Core_OTH_01: Procedures Reading Instructions

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Approval

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1.0	xx	Core JSC		

Previous versions

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Remarks

Contact details can be found in the Core Contact List.

Disclaimer

All the timings included in this procedure refer to Central European Time (CET). CET refers to CET and CEST.

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1. Introduction

1.1. Summary

The purpose of this document is to provide an overview of the Core procedures that apply in the operation of the Core Day-ahead market.

1.2. Procedural and technical information

1.3. Overall presentation

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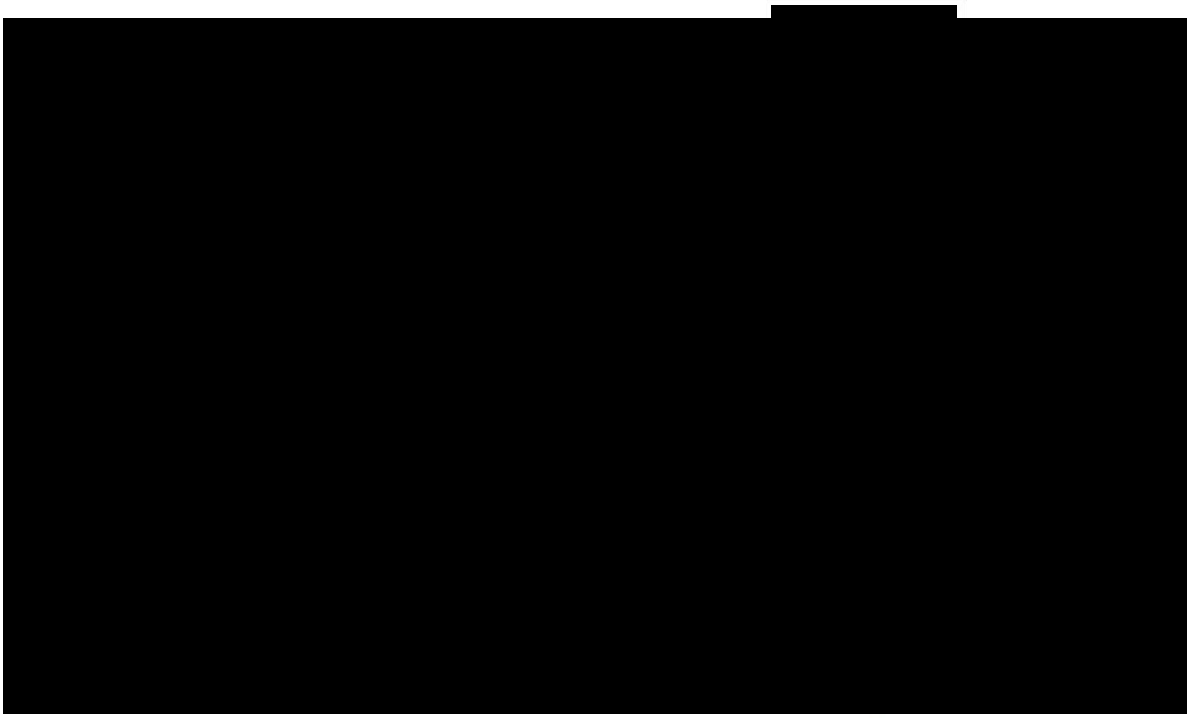

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2. Procedures

[redacted]

2.1. Normal Procedures

[redacted]

2.2. Backup procedures

Backup procedures (Core_BUP_XX) describe the backup actions that are available in order to overcome any issue (for instance: sending of a file in another way – by email). Backup procedures should be triggered once the Target Time associated to a specific process step cannot be met or is foreseen not to be met with normal procedures. It could be also the case to start with the backup procedures even before Target Time e.g. when it is known in advance that normal procedures cannot be followed.

Below you can find an overview of the backup procedures:

- Core_BUP_01: Cross-Zonal Capacities and Allocation Constraints
- Core_BUP_02: Final Confirmation of the Results by the Core TSO CS
- Core_BUP_03: Market Coupling Results and Rights Document Transfer
- Core_BUP_04: Local Hub Nomination, Cross-border Nomination and Congestion Income

2.3. Fallback Procedures

Fallback procedures (Core_FAL_XX) are triggered when the Market Coupling Results cannot be performed by normal operations, including backup and special procedures.

