IDC_BUP_02: Final MC Results

Remarks

As a general principle, if this backup procedure cannot solve the issue by the **Latest Time to start an Incident Committee (█████)**, the operators refer to IDC_FAL_01.

A Final MC Results has to be provided within the █ minutes dedicated timeframe and no later than █████ time.

Contents

1. Introduction

The process concerned by this backup procedure is the verification of the Market Coupling Results by the TSOs. This process is followed by the sending of the Final MC Results towards the MC Service Provider and the sending of the Global Final Results from the NEMO towards the TSOs.

This backup procedure describes all the risk cases related to the IDC steps of the IDC_NOR_02 procedure and their related solutions.

1.1. Purpose

As a general remark, the aim of the backup procedures is to offer a common framework to which all the local backup procedures must be aligned accordingly.

The purpose of this procedure is to provide all relevant parties with an overview of the applicable backup solutions in case of problems during the coupling phase which might jeopardize the availability of confirmed Market Coupling Results by the Latest Time to Start an IC.

The ▮▮▮▮▮▮▮▮ are mentioned only for reference purposes, while the common backup solutions are explained in more detail.

1.2. Governed / Regulated by

- Intraday Auction Coupling Operations Agreement (IDCOA)
- NEMO-MC Service Provider Procedures

▮▮▮▮▮▮▮▮

1.3. Tools and Communication protocols

- NEMO Local Trading systems
- TSOs IT System

1.4. Associated procedures

Normal procedure:

- IDC_NOR_02: Final MC Results

Following normal procedure:

- IDC_NOR_03: Scheduled Exchanges Calculation and Transfer

Other associated procedures:

- IDC_ FAL_01: Incident Management
- IDC_OTH_02: Internal and External Communications

2. Procedure

The confirmation process of the Market Coupling Results by the TSOs includes:

- the sending of the Market Coupling Results to the TSOs IT System,
- the verification of the Market Coupling Results,
- the sending of the Final MC Results to the NEMO Local Trading System and

In any case,

- if the NEMO cannot send the Market Coupling Results to the TSOs IT System, or
- if the TSOs IT System cannot receive the Market Coupling Results, or
- if the TSOs IT System cannot check the Market Coupling Results, or
- if the TSOs IT System cannot send the Final MC Results to the NEMO Local Trading System, or
- if the NEMO Local Trading System cannot receive the Final MC Results,

the party/parties identifying the problem has/have to call the other one as soon as possible in order to make sure they are informed about the issue and to ensure both parties will do what is necessary to communicate the Final MC Results and try to keep on track for the market coupling.

If the Final MC Results of the Market Coupling Results has not been received by the NEMO Local Trading System within ▮ minutes after the Market Coupling Results have been sent from the NEMO Local Trading System to the TSOs IT System, the NEMO will contact the TSOs, in order to inquire information about the confirmation of the Market Coupling Results.

If a TSO encounters issues in confirming the Market Coupling Results or intends to send a negative Final MC Results, the NEMO ensures that the Market Coupling Results will not be accepted or will not be deemed accepted in IDC.

If the Final MC Results of the Market Coupling Results has still not been received by the MC Service Provider within the dedicated ▮ minutes and if the Final MC Results process cannot be performed, the deemed acceptance will be applied as described in Section 2.1.

All parties must do their utmost to ensure Market Coupling.

The steps and actions between NEMO and MC Service Provider are included in this procedure only for clarification reasons and are further detailed in the procedures between NEMO-MC Service Provider.

2.1.   Rules for applying a deemed acceptance for the Final MC Results

The deemed acceptance is a situation where the validating party (TSO) agrees with proceeding with the Market Coupling Results even if the verification could not be performed. Applying the deemed acceptance in the Final MC Results process is only possible if the NEMO has already validated the Market Coupling Results and a positive Preliminary Global Confirmation is available before the Full Decoupling deadline.

It is needed to apply the deemed acceptance during the Final MC Results process in one of the following situations:

a) The TSO IT System has technical issues in verifying the Market Coupling Results;

b) The positive Preliminary Global Confirmation file was generated too close to the Full Decoupling deadline and there is not enough time to perform Final MC Results process.

In order to apply the deemed acceptance, the following process shall be followed:

- An IC shall be triggered according to IDC_FAL_01 if the Final MC Results has still not been received by the MC Service Provider's IT System within the dedicated ▮ minutes window.

- NEMO shall ask the validating parties (TSOs) to agree with applying the deemed acceptance process.

- The validating parties shall agree with applying the deemed acceptance process for AL-KS interconnector as soon as possible and no later than the Full Decoupling Deadline.

- The agreement shall be given as soon as possible and no later than the Full Decoupling Deadline.

