BG-RO from SDAC

Sending Time	Message Title	Message Text in Case of FD
As of 12:55	**SDAC_ExC_02a**	Delay in preliminary Market Coupling Results publication to inform that the process is delayed. JAO informs by email their Market Participants that the process is delayed and that MPs can update their shadow bids.
As of 13:10	**SDAC_ExC_02b**	Delay in final Market Coupling Results publication to inform that the process is delayed.
As of 13:50	**SDAC_ExC_03b**	Risk of Full Decoupling to inform about the risk of Full Decoupling. JAO informs by email their Market Participants that the process is delayed and that MPs can update their shadow bids and reminds of the shadow bid submission deadline (14:10).
As of 14:10	**-**	Pan-EU IDA 1 is cancelled.
As of 14:20	**SDAC_ExC_04b**	Full decoupling is declared. JAO shadow auctions results are available in JAO website.
Around 14:25	**-**	Order books are reopened after JAO confirms Shadow auction results are sent.

South-Western Europe Region (SWE)

The SWE region consists of:

- **3 countries with all their bidding zones:** France, Portugal and Spain
- **SWE NEMOs and their NEMO hubs:** EPEX SPOT, Nord Pool, EXAA and OMIE

SDAC

SWE Region – Process After Decoupling From SDAC

Main Concepts and Timings

Type of fallback applicable in case of decoupling from SDAC:

- 1. ES-PT: Local day-ahead market results
  - Regardless of the type of the decoupling from SDAC (Partial or Full Decoupling), OMIE runs a local day ahead market with the aim of having regional coupling results for ES and PT (always remain coupled). Capacity will be allocated implicitly.
- 2. ES-FR: Shadow auction:
  - In case of risk of decoupling for an entire bidding zone (meaning in case of issues with all NEMOs in FR or with the NEMO in ES), MPs can revise and update their offers to participate in the Shadow Auction at JAO. JAO will indicate the bid submission deadline.
  - The order books will be re-opened for MPs to update their submitted offers. MPs will know the results from the Shadow Auction before the order book process will be closed.
  - OMIE will run locally a day-head market (ES, PT).
  - EPEX SPOT, EXAA and Nord Pool will notify MPs about the applicable fallback processes for the Day-Ahead market in FR.
  - MPs, in order to use the capacity in ES-FR, must submit their nominations to Red Eléctrica and RTE.
    - Once received the preliminary results from OMIE (PDBC), parties have 20 minutes to submit their nominations. In case the capacity acquired is ES->FR, nomination of bilateral contract should be done with the generic unit and the border programming unit CP3. If capacity is acquired FR->ES, nomination of bilateral contract should be done with the border programming unit VP3 and the generic unit.

Main timings:

- Final confirmation: MPs in SWE have the possibility, after results preliminary publication, to review own results and reject them via claim delivery to OMIE. OMIE will first review the validity of the MP claim and decide – according to market rules – about the validation/rejection of the DA results.
- PD: If at 13:05 there are no results from the shadow auction ES-FR, shadow auctions will be cancelled: capacity will be used in the intraday market. Local auction in OMIE will continue to produce local results.
- FD: If at 14:30 there are no results from the shadow auction ES-FR, shadow auctions will be cancelled: capacity will be used in the intraday market. Local auction in OMIE will continue to produce local results.
- Order books will be reopened as follows:
  - ES and PT: in a PD case, for 15 min (from 13:05-13:20) and in a FD case, for 15 min (from 14:25-14:40).
  - FR: in a PD case, for 15 min, and in a FD case, for 20 min.
- Limit to receive market results: ASAP from 15:00.
- RTE specific: if FD is declared, nomination deadline is postponed to 15:30.

SWE Region – Process After Decoupling From SDAC – Market Messages

The table below lists the messages that are sent by the NEMOs/JAO in case of decoupling of ES-FR from SDAC.

Sending Time	Message Title	Message Text in Case of PD ES-FR
As of 12:35	**SDAC_ExC_03a**	MPs are informed of the risk of partial decoupling (including ES-FR). JAO informs the Market Participants of possibility of Shadow Auctions and reminds of the Shadow Auctions bid submission deadline (10 min after sending the message).
As of 13:00	**SDAC_ExC_04a**	Partial decoupling from ES-FR is confirmed. MPs are informed that the order books will be reopened for 15 minutes (preferably from 13:05-13:20 in PD). As well, JAO advices to update the bids in case of full decoupling (applicable to other interconnectors).
As of 13:05	-	If there are no results from Shadow Auction: Capacity will be used in the intraday market. MPs will be informed by JAO.
As of 13:50	**SDAC_UMM_01c** *(applicable for EPEX SPOT, EXAA and Nord Pool)*	If local market results are not published, this message will be sent: "*Please be aware that the Local Market Results publication is still delayed due to technical reasons or market issues*".
As of 14:20	**SDAC_UMM_01d** *(applicable for EPEX SPOT, EXAA and Nord Pool)*	If local market results are not published, this message will be sent: "*Please be aware that the Local Market Results publication is still delayed due to technical reasons or market issues*".

Sending Time	Message title	Message Text in Case of FD ES-FR
As of 12:55	**SDAC_ExC_02a**	Delay in preliminary Market Coupling Results publication to inform that the process is delayed. JAO informs by email their Market Participants that the process is delayed and that MPs can update their shadow bids.
As of 13:10	**SDAC_ExC_02b**	Delay in final Market Coupling Results publication to inform that the process is delayed.
As of 13:50	**SDAC_ExC_03b**	Further delay of the Market Coupling Session. JAO informs by email their Market Participants that the process is delayed and that MPs can update their shadow bids and reminds of the shadow bid submission deadline (14:10). RTE informs MPs that nomination deadline is postponed to 15:00 on the FR-ES border.
As of 14:10	-	Pan-EU IDA1 is cancelled.
As of 14:20	**SDAC_ExC_04b**	Full decoupling is declared. JAO shadow auctions results are available in JAO website. RTE informs MPs that the full decoupling is declared and that the nomination deadlines have been extended to 15:30.
As of 14:25	-	EPEX SPOT, EXAA, Nord Pool and OMIE order books are opened after JAO confirms Shadow auction results are sent.
As of 14:30	-	If there are no results from Shadow Auction: Capacity will be used in the intraday market. MPs will be informed by JAO.
As of 15:00	-	Results from EPEX SPOT, EXAA, Nord Pool and OMIE should be received.

Any Question or Feedback?

For the SDAC central processes, please reach out to us at info@mcsc-communication.eu.

For questions related to regional specificities in case of decoupling, please contact directly the relevant NEMOs and/or TSOs.

SDAC