Fallback procedures can be split into two parts:

- Partial decoupling
- Full Decoupling

In case the issue is solved before the Partial / Full Decoupling Deadline, performing of the fallback procedure can be stopped i.e. no decoupling to be performed.

The following Fallback procedures are established on Core level:

- Core_FAL_01: Incident Management
- Core_FAL_02: Full Decoupling
- Core_FAL_03: Partial Decoupling

2.4. Other Procedures

The Other procedures (Core_OTH_XX) are related to certain planned specific situations which need to be managed by a formalized procedure and for any other subject that needs a common approach at the regional level.

The following other procedures are established at the regional level:

- Core_OTH_01: Reading Instructions for Core Procedures
- Core_OTH_02: Internal and External Communications
- Core_OTH_03: Core Publications
- Core_OTH_04: Core Market Operator Tasks and Rotational Scheme
- Core_OTH_05: Core Change Control procedure

2.5. Rollback Procedures

Rollback is defined as the switch back from the Core Flow Based Market Coupling process to the previously available Market Coupling or explicit day-ahead auctions via JAO, where applied before the Core FB MC Go-Live.

Even when tested thoroughly, there is always a risk of failure when switching from Flow Based Market Coupling process to the previously available Market Coupling process on the launch day itself as well as during the first period after the launch.

In order to mitigate this risk, the project parties will keep possible rollback options as a backup available for six weeks after launch of Core FB Market Coupling.

Please refer to:

- Core_ROB_01: Organization of the Rollback

3. Glossary

A glossary is attached to this procedure.

Annex to Core_OTH_01

Core Procedures Glossary

Term	Definition	Abbreviation
Acknowledgement	Technical acknowledgement materialized by a message sent by the "receiving" system to the "sending" system. The generation and sending of a positive acknowledgement by the receiving system allows the process to continue	ACK
Aggregated Order Information	Set of all relevant data representing all Orders provided to the PMB by a NEMO for a given day in an anonymous way	-
Allocation Constraints	Technical constraints calculated and provided by the TSO to the responsible Core NEMO in order to be used by the PCR algorithm. Allocation Constraints may include (but shall not be limited to): operational security constraints, ramping constraints, transmission losses.	AC
Allocation Entity	TSO or another party entitled by the TSO for performing the Shadow Auctions in case Explicit Allocation is needed.	-
Allocation / Capacity Allocation	Attribution of the Cross Zonal Capacity. Capacity Allocation refers to the Implicit Allocation (for both capacity and energy) if the Bidding Areas are coupled. Capacity Allocation refers to the Explicit Allocation (for capacity only) if the Bidding Areas are decoupled.	-
Area	Country or Bidding Area	-
ATCs for Shadow Auctions	ATCs derived from the Flow-Based domain and used for the Shadow Auctions process.	-
Available Transmission Capacity	The transfer capability remaining in the physical transmission network for further commercial activity over and above already committed uses.	ATC
Backup procedure	Procedure that is triggered no later than the relevant Target Time if an issue interrupts the normal process	BUP

Term	Definition	Abbreviation
Bidding Area / Bidding Zone	Largest geographical area within Market Participants are able to exchange electricity without Capacity Allocation. The Bidding Areas that can be decoupled according to the Core procedures are the following: France (FR), Germany / Luxembourg (DE / LU), Austria (AT), Belgium (BE) and the Netherlands (NL), Poland (PL), Czech Republic (CZ), Slovakia (SK), Hungary (HU), Romania (RO), Croatia (HR), Slovenia (SI)	-
Capacity Allocation	The attribution of Cross Zonal Capacity.	
CCP Shipping Systems	Systems hosted by the Central Counter Parties and used to process the Scheduled Exchanges Nominations.	-
Central Counter Party	Entity performing the function of entering into contracts with Market Participants, by novation of the contracts resulting from the matching process and of organizing the transfer of Net Positions resulting from Capacity Allocation with other Central Counter Parties or Shipping Agents.	CCP
Central European Time	Standard time which is 1 hour ahead of the Coordinated Universal Time (UTC+01:00). All member states of the European Union observe summer time; those that use CET during the winter use Central European Summer Time (CEST), UTC+02:00. All the timings mentioned in the Core procedures are expressed in CET.	CET
Core CCR	Capacity Calculation region containing the following Bidding Zone borders: France-Belgium, Belgium-Netherlands, France-Germany/Luxembourg, Netherlands-Germany/Luxembourg, Belgium-Germany/Luxembourg, Germany/Luxembourg-Poland, Germany/Luxembourg-Czech Republic, Austria-Czech Republic, Austria-Hungary, Austria-Slovenia, Czech Republic-Slovakia, Czech Republic-Poland, Hungary-Slovakia, Poland-Slovakia, Croatia-Slovenia, Croatia-Hungary, Romania-Hungary, Hungary-Slovenia, Germany/Luxembourg-Austria.	Core