- Once all the parties have validated the Market Coupling Results or agreed with the deemed acceptance process, the Market Coupling Results shall be considered as firm, and the post-coupling process can be started.

2.2. General overview

The table below lists all the IDC-related risk cases that were identified in the related Normal procedure IDC_NOR_02 and indicates which actions should be taken on both local and IDC level.

Table 2 – Risk Cases associated to the Final MC Results process.

Risk Case	Process	Market Segment	Target Time (TTFR)	Latest Time to start IC (LTIC)	Full Decoupling Deadline (FDD)	FALLBACK
1	NEMO Local Trading System cannot send the Market Coupling Results to the TSOs	CRIDA-1	▮	▮	▮	IDC_FAL_01 IDC_FAL_02
		CRIDA-2	▮	▮	▮	IDC_FAL_01
		CRIDA-3	▮	▮	▮	IDC_FAL_02
2	TSO IT System cannot receive the Market Coupling Results.	CRIDA-1	▮	▮	▮	IDC_FAL_01 IDC_FAL_02
		CRIDA-2	▮	▮	▮	IDC_FAL_01
		CRIDA-3	▮	▮	▮	IDC_FAL_02
3	TSO IT System fail to perform the verification of the Market Coupling Results (technical failure).	CRIDA-1	▮	▮	▮	IDC_FAL_01 IDC_FAL_02
		CRIDA-2	▮	▮	▮	IDC_FAL_01
		CRIDA-3	▮	▮	▮	IDC_FAL_02
4	TSO IT System failed to generate the Final MC Results.	CRIDA-1	▮	▮	▮	IDC_FAL_01 IDC_FAL_02
		CRIDA-2	▮	▮	▮	IDC_FAL_01
		CRIDA-3	▮	▮	▮	IDC_FAL_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 with the Final MC Results.	CRIDA-1	▮	▮	▮	IDC_FAL_01 IDC_FAL_02
		CRIDA-2	▮	▮	▮	IDC_FAL_01 IDC_FAL_02
		CRIDA-3	▮	▮	▮	
6	NEMO Local Trading System cannot receive the Final MC Results.	CRIDA-1	▮	▮	▮	IDC_FAL_01 IDC_FAL_02
		CRIDA-2	▮	▮	▮	IDC_FAL_01
		CRIDA-3	▮	▮	▮	IDC_FAL_02
7	NEMO Local Trading System receives a negative confirmation from the TSOs IT System	CRIDA-1	▮	▮	▮	IDC_FAL_01 IDC_FAL_02
		CRIDA-2	▮	▮	▮	

#	Description	CRIDA				Ref
		CRIDA-3	▮	▮	▮	IDC_FAL_01 IDC_FAL_02
8	Positive Global Final Results cannot be generated by the MC Service Provider's IT System	CRIDA-1	▮	▮	▮	IDC_FAL_01 IDC_FAL_02
		CRIDA-2	▮	▮	▮	IDC_FAL_01
		CRIDA-3	▮	▮	▮	IDC_FAL_02
9	Positive Preliminary Global Confirmation received too late to allow the completion of the Final MC Results process (insufficient time to validate)	CRIDA-1	▮	▮	▮	IDC_FAL_01 IDC_FAL_02
		CRIDA-2	▮	▮	▮	IDC_FAL_01 IDC_FAL_02
		CRIDA-3	▮	▮	▮	
10	NEMO Verification Coupling Module cannot send the Global Final Results.	CRIDA-1	▮	▮	▮	IDC_FAL_01 IDC_FAL_02
		CRIDA-2	▮	▮	▮	IDC_FAL_01
		CRIDA-3	▮	▮	▮	IDC_FAL_02
11	TSO IT System cannot receive the Global Final Results	CRIDA-1	▮	▮	▮	IDC_FAL_01 IDC_FAL_02
		CRIDA-2	▮	▮	▮	IDC_FAL_01
		CRIDA-3	▮	▮	▮	IDC_FAL_02

2.3. Risk Cases – Process clarification

Case 1: NEMO Local Trading System cannot send the Market Coupling Results to the TSOs.

Once the preliminary Market Coupling Results are available, the Local Trading System of the NEMO automatically send them to the TSOs IT System for verification at the publication time.

If the Local Trading System of the NEMO is not able to send the Market Coupling Results before ▮▮▮▮▮, the following actions have to be successively performed:

a) NEMO contacts the relevant TSOs IT System operator by phone in order to inform them about the issue;

b) NEMO contacts the MC Service Provider by phone in order to inform them about the issue and ensures the Market Coupling Results will not be accepted or will not be deemed accepted in IDC;

c) NEMO sends the Market Coupling Results to the relevant TSOs in backup mode, according to ▮▮▮▮▮▮.

