DAC_NOR_02: Final MC Results

Remarks

As a general principle, as soon as an event occurs that prevents the normal performance of a process, the operators refer to **DAC_BUP_02**.

Table of Contents

1. Introduction

This procedure describes the process of the Market Coupling Results verification by the TSOs, which outcome is reflected in the Final MC Results at 12:15.
This process is handled in the TSO IT System.
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 MC Results is forwarded by the NEMO Local Trading System to the MC Service Provider's IT System in order to generate and distribute the Global Final Results to NEMO. Subsequently, NEMO send them to the TSOs Verification Module, where applicable.
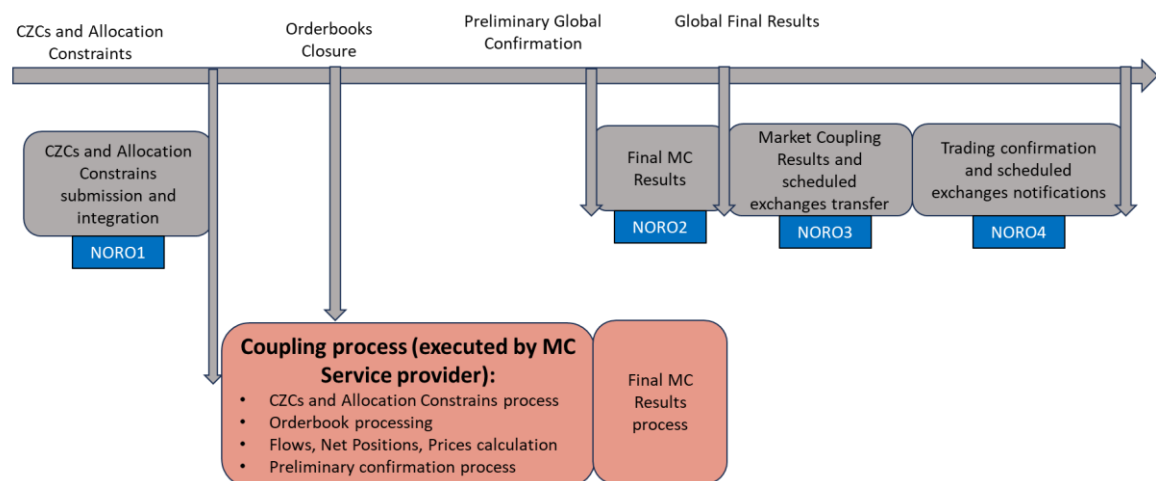
1.1. Summary

This procedure starts once the Global Final Results of the Market Coupling Results has been sent by the MC Service Provider's IT System to the NEMO Local Trading System and confirmed by TSOs.
This Global Final Results contains a confirmation that the Market Coupling Results are confirmed.
NEMO will publish the Market Coupling Results after the reception of the Preliminary MC Results, at the time agreed in the Procedures indicating the Market Coupling Results as Preliminary.
First NEMO will publish after the reception of the Preliminary Market Coupling Results, at the time. indicated in it Trading Procedures with a note/disclaimer that these are Preliminary Results, and secondly NEMO will publish Market Coupling Results after the reception of the Global Final Results.
The TSO IT System 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 MC Results is sent to NEMO Local Trading System, which automatically forwards the Final MC Results further to the MC Service Provider's IT System. The Final MC Results of the Market Coupling Results has to be received by the MC Service Provider's IT System no later than 10 minutes after the moment of the sending of the Preliminary Global Confirmation towards the Local Trading System of the NEMO.
After Final MC Results has been received by the MC Service Provider's IT System the NEMO Local Trading System receives the Global Final Results from the MC Service Provider and forwards it further to the Verification Systems that have confirmed the Market Coupling Results.
NEMO 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 Results.

1.2. Governed / Regulated by

- Day-Ahead Coupling Operations Agreement (DACOA)
- NEMO - MC Service Provider Procedure
- Local Procedures

1.3. Tools and Communication protocols

- NEMO Local Trading Systems
- TSOs IT System

1.4. Associated procedures

Preceding procedures:

- DAC_NOR_03: Scheduled Exchanges Calculation and Transfer Other associated procedures and rules:
- DAC_BUP_02: Final MC Results
- DAC_FAL_01: Incident Management
- DAC_OTH_02: Internal and External Communications
- NEMO Market Rules and Procedures
- 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 Preliminary Confirmation during which the NEMO has received the Global Preliminary Confirmation from the MC Service Provider and the publication of the preliminary Market Coupling Results to TSO(s) and Exchange Members.

2.2. General overview

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                    7.a. Sending of the Price Coupling
                    Results by the  NEMO Local Trading
                    System to the TSO IT System


                         ◇ Is the file sent? ──No──→ [ DAC_BUP_02 ]
                              │
                             Yes

                    Reception of the Price Coupling
                    Results by the TSO IT System

                             Yes
                              │
                         ◇ Is the file ──No──→ [ DAC_BUP_02 ]
                            received?