Term	Definition	Abbreviation
Change Control Administrator	Person responsible for the central management and administration of changes under the Change Control Procedure (Core_OTH_05).	CCA
Core TSOs' Core Common Environment Interconnectors	Interconnectors that are linked to the Core TSO Common system in terms of: CZCs, Final Confirmations or post-coupling activities. The Core TSO Common System interconnectors are the following: - the Core internal borders: • FB Border:(DE/LU-AT, DE/LU-BE, FR-DE/LU, BE-FR, NL-BE, NL-DE/LU, AT-SI, HR-SI, CZ-AT, CZ-DE/LU, CZ-SK, PL-DE/LU, PL-CZ, PL-SK, SK-HU, HU-RO, HU-AT, HU-HR) • Evolved FB ATC border: ALBE-ALDE (ALEGrO)[1] - FR-ES, - DK1-DE, - NO2-DE (Nordlink), - NO2-NL (NorNed), - DK1-NL (COBRAcable), - IT-FR, - IT-AT, - RO-BG	Core TSO CS interconnectors

[1] ALEGrO is modeled with Evolved Flow Based and composed of 2 virtual Biddings zones in FB domain and an ATC-DC interconnector:
- ALBE is a virtual bidding zone connected to Belgian Bidding zone.
- ALBE-ALDE is the ATC Link for Evolved Flow Based, considered in these precedure as a Core internal border; and
- ALDE is a virtual bidding zone connectied to Germany/Luxembourg Bidding zone (Amprion scheduling area)

Term	Definition	Abbreviation
	Interconnector is used interchangeably with border, and by border is meant border between two bidding zones.	
Component	Whole set of different information and communication technology systems (software and hardware), interfaces with these systems which are necessary for the functioning of the Market Coupling	
Congestion Income	Revenues received by the TSOs as a result of Capacity Allocation in the Day-Ahead markets (in case of congestion).	-
Congestion Income Distribution	Activity of distributing the Congestion Income to the TSOs	CID
Congestion Income TSO Share	Share of each TSO of the Congestion Income	-
Congestion Revenue Distribution System	JAO system performing the role of distributing the Congestion Income.	CRDS
Cross-border Nomination (or Cross-zonal Nomination)	The nomination performed by designated shippers to the relevant TSOs for cross-zonal exchanges of energy between two NEMO trading Hubs located in two different neighbouring bidding zones. The quantity of energy to nominate corresponds to the information provided by the NTH to NTH Cross-zonal Scheduled Exchange.	-
Cross-NEMO Clearing and Settlement Support System	Part of the Local NEMO IT Systems dedicated to the shipping activities (checking of the Scheduled Exchanges compared to the Net Positions, sending the trading confirmations for transmission obligations to the CCPs and sending the results to CRDS).	CNCS
Cross-Zonal Capacity	Capability of the interconnected electricity transmission network to accommodate energy transfer between Bidding Zones. It can be expressed as Available Transfer Capacities (ATC) values or Flow-Based (FB) parameters, and takes into account Allocation Constraints.	CZC
Curtailment	Market situation when the minimum or maximum technical price limits are reached in a particular Bidding Area and hour.	-

