SDAC_NOR_03: Market Coupling Results and Scheduled Exchanges Transfer

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Approval

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Remarks

As a general principle, as soon as an event occurs that prevents the normal performance of a process, the operators have to refer to the **local backup** procedures dealing with Market Coupling Results and Scheduled Exchanges Transfer.
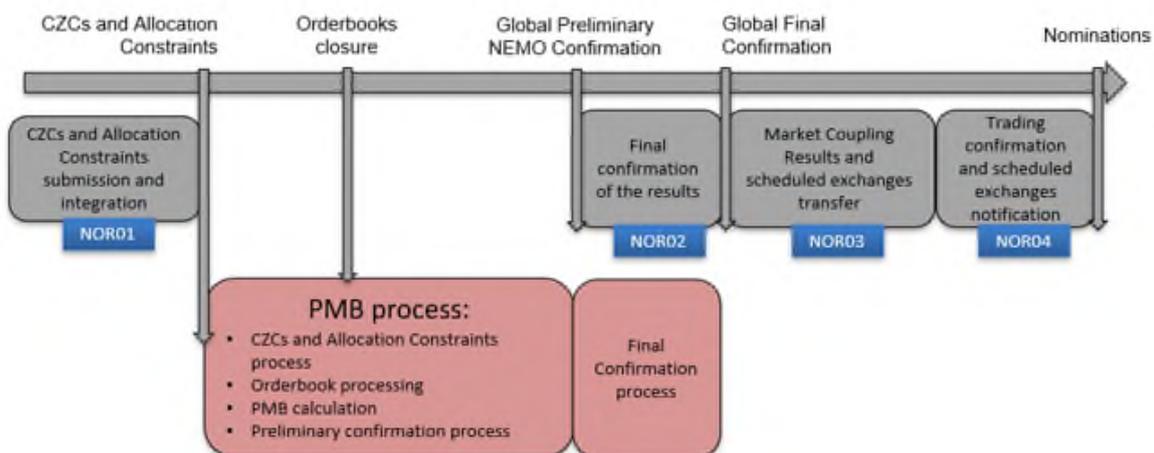
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1. Introduction

This procedure sets the general principles for performing the transfer of the Market Coupling Results and resulting Scheduled Exchanges, ███████████████████████████████ ████████

The different local solutions are further addressed in the related local procedures ████████ ████████████████████████████████████

1.1. Summary

The procedure starts when the NEMOs or the TSOs (where appropriate) receive the Global Final Confirmation (step 8e or 8f) of the Market Coupling Results. Hereby, the Market Coupling Results become firm. The chain of flows is the following:

The Market Coupling Results are sent (flow 9a) from the Verification Systems (Verification Coupling Module of the NEMO or TSOs Verification Module) to the Post-Coupling Systems (NEMO Post-Coupling Module or TSOs Post-Coupling Module).

Depending on the local solutions:

➢ when the Market Coupling Results are received in the NEMO Post-Coupling Module, then the relevant NEMO forwards them, along with the Global Final confirmation, to the TSOs Post-Coupling Module (step 9b).
➢ the TSOs Post-Coupling Module, based on the Market Coupling Results, calculate the Scheduled Exchanges for the relevant Bidding Zones (step 9c).

The Post-Coupling Systems (NEMO Post-Coupling Module or TSOs Post-Coupling Module) dispatch the Market Coupling Results to the Cross-NEMO Clearing and Settlement Systems (flow 9d) and to the Congestion Income Distribution Systems (CIDS) (flow 9e).

The local NEMO IT Systems sends the Market Coupling Results to the CIDS (flow 9f) as a last step in this procedure.

The procedure is complete when the Scheduled Exchanges are received by the Cross-NEMO clearing and settlement systems and the CIDS (steps 9d and 9e), and when the Market Coupling Results are received by the CIDS (step 9f).

1.2. Governed / Regulated by

- Day-Ahead Operations Agreement (DAOA)

1.3. Tools and Communication protocols

- PCR MC System – PMB
- NEMOs Post-Coupling Module
- TSOs Post-Coupling Module
- Congestion Income Distribution Systems
- Cross NEMO Clearing and Settlement Systems

1.4. Pre-requisites – Associated procedures

Preceding procedures:

- SDAC_NOR_02: Final Confirmation of the Results
- ANDOA_NOR_06: Preliminary Confirmation of the Results
- ANDOA_NOR_07: Final Confirmation of the Results

Subsequent procedures:

- SDAC_NOR_04: Trading Confirmation and Scheduled Exchanges Notification

Other associated procedures and rules:

