# SDAC\_NOR\_02: Final Confirmation of the Results

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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 refer to **SDAC\_BUP\_02**.

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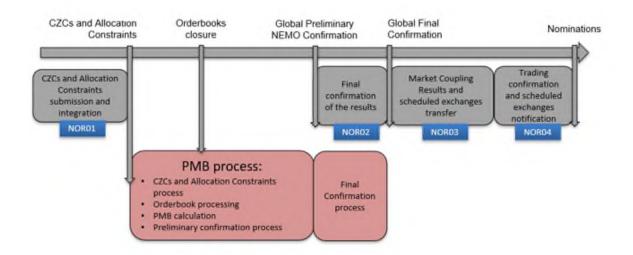
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## **1.** Introduction

This procedure describes the process of the Market Coupling Results verification by the TSOs, other parties entitled by the TSOs or any other entity entitled to validate the results to do so, which outcome is reflected in the Final Confirmation,

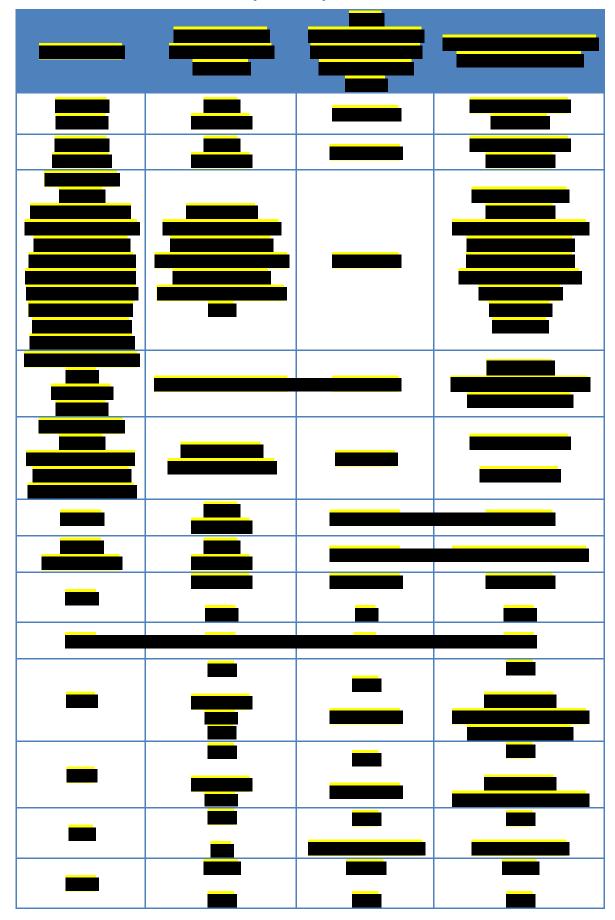
This process is handled in the Verification Systems (either a TSOs Verification Module or a Verification Module of other parties entitled by the TSOs to confirm the Market Coupling Results). The verification consists of the validation of the Market Coupling Results against the Cross-Zonal Capacities and optional Allocation Constraints.

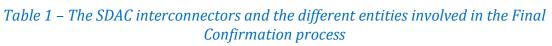
Once the Market Coupling Results are confirmed by the Verification Systems, the Final Confirmation is forwarded by the NEMO to the PMB in order to generate and distribute the Global Final Confirmation to all NEMOs (cf. ANDOA procedures). Subsequently, NEMOs send them to the TSOs Verification Module, where applicable (



## 1.1. Summary

The table below shows the SDAC interconnectors and the involved entities performing the Final Confirmation of the Market Coupling Results.







This procedure starts once the Global Preliminary NEMO Confirmation of the Market Coupling Results has been sent by the PMB to the Verification Coupling Module of the NEMOs. This Global Preliminary NEMO Confirmation contains a fixed time at which the local NEMOs trading system may publish the Market Coupling Results towards the Market Participants.

Each NEMO is free to choose between the following two options for publishing the Market Coupling Results:

- Publication after the reception of the Global Preliminary NEMO confirmation, at the time indicated in it (**Constant and Constant and**
- Publication after the reception of the Global Final Confirmation, where required, when the Market Coupling Results are considered as firm for all NEMOs (

The Verification Systems (either a TSOs Verification Module or a Verification Module of other parties entitled by the TSOs to confirm the Market Coupling Result) are performing the verification of the Market Coupling Results. Once the Verification Systems have verified the Market Coupling Results against the Cross-Zonal Capacities and optional Allocation Constraints, a Final Confirmation is sent to each NEMO, into their Verification Coupling Module. These modules automatically forward the Final Confirmation further to the PMB.

The Final Confirmation of the Market Coupling Results has to be received by the PMB no later than 12 minutes after the moment of the sending of the Global Preliminary NEMO Confirmation towards the Verification Coupling Module of the NEMOs.