Term	Definition	Abbreviation
	In this situation, multiple orders match the market clearing price and are therefore only partially fulfilled.	
Core High-Level Functional Architecture	Document providing the overall flow schema of Core	HLFA
Core Internal Borders	DE/LU-AT, DE/LU-BE, FR-DE/LU, BE-FR, NL-BE, NL-DE/LU, AT-SI, HR-SI, CZ-AT, CZ-DE/LU, CZ-SK, PL-DE/LU, PL-CZ, PL-SK, SK-HU, HU-RO, HU-AT, HU-HR BE-ALBE and ALDE-DE. In addition the ATC link between ALBE and ALDE is also considered as Core Internal Border, even if the CZC and the validation is performed independently of other Core internal borders.At any given moment, these borders can be either all coupled or all decoupled. They can never be partially decoupled.	-
Core Market Operator	NEMO on-duty, responsible for sending the Market Coupling Results to the TSO CS for performing the final validation and for all the other tasks listed in the Core_OTH_04 procedure. The Core MO role is shared on a rotating basis between the NEMO's active in Core region.	Core MO
Core MC Framework Agreement	Contract regulating the operations of the Day-Ahead Market Coupling of the Core region.	FA
Core NEMO Verification Coupling Module	Part of the Local NEMO IT System that is involved in the Final Confirmation (the sending of the Price Coupling Results and the Net Positions per Bidding Area to the Core TSO Common System).	-
Core NEMOs Trading Systems	The different Trading Systems used by the Core NEMOs to collect the Orders from the Market Participants for each Bidding Zone of Core region and to provide them the Individual Results are grouped together as the 'Core NEMOs Trading Systems'.	-
Core Regional Parties	All entities that are relevant for the daily operations of Core CCR. This includes • All Core NEMOs and their service provider • All Core TSOs • Core TSO Common System Pre-coupling Operators (TSCNET, CORESO) • Core TSO Common system Post-coupling Operator (JAO) • CID operator (JAO) • Core CCPs and Core Shipping Agents	-

Term	Definition	Abbreviation
	• Core TSO Common System service provider (Unicorn)	
Daily Trade Report	Report produced by the CCP at the end of a MC session.	-
Day-Ahead Market	Market timeframe where commercial transactions are executed the day prior to the day of delivery of the traded products.	DAM
Delivery Day	Day of the delivery (D-1 means the day before the delivery, that is to say the day of the Day-Ahead trades, and D+1 means the day after the delivery)	D
Deemed Acceptance	A situation where the Final Confirmation of the Market Coupling Results cannot be performed due to any issue by the validating parties. The response (positive or negative) is provided by the validating parties within a dedicated time period.	-
Default Decoupling CZC file	CZC file which contains zero values needed in case of a decoupling at the Interconnector level.	-
Default Flow-Based Parameters	Fall-back flow-based parameters used when the parameters calculation could not be performed properly due to any issue occurring in the calculation process.	
Energy Communication Platform	A simple communication platform focused on data exchange in the power industry. It provides flexible and reliable means of communication for up to millions messages a day with the highest security standards	ECP
Emergency Committee	Local decision-making committees responsible for organizing and implementing the local fallback solutions in case of decoupling, for handling some specific situations after a Partial Decoupling and in case of major issues in the Nomination process.	-
End Time	Time by when a step has to be completed	-
Explicit (Capacity) Allocation	Allocation of Cross Zonal Capacity only, without simultaneous energy allocation and when the counter-party is known.	-
Explicit Auction	Auctions of capacities independent of energy trading transactions.	-

Term	Definition	Abbreviation
External borders	Correspond to borders different from Core internal borders: FR-ES, FR-IT, AT-IT, NO2-NL, RO-BG, DK1-DE/LU	
External Communication	Communication flow from the Core NEMOs towards their TSOs and Market Participants.	ExC
Evolved Flow Based	Set of method and procedures allowing to consider a DC link between 2 FB bidding zones , using a modelization with 2 virtual bidding zones connected to the two FB bidding zones and an ATC link connecting these virtual Bidding zones. External constraints and ptdf associated to these virtual Bidding zones allow the integration within the flow based calculation. In the post-coupling process, these virtual bidding zones are removed and a normal "internal CWE border" is considered between the real bidding zones. (example of ALEGrO BE-DE/LU interconnector: The border is composed of the 2 Virtual Bidding Zones ALBE (connected to BE) and ALDE (connected to DE/LU (Amprion Scheduling Area), and with an ATC border ALBE-ALDE).	
Fallback procedure	Procedure that is triggered if the backup procedures do not manage to solve an issue that could lead to a Partial / Full Decoupling situation.	FAL
Final Confirmation	Confirmation by the TSOs of the MC Results (after the Global Preliminary NEMO confirmation), with respect to the CZCs and optional Allocation Constraints.	-
Final Results	Market Coupling Results that are confirmed by NEMOs and the TSOs .	-
Financial Transmission Right	Right granted to a market participant to receive the actual day-ahead marked spread on in a given direction and on a given border between two given Core TSOs, for each hourly period of a given day.	FTR
Flow-Based	A capacity calculation method limiting the exchanges between Bidding Zones directly with the maximum flows on the Critical Network Elements and Power Transfer Distribution Factors.	FB
Full Decoupling	Situation where it is not possible, for a specific day, to allocate the CZCs via the implicit allocation process for the entire SDAC price coupled area.	FD