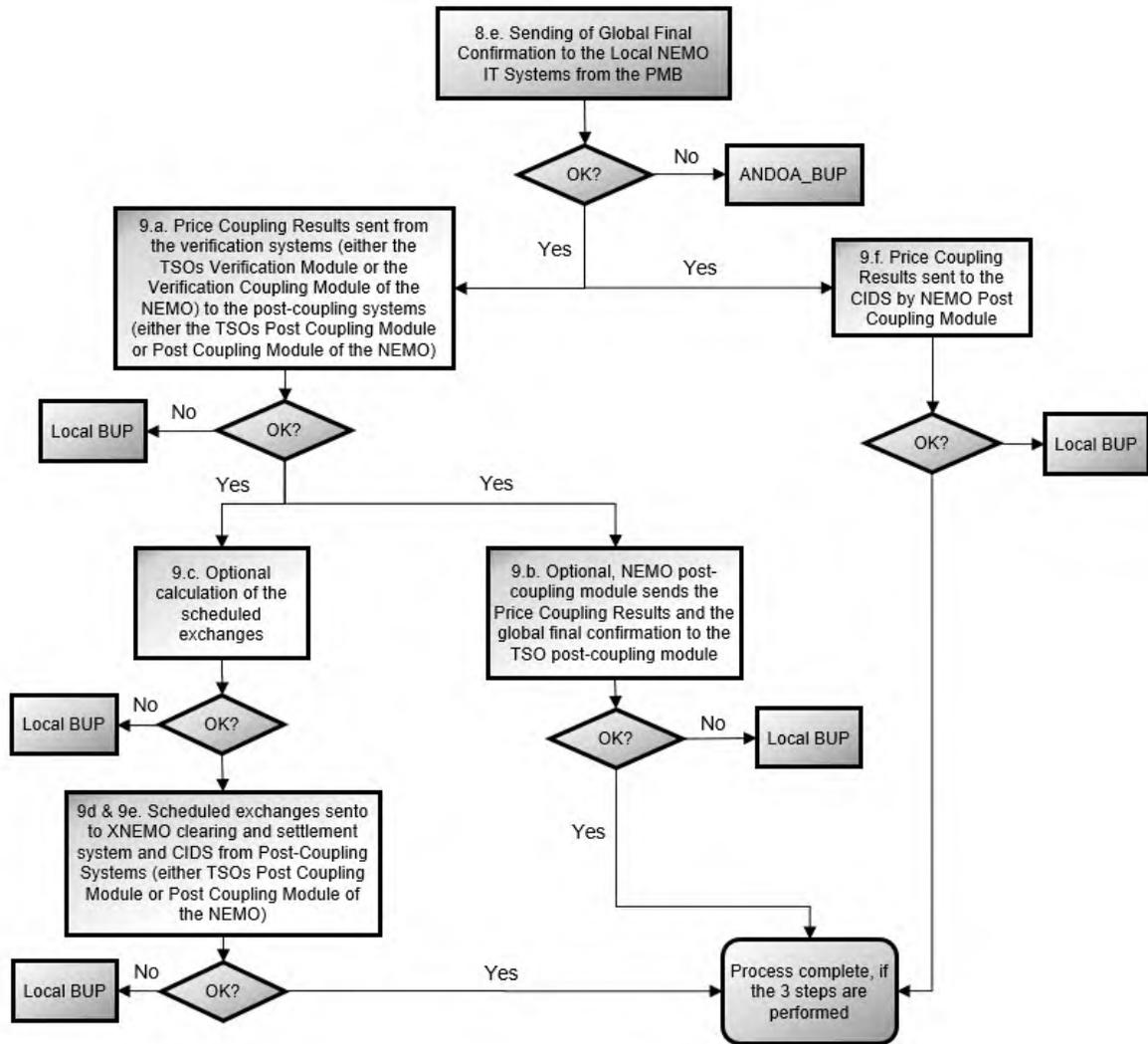- Local procedures on Scheduled Exchanges Calculation

2. Procedure

2.1. Preconditions to start

The precondition for starting this process is the successful reception of the Global Final Confirmation by all the parties that performed the Final Confirmation process of the Market Coupling Results, step 8e and 8f (when relevant).

Remark: The confirmation of the Market Coupling Results only concerns the Net Positions per Bidding Zone and the Scheduled Exchanges against the Cross-zonal Capacities and optional Allocation Constraints (no confirmation of the prices will be performed by the TSOs or other parties entitled by the TSOs to confirm the Market Coupling Results).

2.1.   General overview

The table below lists the SDAC Generic ⬛ processes related to the Market Coupling Results and Scheduled Exchanges Transfer.

Remark: Please note that the grey lines are not included in this procedure. These are inputs or outputs that help to understand this procedure.

