

ANDOA_NOR_04: Calculation Process

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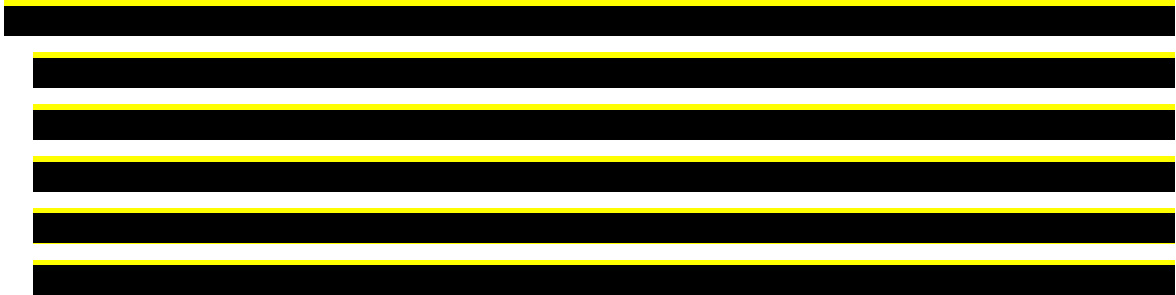
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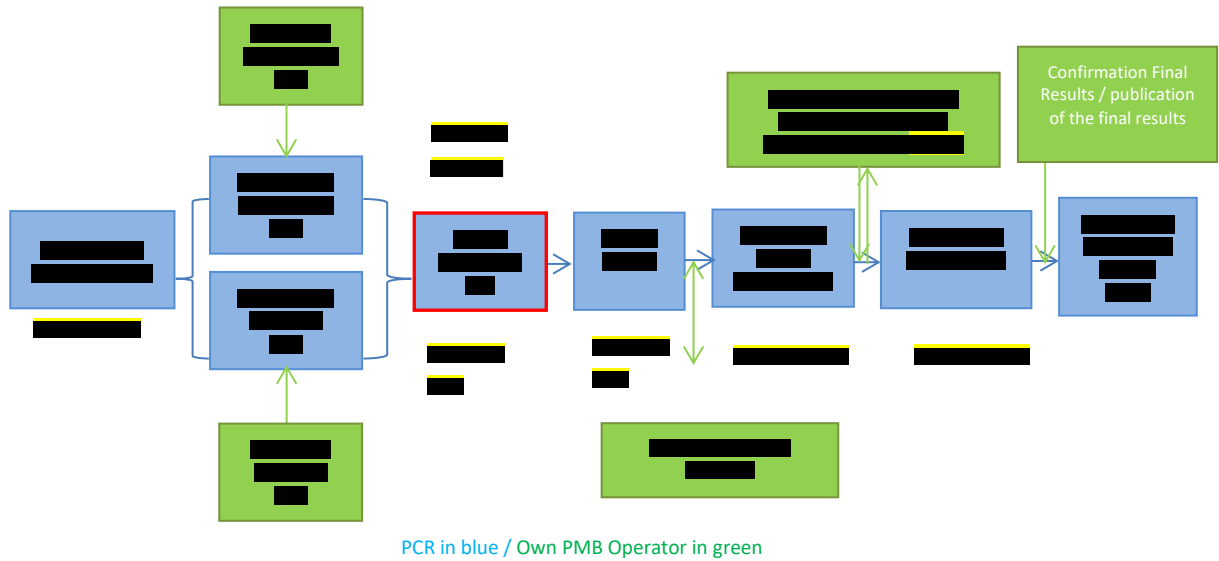
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1. Introduction

This procedure describes the Market Coupling calculation process that is performed on a daily basis before the Target Time.



1.1. Summary

This process can only be started after the Target Time and after all Network Data and Order Data have been received in the PMB (see ANDOA_NOR_02 and ANDOA_NOR_03). When the previous conditions are fulfilled, the Algorithm will validate the input data and then automatically start the Algorithm execution.

This procedure ends when the PMB indicates that the Market Coupling Results calculation has finished successfully.



The ANDOA_NOR_04 procedure describes the normal Calculation process, which consists in finding a valid solution, including NEMO flow valid calculation, within the Calculation Time Limit.

The running of the Market Coupling calculation process is mandatory for the PMB Coordinator and the PMB Backup Coordinator. If the PMB Coordinator cannot perform this task due to an exceptional situation, the PMB Backup Coordinator will take over the PMB Coordinator role and responsibilities.

It is possible to see in all PMBs the PMB Coordinator calculation sub-process.

The other PMB Operators may perform this task in case they want to run a parallel matching for internal use and verification purposes.

1.2. Governed / Regulated by

-All NEMO Day Ahead Operational Agreement

1.3. Associated Procedures

- **In normal situation:**
 - ANDOA_NOR_02: Network Data Sending and Receiving and *ANDOA_NOR_03: Order Data Sending and Receiving* must have been successfully completed.
 - ANDOA_NOR_05: Results Sharing and Receiving
When ANDOA_NOR_04 has passed successfully, the system automatically continues to the next step: Results Sharing
- **In backup situation** as soon as an event happens that prevents the normal performance of the ANDOA_NOR_04 process steps the PMB operators refer to ANDOA_BUP_04

2. Procedure

2.1. Preconditions to start

The calculation phase is ready to start as soon as the Procedures *ANDOA_NOR_02: Network Data Sending and Receiving* and *ANDOA_NOR_03: Order Data Sending and Receiving* are successfully completed and the PMB Gate Closure Time is reached.

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