Term	Definition	Abbreviation
Full Decoupling Case 1	Full Decoupling known during the Daily Market Coupling Session -> 14:00 deadline.	FD1
Full Decoupling Case 2	Full Decoupling known in Advance -> 10:30 deadline.	FD2
Full Decoupling Deadline	Latest moment in time when a Full Decoupling can be declared by the Incident Committee.	-
Gate Closure Time / NEMO order book Gate Closure Time	Time identified for the closure of the NEMO order book. This is the last moment for a participant to enter an order in the trading platform.	GCT / NEMO GCT
Global Final Confirmation	Final confirmation file generated by the PMB and confirming if the Market Coupling Results are validated or invalidated by the NEMOs and TSOs. This final confirmation includes the TSOs validation.	GFC
Global Preliminary NEMO Confirmation	Preliminary confirmation file generated by the PMB and confirming if the Market Coupling Results are validated or invalidated by the NEMOs only.	-
Incident Committee	Decision-making committee initiated by the PCR Coordinator as soon as the Latest Time to Start an Incident Committee is reached. There is only one IC for the price coupled regions.	IC
Incident Committee Report	Report filled and provided by the PCR Coordinator following a Market Coupling Session when an incident required the triggering of the Incident Committee.	-
Individual Results	For each Market Time Period, price of each Bidding Zone and allocated quantities of a Market Participant.	
Interconnector	Transmission line which crosses or spans a border between countries and which connects the national transmission systems of the countries.	-
Internal Communication	Email communication flow between the Core NEMOs and Core TSOs.	InC
Intraday Market	Market timeframe between Intraday Cross Zonal Gate Opening Time and Intraday Cross Zonal Gate Closure, where commercial transactions are executed prior to the delivery of traded products.	IDM

Term	Definition	Abbreviation
Joint Allocation Office	A service company that, on behalf of the involved Transmission System Operators, acts as a single point to implement and operate services related to the auctioning of power transmission capacity on the common borders between the Core bidding zones. JAO is also the provider of the Shadow Auction system.	JAO
Joint Allocation Office eCAT platform		JAO eCAT
Joint Capacity Calculation Module	The TSOs' Joint Capacity Calculation Module comprises all common TSO processes which (a) produce the CDD (Capacity Domain Data) via the coordinated capacity calculator and (b) allow for an effective capacity data validation process and (c) serves as a centralised capacity data source towards NEMOs and individual Core TSOs.	JoCCM
Joint Verification Module	According to Article 48 (2) of CACM each TSO shall verify that the single day-ahead coupling results of the price coupling algorithm have been calculated in accordance with the allocation constraints and validated cross-zonal capacity as provided to Local NEMO Pre-Coupling Systems. The TSOs' Joint Verification Module verifies, if the single day-ahead coupling results of the price coupling algorithm, incl. Scheduled Exchanges on the non-Core interconnectors (when required by the relevant TSOs) were calculated in accordance with the CDD (Capacity Domain Data) provided by Core TSOs for the market coupling. Besides validation processes it provides TSOs, TSO SAs and the CID entity with relevant post-coupling information.	JVM
Known in Advance	Situation where the critical issue leading to a Partial / Full Decoupling is already identified because the issue would have caused the Partial / Full Decoupling for the previous Market Coupling Session.	-
Latest Time to Start an Incident Committee	Latest moment in time when an Incident Committee needs to be organized by the PCR Coordinator.	-
Local Hub	The scheduling area where CCPs, Shipper and Market parties can nominate to the relevant TSO quantities of energy within the bidding zone	-