If step b) has not been performed and if the MC Service Provider has not been informed within the ▮ minutes dedicated to the Final MC Results, an IC will be triggered immediately according to IDC_FAL_01.

In case the Market Coupling Results are confirmed during the IC, deemed acceptance will be applied. In case the Market Coupling Results are rejected during the IC an investigation will take place according to IDC_FAL_01.

Case 2: TSO IT System cannot receive the Market Coupling Results.

Once the Local Trading System of the NEMO have sent the Market Coupling Results, the TSOs IT System receives them automatically.

If one of the TSOs IT System does not receive the Market Coupling Results before Target Time, the following actions are to be successively performed:

a) The relevant TSO informs the NEMO about the issue by phone. If the NEMO has not been informed after ▮ minutes, they will contact the relevant TSO;
b) NEMO contacts the MC Service Provider by phone in order to inform about the issue, and ensures the Market Coupling Results will not be accepted or will not be deemed accepted in IDC;
c) The NEMO resends the Market Coupling Results and if the reception is still unsuccessful, the Market Coupling Results have to be sent in backup mode;
d) The relevant TSO receives the Market Coupling Results from the NEMO in backup mode.

If step b) has not been performed and if the MC Service Provider has not been informed within the ▮ minutes dedicated to the Final MC Results, an IC will be triggered ▮▮▮▮▮▮ by the NEMO.

In case the Market Coupling Results are confirmed during the IC, deemed acceptance will be applied. In case the Market Coupling Results are rejected during the IC, an investigation will take place according to IDC_FAL_01.

Case 3: TSOs IT System fail to perform the verification of the Market Coupling Results (technical failure).

Once the TSOs IT System has received the Market Coupling Results, the verification process starts automatically.

If the TSOs IT System cannot perform the confirmation of the Market Coupling Results by ▮▮▮▮▮, the following actions are to be successively performed:

a) The relevant TSO informs the NEMO about the issue by phone. If the NEMO has not been informed after ▮ minutes, they will contact the relevant TSO;
b) The relevant TSO informs the NEMO whether the Market Coupling Results are considered as confirmed or not since they cannot perform and generate the Final MC Results;
c) The NEMO informs the MC service Provider that the deemed acceptance has to be performed or, if there is enough time, the NEMO sends the Final MC Results on behalf of the related TSO in backup mode according to NEMO-MC Service Provider Procedures

If step c) has not been performed and if the MC Service Provider has not been informed within the ▮ minutes dedicated to the Final MC Results, an IC will be triggered immediately by the NEMO. The Market Coupling Results are confirmed during the IC and the deemed acceptance shall be applied according to the process described in Section 2.1.

Case 4: TSO IT System failed to generate the Final MC Results

Once the TSOs IT System has verified the Market Coupling Results, it generates a positive or negative Final MC Results.

If the TSOs IT System cannot generate a positive or negative Final MC Results by ███ ███, the following actions are to be performed:

a) The relevant TSO informs the NEMO about the issue by phone. If NEMO has not been informed after █ minutes, they will contact the relevant TSO;

███████ minutes, the following actions have to be performed:

b) The relevant TSO informs the NEMO whether the Final MC Results is positive or negative. If the Final MC Results is negative, the reason for rejection has to be clearly stated.

    b.1) If the Final MC Results is positive, the NEMO informs the MC Service Provider that the deemed acceptance has to be performed.

    b.2) If the Final MC Results is negative, the NEMO generates a negative Final MC Results on behalf of the TSO, sends it to the MC Service Provider and an IC will be triggered.

If step b) has not been performed within the dedicated █ minutes, an IC will be triggered, and the deemed acceptance will be applied.

Case 5: TSO IT System cannot send the Final MC Results in due time without compromising the fixed time for providing the MC Service Provider with the Final MC Results

If the TSOs IT System have performed the verification of the Market Coupling Results but they cannot send the Final MC Results during the █ minutes dedicated to the Final MC Results process, the following actions are to be successively performed:

a) The relevant TSO informs the NEMO about the issue by phone. If the NEMO has not been informed after █ minutes, they will contact the relevant TSO;

b) The relevant TSO informs the NEMO that the Market Coupling Results are considered as:

    b.1) Confirmed;

    b.2) Rejected (by stating clearly the reason/s of rejection).

c) The relevant TSO sends the Final MC Results in backup mode to NEMO, according to ███████.

d) According to the status of the Market Coupling Results, the NEMO has to perform the following actions:

    d.1) If the Market Coupling Results are confirmed, the NEMO sends the Final MC Results in backup mode or, if there is not enough time, the MC Service Provider is informed that the deemed acceptance has to be performed;

    d.2) If the Market Coupling Results are rejected, the NEMO ensures that the Market Coupling Results will not be accepted or will not be deemed accepted in IDC and sends the Final MC Results containing the reasons of rejection in backup mode.