                    Verification of the Price Coupling
                    Results by the TSO IT System


                         ◇ Is the file ──No──→ [ DAC_BUP_02 ]
                            verified?
                              │
        ──Yes and Result NOK──┴──Yes and Results OK──


    Generation of Final Results              Generation of Final Results
         Confirmation                             Confirmation
             NOK                                       OK


[ DAC_BUP_02 ]←No──◇ Is the file          ◇ Is the file ──No──→ [ DAC_BUP_02 ]←
                     generated?              generated?
                         │                       │
                        Yes                     Yes

    Sending of the Final Results          Sending of the Final Results
    Confirmation NOK to the NEMO          Confirmation OK to the NEMO Local
    Local Trading System                  Trading System


[ DAC_BUP_02 ]←No──◇ Is the file sent?    ◇ Is the file sent? ──No──→ [ DAC_BUP_02 ]
                         │                       │
                        Yes                     Yes

    8.b. Reception of the Final MC        8.b. Reception of the Final Results
    Results Confirmation NOK to the       Confirmation OK to the NEMO Local
    NEMO Local Trading System             Trading System


                                    NEMO transfers the file
[ DAC_BUP_02 ]←No──◇ Is the file ──Yes→ confrmation to MC ←Yes──◇ Is the file ──No──→ [ DAC_BUP_02 ]
                    received?            Service Provider IT        received?
                                         System
                                              │
                                         ◇ PCR Decision ◇
                                              │
                              ──NOK──────────┴──────────OK──

    8.f. Sending of the Global Final        8.f. Sending of the Global Final
[ DAC_BUP_03 ]←  Results NOK from the NEMO Local   Results OK from the NEMO Local  →[ DAC_BUP_03 ]
                 Trading System to the TSO IT System   Trading System to the TSO IT System


                   ( Complete )                        ( Complete )
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The table below lists the DAC Generic processes related to the Final MC Results of the Market Coupling Results.

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

Table 2 – The DAC Final MC Results process

#	Process	Target Time	End Time	From	To	BACKUP	FALLBACK
7a	Sending of the Market Coupling Results for the Final MC Results	12:15	-	NEMO Local Trading System	Verification Systems	DAC_BUP_02	-
8a	Final MC Results process: verification of the Market Coupling Results against Cross-Zonal Capacities and optional Allocation Constraints	12:16	12:25	-	-	DAC_BUP_02	DAC_FAL_01
8b	Receiving of the Final MC Results of the Market Coupling Results	12:16	12:25	Verification Systems	NEMO Local Trading System	DAC_BUP_02	-
8c	Sending of the Final MC Results of the Market Coupling Results			NEMO Local Trading System	MC Service Provider's IT System	-	-
8d	MC Service Provider's Final MC Results Process			-	-	-	-
8e	Sending of the Global Final Results to NEMOs			MC Service Provider's IT System	NEMO Local Trading System	-	-
8f	Sending of the Global Final Results	12:25	-	NEMO Local Trading System	Verification Systems	DAC_BUP_02	-

2.3. Process Clarification

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

After the NEMO Local Trading System has received the Preliminary Global Confirmation from the MC Service Provider's IT System, the NEMO Local Trading System send the Market Coupling Results to the TSOs IT System to confirm the Market Coupling Results). This step is done at the same time as the publication of the preliminary Market Coupling Results to the Exchange Members.

Risk cases	Measures taken
1. NEMO Local Trading System cannot send the Market Coupling Results to the TSOs.	DAC_BUP_02
2. TSO IT System cannot receive the Market Coupling Results.	DAC_BUP_02

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

The TSO IT Systems perform 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 MC Results 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 MC Results has been sent, TSOs have to call NEMO in order to inform them about the rejection.

Risk cases	Measures taken

3. TSO IT System fails to perform the verification of the Market Coupling Results (technical failure).	DAC_BUP_02

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

Once the TSO's IT System have verified the Market Coupling Results, a Final MC Results is sent to the NEMO Local Trading System, which will forward it to the MC Service Provider's IT System.

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

If 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
4. TSO IT System could verify the Market Coupling Results but failed to generate the Final MC Results.	DAC_BUP_02
5. TSO IT System cannot send the Final MC Results in due time without compromising the fixed time for providing the MC Service Provider's IT System with the Final MC Results.	DAC_BUP_02
6. NEMO Local Trading System cannot receive the Final MC Results.	DAC_BUP_02
7. NEMO Local Trading System receives a negative confirmation from the TSOs IT System.	DAC_FAL_01

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

After the NEMO Local Trading System has received the Global Final Results from the MC Service Provider, the NEMO Local Trading System forward it to the TSO's IT System.

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

A negative Global Final Results 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 DAC_FAL_01.

Risk cases	Measures taken
8. Positive Global Final Results cannot be generated by the MC Service Provider.	DAC_BUP_02
9. Positive Preliminary Global Confirmation received too late to allow the completion of the Final MC Results process leading to a deemed acceptance (insufficient time to validate).	DAC_BUP_02
10. NEMO Local Trading System cannot send the Global Final Results to the TSO IT System.	DAC_BUP_02
11. TSO IT System cannot receive the Global Final Results.	DAC_BUP_02
12. TSO IT System receives a negative Global Final Results.	DAC_BUP_02
13. The negative Global Final Results has to be changed into a positive Global Final Results.	DAC_BUP_02

2.4. Final state

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