Term	Definition	Abbreviation
	according to Scheduled Exchanges or inter-NEMO flows as determined by the ANDOA solution.	
Local Market Results	Results published by the PXs after running local auctions.	-
Local NEMO IT System	IT infrastructure of a NEMO, which may include the following components: a Pre-Coupling Module, a Trading System, a Verification Coupling Module, a Post-Coupling Module and a Cross-NEMO Clearing and Settlement Support System.	-
Local Nomination	The nomination performed by CCPs, Shippers and Market Parties in the Local Hub.	
Market Coupling	Implicit auction process to allocate the transmission capacities in a defined region.	MC
Market Coupling Results	Results calculated by the PCR Algorithm (EUPHEMIA) and sent to the TSO CS for validation, containing flows on interconnectors excluding the Nordic internal flows, the MRC Net Positions and prices.	MC Results
Market Coupling Session	Daily auction on the Day-Ahead Market taking place on the day before the delivery date.	MCS
Market Participant	Entity authorized by a NEMO to submit Orders.	MP
Market Design For implementation		MDFI
Multi NEMO Arrangements	National TSO document, written in accordance with article 45 of CACM Regulation and approved by national regulator, describing cross-zonal capacity allocation and other necessary arrangements in case more than one NEMO is designated and / or offers trading services in the TSO bidding zone. There are several MNAs in Core, but they are all based on the same "Core common principles".	MNA
Multiprotocol Label Switching	A routing technique in telecommunications networks that directs data from one node to the next based on short path labels rather than long network addresses, thus avoiding complex lookups in a routing table and speeding traffic flows.	MPLS

Term	Definition	Abbreviation
NEMO Pre-Coupling Module	Part of the Local NEMO IT Systems dedicated to the reception and aggregation of the Cross-Zonal Capacities and the Allocation Constraints from the TSOs and the sending of this file to the Broker-module to the PMB System.	-
NEMO Trading Systems	Electronic systems hosted and operated independently by the NEMOs for ensuring the daily auctions on the Day-Ahead Market.	-
NEMO Trading Hub, NEMO Hub	Combination of NEMO, active in a Scheduling Area, within a Bidding Zone. More precisely, this means a Bidding Zone (including the Scheduling Area level) where the NEMO is active.	NTH
Net Position	Netted sum of electricity exports and imports for each Market Time Period for a given Bidding Area.	NP
Network Data	Aggregated CZCs and Allocation Constraints file that is submitted by the Core NEMOs Pre-Coupling Module to the PMB.	-
Nominated Electricity Market Operator	Entity providing an electronic platform for order submission by the Balance Responsible Parties that have a concluded a contract with the exchange. The Market Operator determines the market energy price for the Market Balance Area after applying technical constraints from the System Operator.	NEMO
Nomination	Confirmation of the trades (Hub, Cross-border, Generation) by the Market Participants (or CCPs) towards the TSO.	-
Nomination deadline	Latest moment in time when it is possible to submit the daily nominations. The deadline could be different per Hub and per type of nomination (Hub, Cross-border, generation, load or injection).	-
Nomination process	Process during which the nominations are sent to the TSOs.	-
Normal procedure	Procedure that describes the normal processes and the normal timeline of the daily Market Coupling Session.	NOR
Operation Committee	Committee in charge of the change requests and of the daily operations at the Core level.	OPSCOM

Term	Definition	Abbreviation
Operational NEMO	means a NEMO, party to All NEMO Day Ahead Operational Agreement, that following its operational date is entitled to participate – directly or via its servicing NEMO – in the SDAC matching its Bids via the DA MCO Function System on a daily basis;	
Operator	It refers either to the TSO Common System Operator (CSO) or to the Core Market Operator (Core MO)	-
Order	Intention to purchase or sell electricity, expressed by a Market Participant through a market platform subject to a certain number of execution conditions, as determined by the rules governing that market platform. An Order may refer to several Market Time Periods but refers to a single Bidding Zone.	-
Other procedures	Procedures that deal mostly with organization and communication aspects.	OTH
Partial Decoupling	Situation where it is not possible, for a specific day, to allocate the CZCs via the implicit allocation for one or several areas and / or interconnectors before the relevant Partial Decoupling Deadline In the PCR procedures, this term is equivalent to Partial Decoupling.	PC
Partial Decoupling Case 1	Partial Decoupling for CZC-related reasons (Case PC1) -> 11:30 deadline. In the PCR procedures, this term is equivalent to Partial Decoupling Case 1 (PD1).	PC1
Partial Decoupling Case 2	Partial Decoupling for reasons not related to the CZCs (Case PC2) -> 12:45 deadline. In the PCR procedures, this term is equivalent to Partial Decoupling Case 2 (PD2).	PC2
Partial Decoupling Case 3	Partial Decoupling Known in Advance (Case PC3) -> 10:30 deadline. In the PCR procedures, this term is equivalent to Partial Decoupling Case 3 (PD3).	PC3
Partial Decoupling Deadline	Latest moment in time when a Partial Decoupling can be declared by the Incident Committee.	-