If the Market Coupling Results have been rejected by the TSOs, NEMO will initiate the Incident Committee call (see IDC_FAL_01) and start preparing for Full Decoupling (see IDC_FAL_02).

If step d) has not been performed and if the MC Service provider has not been informed within the ▉ minutes dedicated to the Final MC Results, an IC will be triggered immediately by the NEMO. In case the Market Coupling Results are confirmed, deemed acceptance will be applied during the IC. In case the Market Coupling Results are rejected an investigation will take place according to IDC_FAL_01.

Case 6: NEMO Local Trading System cannot receive the Final MC Results

If the Local Trading System of the NEMO cannot receive the Final MC Results of the Market Coupling Results due to technical issues after the first ▉ minutes of the Final MC Results process, the following actions are to be performed:

a) The NEMO informs the relevant TSO about the issue by phone;
b) The relevant TSO sends the Final MC Results in backup mode, according to ▉ ▉
c) NEMO sends the Final MC Results in backup mode to the MC Service Provider.
d) The MC Service Provider manually uploads the Final MC Results into its system.

If step c) has not been performed within the ▉ minutes, an IC will be triggered immediately by the NEMO. In case the Market Coupling Results are confirmed, deemed acceptance will be applied during the IC. In case the Market Coupling Results are rejected an investigation will take place according to IDC_FAL_01.

Case 7: NEMO Local Trading System receive a negative Final MC Results from the TSOs.

If the NEMO receives a negative Final MC Results of the Market Coupling Results from the TSOs, the NEMO has to send the Final MC Results containing the reason of rejection.

If the Market Coupling Results have been rejected through a file or a phone call within the ▉ minutes, the NEMO will initiate the Incident Committee according to IDC_FAL_01 and start preparing for the Full Decoupling (see IDC_FAL_02).

If the rejection has not been sent and the MC Service Provider not been informed during the ▉ minutes dedicated to the Final MC Results, the NEMO will initiate the Incident Committee call.

If a negative Final MC Results is received from any validating party, a negative Global Final Results will be generated and automatically sent to all validating entities, but no Full Decoupling can be declared anymore.

Case 8: Positive Global Final Results cannot be generated by the MC Service Provider

If the MC Service Provider's IT System cannot generate a positive Global Final Results file after having received the Final MC Results from the NEMO, an IC will be triggered.

Consequently, the MC Service Provider will send the internal message *ALPEX_InC_06* in order to confirm that the Results are considered as final by all parties and that the post-coupling processes can start.

Case 9: Positive Preliminary Global Confirmation received too late to allow the completion of the Final MC Results process (insufficient time to validate)

This case describes the situation where the Market Coupling Results have been accepted by the NEMO through a positive Global Final Results but there is insufficient time left to start and/or complete the Final MC Results process by the TSOs, until ███████, the Full Decoupling deadline

██████████ at the latest, the NEMO will inform the TSOs, very clearly in the IC that the positive Preliminary Global Confirmation has been generated and that the deemed acceptance can be applied according to the process described in Section 2.1.

In order to make sure all systems can continue the process, a positive Global Final Results will be generated by the MC Service Provider and sent to all validating entities. In case such positive Global Final Results cannot be sent to all validating entities, the message *ALPEX_InC_05* will be sent instead.

Case 10: NEMO Local Trading System cannot send the Global Final Results.

If the Local Trading System of the NEMO cannot send the Global Final Results of the Market Coupling Results received from the MC Service Provider due to technical issues, the following actions are to be performed according to ████████████:
   a) The NEMO informs the relevant TSO about the issue by phone/email;
   b) The NEMO sends the Global Final Results in backup mode;
   c) The relevant TSO receives the Global Final Results in backup mode.

Case 11: TSO IT System cannot receive the Global Final Results.

If the TSOs IT System cannot receive the Global Final Results of the Market Coupling Results due to technical issues, the following actions are to be performed according to ████████████:

   a) The relevant TSO informs the relevant NEMO about the issue by phone/email;
   b) The NEMO sends the Global Final Results in backup mode;
   c) The relevant TSO receives the Global Final Results in backup mode.

3.   Final state to start the next normal procedure.

The final state in order to be able to start the next normal procedure is when the Global Final Results of the Market Coupling Results has been successfully received by the TSOs or the other parties entitled by the TSOs to confirm them.

4.   Incident investigation and reporting

When the price coupling process is completed, in case an Incident Committee was organized, the NEMO is responsible for filling in the Incident Committee Report and

distribute it to all the Incident Committee parties, as described in procedure IDC_FAL_01.