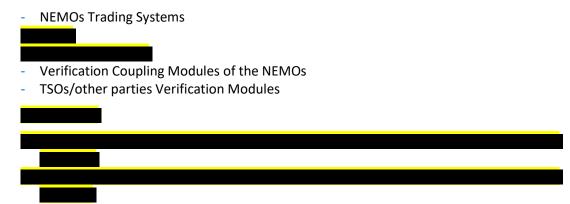
After a series of PCR processes (**Construction Coupling Modules**), the Verification Coupling Modules of the NEMOs receive the Global Final Confirmation from the PMB and forward it further to the Verification Systems that have confirmed the Market Coupling Results.

NEMOs confirm that the Market Coupling Results that were published as preliminary can now be considered as final, after the reception of the positive Global Final Confirmation.

## 1.2. Governed / Regulated by

Day-Ahead Operations Agreement (DAOA)

#### **1.3. Tools and Communication protocols**



#### **1.4. Associated procedures**

Preceding procedures:

- ANDOA\_NOR\_06: Preliminary Confirmation of the Results

Subsequent procedures:

- ANDOA\_NOR\_07: Final Confirmation of the Results
- SDAC\_NOR\_03: Scheduled Exchanges Calculation and Transfer

Other associated procedures and rules:

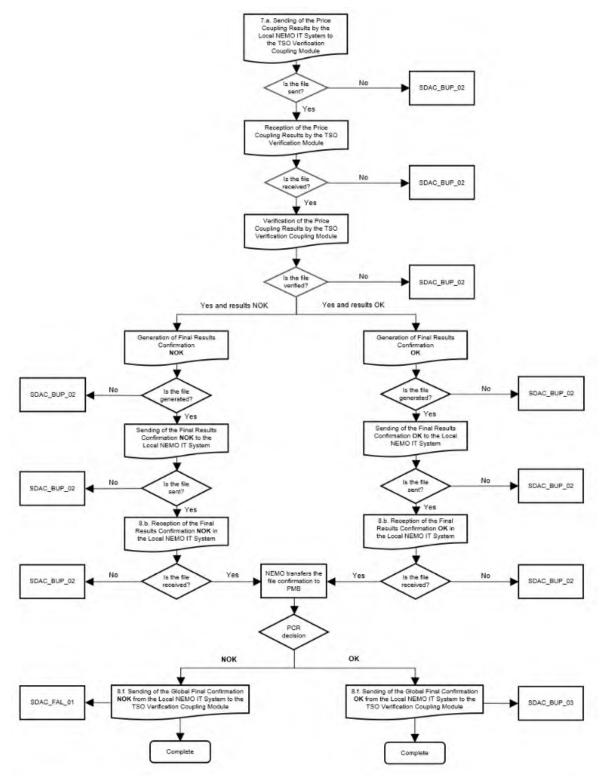
- SDAC\_BUP\_02: Final Confirmation of the Results
- SDAC\_FAL\_01: Incident Management
- SDAC\_OTH\_02: Internal and External Communications
- ANDOA\_FAL\_02: Partial and Full Decoupling
- NEMOs market rules
- TSOs verification rules (the checks for validating the Market Coupling Results, the reasons for rejecting them)

# 2. Procedure

## 2.1. Preconditions to start

The precondition to start this process is the successful completion of the PCR process described in the procedure *ANDOA\_NOR\_06: Preliminary Confirmation of the Results* during which all the NEMOs have received the Global Preliminary NEMO Confirmation from the PMB and the publication of the preliminary Market Coupling Results.

# 2.2. General overview



The table below lists the SDAC Generic processes related to the Final Confirmation of the Market Coupling Results.

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

#	Process	Target Time	End Time	From	То	Tool/communi- cation protocol	BACKUP	FALLBACK
7.	Sending of the Market Coupling Results for the Final Confirmation			Verification Coupling Modules of the NEMO	Verification Systems	Local NEMO communication protocol	SDAC_BUP_02	-
8a.	Final Confirmation process: verification of the Market Coupling Results against Cross-Zonal Capacities and optional Allocation Constraints			-	-	Verification Systems	SDAC_BUP_02	SDAC_FAL_01
8b	Receiving of the Final Confirmation of the Market Coupling Results			Verification Systems	Verification Coupling Modules of the NEMO	Local NEMO/TSO/ other parties communication protocol	SDAC_BUP_02	-
8c.	Sending of the Final Confirmation of the Market Coupling Results			Verification Coupling Modules of the NEMO	PMB	Web Service	-	-
8d.	Coordinator's Final Confirmation Process			-	-	РМВ	-	-
8e.	Sending of the Global Final Confirmation to NEMOs			РМВ	NEMOs IT Trading Systems	Web Service	-	-
8f.	Sending of the Global Final Confirmation			Verification Coupling Modules of the NEMO	Verification Systems	Local NEMO communication protocol	SDAC_BUP_02	-

## Table 2 – The SDAC Final Confirmation process

# 2.3. Process Clarification

These processes are further addressed in local procedures and are subject to compliance with the following high-level descriptions.