Term	Definition	Abbreviation
PCR Coordinator	PCR NEMO responsible for calculating the Market Coupling Results, organizing Incident Committees,sending internal and/or external communications to other MC parties as well as declaring partial or full decoupling. PCR NEMOs take the Coordinator role on a predefined rotating basis.	PCR-C
PCR Matcher and Broker	Software facilitating data exchanges between NEMOs, embedding the PCR algorithm, used to operate the Price Coupling of Regions (MRC). The PCR Matcher and Broker service enables the NEMOs to exchange anonymised orders and transmission capacity with each other in order to calculate the market results (which include the prices and the volumes for each Bidding Zone and the scheduled exchanges).	PMB
PMB Cloud	Group of individual NEMO PMB System that are securely connected together to provide the Market Coupling Operator (MCO) functionality. The cloud ensures that a message sent by each individual NEMO PMB system is received by all other NEMO PMB system connected within the cloud. At any point in time, one of the NEMO PMB system will be technically designated as the PMB Coordinator.	-
PMB	DA MCO Function Asset formed by PCR Matcher and PCR Broker.	
Post-Coupling	Processes that follow after the calculation and validation of the Market Coupling Results, mainly related to the Scheduled Exchanges and the Congestion Income.	-
Pre-Coupling	Processes prior to the calculation of the Market Coupling Results, related to the CZCs	-
Preliminary Results	Market Coupling Results that are confirmed only by the NEMOs (the first round of validations) and that can be published towards TSOs and MPs	-
Price Coupled Area	All Areas coupled by a Price Coupling mechanism.	-
Price Coupling of Regions	Price Coupling of Regions is a solution which consists of a coordinated matching function commonly agreed between European NEMOs and based on a decentralized coordinated calculation	PCR

Term	Definition	Abbreviation
	with a common matching algorithmic software taking into account in particular the Cross Zonal Capacities and Allocation Constraints.	
Price Coupling Results	The Net Positions, the Scheduled Exchanges and the price of each NEMO Hub calculated by the PCR.	-
Project Place	Storage website where information about the MC are stored.	PP
Publication time / Regular Publication Time	Time included in the Global Final Confirmation file and representing the earliest time when the Preliminary Market Coupling Results can be published. In normal situations, the Regular Publication Time is 12:42.	-
Ramping Constraints	Term used for the maximum change of the power flow on an Interconnector between two consecutive hours.	-
Request for Change	Form included in the Change Control Procedure Core_OTH_05.	RFC
Rights Document	Document containing the Scheduled Exchanges, supplemented with contract agreement identification and EIC code of the Shipping Agent.	-
Rollback (procedures)	Operational circumstance in which it is necessary to the revert to the systems and operational processes as described in the procedure Core_ROB_01	ROB
Rules of Internal Order	Guidelines that govern the meetings and the way of working of the related committee, recommended procedures to ensure that the decision makings are run in an orderly manner.	RIO
Scheduled Exchange	Quantity or energy transferred between two bidding zones or two scheduling areas, or two NEMO hubs (cross bidding zones, cross scheduling areas or intra scheduling areas) , for each Market Time Period and for a given direction.	SEC
Scheduled Exchange Nomination	A message to be sent from the CCP Systems to the TSO Back-End Systems to notify the TSOs that the Scheduled Exchanges have been processed.	-