#	Process	Target time	From	To	Tool & Communication protocols	BACKUP	FALLBACK
8e	Sending of the Global Final Confirmation to the Local NEMO IT Systems	⬛	PMB	Local NEMO IT Systems	PMB	ANDOA_BUP	ANDOA_FAL_01
9a	Sending of the Market Coupling Results to the Post-Coupling Systems	⬛	Verification Systems (Verification Coupling Module of the NEMO or	Post-Coupling Systems (NEMO Post-Coupling Module or TSOs Post-	-	Local BUP	-

#	Process	Target time	From	To	Tool & Communication protocols	BACKUP	FALLBACK
			TSOs Verification Module)	Coupling Module)			
9b	(Optional) Sending of the Market Coupling Results and Global Final Confirmation to the TSOs Post-Coupling Modules (9b)	▬	NEMO Post-Coupling Modules	TSOs Post-Coupling Module	-	Local BUP	-
9c	(Optional) Calculation of the Scheduled Exchanges	▬	-	-	TSOs Post-Coupling Module	Local BUP	-
9d	Sending of the Scheduled Exchanges to the Cross-NEMO Clearing and Settlement Systems	▬	Post-Coupling Systems (NEMO Post-Coupling Module or TSOs Post-Coupling module)	Cross NEMO Clearing and Settlement Systems	-	Local BUP	-
9e	Sending of the Scheduled Exchanges to the Congestion Income Distribution Systems	▬	Post-Coupling Systems (NEMO Post-Coupling module or TSOs Post-Coupling module)	Congestion Income Distribution Systems	-	Local BUP	-
9f	Sending of the Market Coupling Results to Congestion Income Distribution Systems	▬	Local NEMO IT systems	Congestion Income Distribution Systems	-	Local BUP	-

2.2.   Process Clarification

2.3.1.   Sending of the Market Coupling Results to the Post-Coupling Systems (9a)

Once all the parties receive the Global Final Confirmation (flows 8e and 8f), the Market Coupling Results are then forwarded to their Post-Coupling Systems.

Risk cases	Measures taken
1. Any Verification Coupling Module of the NEMO or TSOs Verification Module cannot send the Market Coupling Results.	Local BUP
2. Any NEMO/TSOs Post-Coupling Module cannot receive the Market Coupling Results.	Local BUP

2.3.2. Optional, sending of the Market Coupling Results and Global Final Confirmation to the TSOs Post-Coupling Module (9b)

When verification of the Market Coupling Results is not directly managed by a TSOs Verification Module, the NEMO Post-Coupling Modules send the Market Coupling Results to the TSOs Post-Coupling Module.

Risk cases	Measures taken
3. Any NEMO Post-Coupling Module cannot send the Market Coupling Results.	Local BUP
4. Any TSOs Post-Coupling Module cannot receive the Market Coupling Results.	Local BUP

2.3.3. Optional, calculation of the Scheduled Exchanges by the TSOs (9c)

➢ The TSOs Post-Coupling Module, based on the Market Coupling Results, calculates the Scheduled Exchanges for the relevant Bidding Zones (step 9c).

Risk cases	Measures taken
5. The TSOs Post-Coupling Module cannot calculate the Scheduled Exchanges.	Local BUP

2.3.4. Sending of the Scheduled Exchanges to the Cross-NEMO Clearing and Settlement Systems (9d)

The Schedules Exchanges are sent to the dedicated Cross NEMO Clearing and Settlement Systems either by the NEMO Post-Coupling Modules or by the TSOs Post-Coupling Module.

Risk cases	Measures taken
6. NEMO/TSOs Post-Coupling Module cannot send the Scheduled Exchanges.	Local BUP
7. The Cross-NEMO Clearing and Settlement Systems cannot receive the Scheduled Exchanges.	Local BUP

2.3.5. Sending of the Scheduled Exchanges to the Congestion Income Distribution Systems (9e)

The Schedules Exchanges are sent to the dedicated Congestion Income Distribution Systems either by the NEMOs Post-Coupling Module, or by the TSOs Post-Coupling Module.

Risk cases	Measures taken
8. Operational NEMO/TSOs Post-Coupling Module cannot send the Scheduled Exchanges.	Local BUP
9. The Congestion Income Distribution Systems cannot receive the Scheduled Exchanges.	Local BUP

2.3.6. Sending of the Market Coupling Results to Congestion Income Distribution Systems (9f)

The Market Coupling Results are sent to the dedicated Congestion Income Distribution Systems by the local NEMO IT System.

Risk cases	Measures taken
10. Local NEMOs IT System cannot send the Market Coupling Results.	Local BUP
11. The Congestion Income Distribution Systems cannot receive the Market Coupling Results.	Local BUP

2.3. Final state

This procedure is considered completed when the Scheduled Exchanges have been successfully received by all the Cross-NEMO Clearing and Settlement Systems and the Congestion Income Distribution Systems, and when the Market Coupling Results have also been received by the Congestion Income Distribution Systems.