## 2.3.1. Sending of the Market Coupling Results for the final confirmation (7)

After the Verification Coupling Modules of the NEMOs have received the Global Preliminary NEMO Confirmation from the PMB, the Verification Coupling Modules of the NEMOs send the Market Coupling Results to the Verification Systems (either a TSOs Verification Module or a Verification Module of other parties entitled by the TSOs to confirm the Market Coupling Results). This step is done at the same time as the publication of the preliminary Market Coupling Results.

Risk cases	Measures taken
<ol> <li>Operational NEMO Verification Coupling Module cannot send the Market Coupling Results to the TSOs (or other parties entitled by the TSOs to confirm the Market Coupling Results).</li> </ol>	SDAC_BUP_02
<ol> <li>TSO Verification Coupling Module or other parties entitled by the TSOs to confirm the Market Coupling Results cannot receive the Market Coupling Results.</li> </ol>	SDAC_BUP_02

#### 2.3.2. Verification of the Market Coupling Results (8a)

The Verification Systems performed the check against the Cross-Zonal Capacities and Allocation Constraints.

The reason for rejection is that the net positions do not correspond to the CZCs.

The outcome of the verification process is the Final Confirmation of the Market Coupling Results. This confirmation may be positive or negative. In the latter case, the Verification Systems have to clearly state in the confirmation file the reason of their rejection. As soon as the negative Final Confirmation has been sent, Verification Systems have to call their NEMO in order to inform them about the rejection.

Risk cases	Measures taken
<ol> <li>TSO Verification Coupling Module or other parties entitled by the TSOs to confirm the Market Coupling Results fails to perform the verification of the Market Coupling Results (technical failure).</li> </ol>	

#### 2.3.3. Receiving the Final Confirmation of the Market Coupling Results (8b)

Once the Verification Systems have verified the Market Coupling Results, a Final Confirmation is sent to each Verification Coupling Module of the NEMOs, which will forward it to the PMB.

In case of a negative Final Confirmation, the party entitled to confirm the Market Coupling Results has to contact its own NEMO at its earliest opportunity.

If the relevant NEMO has neither received a positive confirmation nor has been informed about an issue with the confirmation within 5 minutes after the Market Coupling Results have been sent to the Verification Systems, the NEMO will contact the relevant validating entity in order to inquire about the confirmation status.

Risk cases	Measures taken
TSO Verification Coupling Module or other parties entitled by the TSOs could verify the Market Coupling Results but failed to generate the Final Confirmation.	SDAC_BUP_02
TSO Verification Coupling Module or other parties entitled by the TSOs to confirm the Market Coupling Results cannot send the Final Confirmation in due time without compromising the fixed time for providing the PMB with the Final Confirmation.	SDAC_BUP_02

6.	NEMO Verification Coupling Module cannot receive the Final Confirmation.	SDAC_BUP_02
7.	NEMO Verification Coupling Module receives a negative confirmation from the TSOs Verification Coupling Module or other parties entitled by the TSOs to confirm the Market Coupling Results.	SDAC_FAL_01

## 2.3.4. Sending of the Global Final Confirmation of the Market Coupling Results (8f)

After the Verification Coupling Modules of the NEMO have received the Global Final Confirmation from the PMB Coordinator, the Verification Coupling Modules of the Operational NEMO forward it to the Verification Systems.

A positive Global Final Confirmation means that the Market Coupling Results are firm.

A negative Global Final Confirmation means that at least one party entitled to confirm the Market Coupling Results has rejected them and that an Incident Committee will be triggered according to SDAC\_FAL\_01.

Risk cases	Measures taken
8. Positive Global Final Confirmation cannot be generated by the PMB	SDAC_BUP_02
<ol> <li>Positive Global Preliminary NEMO Confirmation received too late to allow the completion of the Final Confirmation process leading to a deemed acceptance (insufficient time to validate).</li> </ol>	SDAC_BUP_02
10. NEMO Verification Coupling Module cannot send the Global Final Confirmation.	SDAC_BUP_02
<ol> <li>TSO Verification Coupling Module or other parties entitled by the TSOs to confirm the Market Coupling Results cannot receive the Global Final Confirmation.</li> </ol>	SDAC_BUP_02
<ol> <li>TSO Verification Coupling Module or other parties entitled by the TSOs to confirm the Market Coupling Results receives a negative Global Final Confirmation.</li> </ol>	SDAC_BUP_02
13. The negative Global Final Confirmation has to be changed into a positive Global Final Confirmation.	SDAC_BUP_02

# 2.4. Final state

The process of the Final Confirmation of the Market Coupling Results is considered as completed when the Global Final Confirmation of the Market Coupling Results has been successfully received by the relevant systems of all the parties that have confirmed the Market Coupling Results.