Term	Definition	Abbreviation
Second Auction	Reopening of the NEMO order books triggered when the results of the first calculation include prices that are above or below the predefined Thresholds for one or several hours. During the reopening, Market Participants are allowed to modify their orders.	-
Shadow Auction	System that enables to organize explicit auctions for the Day Ahead Capacity Allocation after Full / Partial Decoupling pursuant to the Fallback procedures in accordance with Article 44 CACM.	SA
Shipping Agent or Shipper	Entity performing the function of transferring the Net Position(s) between different Central Counter Parties.	-
South Western Europe	Geographical region containing France, Spain and Portugal.	SWE
Special procedure	Procedure dealing with specific processes that occur only in exceptional situations.	SPE
Target Time	Latest point in time when a Backup procedure should be triggered	-
Thresholds	Predefined price limits where a Second Auction is triggered.	-
Trade confirmation	Trade confirmation refers to the local and cross-border trades generated based on the Market Coupling results	
Transmission obligation transaction	It is a compulsory cross-border nomination which is based on the cross-border transaction. Such a nomination leads to a booking of cross-border capacity and finally in an energy flow at the border.	
Transmission System Operator	Entity performing a function referring to various tasks and operational responsibilities, including the physical delivery of energy resulting from the Day Ahead Market transactions and from all Interconnectors which have an impact on the Cross Zonal trading of electricity. In these procedures, TSOs or party entitled by TSOs are always referred to as the TSOs.	TSO
TSO Back-End Systems	Part of the IT systems of the TSOs dedicated to producing the data for capacity calculation.	-

Term	Definition	Abbreviation
TSO Common System	System to be made available jointly by TSOs consisting in: • Pre-Coupling Function: calculating the Available Interconnection Capacity on the basis of grid forecasts delivered by each TSO; • Post-Coupling Functions: - Net position validation: verifying, on the one hand, that the NEMO Net Positions calculated by the PMB are compatible with CZCs as determined by the Pre-Coupling Function; and - Bilateral exchange calculation: calculating, on the other hand, cross border data flows resulting from the previously determined net positions. • Communication Layer: the software and protocols allowing the TSO Common System to interact with other systems (ECP - Energy Communication Platform), with its different functions (EPP - Energy Process Platform) and with the operator (EPPOC - Energy Process Platform Operator Console).	TSO CS
TSO CS Post-Coupling Operator	Technical manager of the Core TSO Common system Post coupling activitiesIn Core this role is takenby JAO.	PCO-
TSO CS Pre-Coupling Operator	Technical manager of the Core TSO Common system. In Core this is done commonly by Coreso and TSCNET.	CSO-
TSOs Post-Coupling Module	Part of the IT systems of the TSOs dedicated to the Scheduled Exchanged calculation and distribution.	PCM-
TSOs Joint Capacity Calculation Module	Part of the IT systems of the TSOs dedicated to the calculation of the Cross Zonal Capacities under a common grid model and a coordinated capacity calculation methodology.	JoCCM-
TSOs Verification Module	Part of the IT system of the TSO Common System, dedicated to the validation of the following: - the Market Coupling Results and Net Positions for all the Bidding Zones concerned by the Core procedures;	JVM

Term	Definition	Abbreviation
	- the Scheduled Exchanges for the CS interconnectors other than the Core Internal Borders (when required by the relevant TSOs). This module also calculates the Core internal borders Net Positions (derived from the Core Internal Borders Net Positions and the Scheduled Exchanges for the CS Interconnectors other than the Core Internal Borders).	
Urgent Market Message	Urgent Market Messages (UMMs) show official communication important for the market or Core NEMOs, Core Shipping Agents/CCPs, Core TSOs during some particular market situations or technical incidents.	UMM
Virtual Broker	A Virtual Broker is defined as Broker functionality serving one decoupling group. A NEMO can have one or more Virtual Brokers: according to the number of decoupling groups it defined. One physical Broker can support one or more Virtual Brokers. Each Virtual Broker sends its data set in one file for the network data and one file for the order data. If one NEMO has more than one Virtual Broker, this means that it will send more than one file per data type_ Partial decoupling means decoupling of a Virtual Broker. For a NEMO that has only one Virtual Broker_ This is equal to decoupling the NEMO. For a NEMO that supports more than one Virtual Broker, this means that the NEMO stays coupled, but only with the other Virtual Broker(s). Virtual Broker concept was replaced by NEMO systems. The decoupling groups are now represented by NEMO systems. One Virtual Broker is represented by one NEMO system in actual model. NEMO system is an interface between PCR application and NEMO IT System and NEMO Trading System (NEMO system). PCR. application communicates with NEMO systems one by one. The application can stop sending messages to a specific PX system in case that it has been decoupled.	VB