

Second Amendment to the Intraday Operations Agreement (IDOA) – Annex 1:
Adapted Exhibit 1 (Definition List)
Confidential

**Annex 1 to the Second Amendment to the Intraday Operations
Agreement (IDOA):
Adapted Exhibit 1 to the IDOA - Definition List**

Exhibit 1 to the IDOA - Definition List

1. Definitions

Capitalised Term	Definition
Accession Form	means the form in Exhibit 11 (Accession Form);
Accession Stream	means the group of NEMOs and TSOs that were not a party to the XBID Market APCA and that are listed in the accession stream terms of reference ;
Accession Parties	means the Parties to the Agreement that were part of the Accession Stream;
ACER	means the Agency for the Cooperation of Energy Regulators established as per European Regulation 713/2009 of 13 July 2009;
ACER Opinion	shall have the meaning set forth in <u>Article 25.6</u> ;
<div style="background-color: black; width: 200px; height: 15px; margin-bottom: 5px;"></div> <div style="background-color: black; width: 50px; height: 15px;"></div>	<div style="background-color: black; width: 500px; height: 15px;"></div>
Affected PX	means a NEMO that recovered its costs via TSO(s) under the XBID Market APCA;
Agreement	means the Intraday Operations Agreement, including all the Exhibits thereto;
ANIDOA	means the All NEMOs Intraday Operational Agreement between the NEMOs, setting forth the terms of their cooperation for the MCO Function for the Single Intraday Coupling;
Annex	means any document attached as an annex to any Exhibit;

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Capitalised Term	Definition
Article	means an article of the main body of the Agreement, unless specifically mentioned otherwise;
Best Efforts	means the obligation for a Party, in the performance of its commitments under the Agreement, to take all reasonable actions and measures and more generally doing everything that can reasonably be expected from a normal, diligent and reasonable professional placed in the same circumstances;
Bidding Zone	shall mean the largest geographical area within which market participants are able to exchange energy without capacity allocation, as defined in article 2, (3) of Commission Regulation (EU) No 543/2013 of 14 June 2013 on submission and publication of data in electricity markets and amending Annex I to Regulation (EC) No 714/2009 of the European Parliament and of the Council;
BM WG	means for the purpose of the Exhibit 12 (Cost sharing, monitoring and settlement) the working group assigned by the ID SC with the budget management and budget monitoring;
BRP	means a Balance Responsible Party;
BRP Contract	means a contract between a BRP and a TSO or another designated Party;
CACM	means the Commission Regulation (EU) 2015/1222 of 24 July 2015 establishing a guideline on capacity allocation and congestion management, as amended from time to time;

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Capitalised Term	Definition
Calendar Quarter	means one of the four quarters of a calendar year, i.e. from January to March, April to June, July to September and October to December;
CCP	means the central counter party, as defined in article 2, 42° CACM;
Central Administration Services	means the performance of a set of configuration and administrative tasks assigned to a Party in relation to a functionality of the XBID System, such as the shared order book, the CMM or the SM;
Change Control Procedure	means the procedure set forth in Exhibit 3 (Change Control Procedure);
Claiming Party(ies)	has the meaning set forth in Section 1.1.7, 2, c) of Exhibit 12 (Cost sharing, monitoring and settlement);
CMM	means the capacity management module of the XBID System;
Common Costs	shall have the meaning set forth in Exhibit 12 (Cost sharing, monitoring and settlement);
Common Decisions	means the decisions as described in <u>Article 12.4</u> ;
Concerned TSOs	shall mean the TSO(s) who has/have authorized Explicit Participant(s);
Confidential Information	has the meaning set forth in <u>Article 18.1</u> ;
Control	means, for the purpose of the definition of "Internal Representatives", the situation where a company: <ul style="list-style-type: none"> - directly or indirectly owns a fraction of the capital in another company that gives

Capitalised Term	Definition
	<p>a majority of the voting rights at such company's general meetings;</p> <ul style="list-style-type: none"> - holds alone a majority of the voting rights in a company by virtue of an agreement entered into with other partners or shareholders and this is not contrary to such company's interests; - effectively determines the decisions taken at a company's general meetings through the voting rights it holds; - has the power to appoint or dismiss the majority of the members of company's administrative, management or supervisory structures; or - directly or indirectly holds a fraction of the voting rights above 40% of a company and no other partner or shareholder directly or indirectly holds a fraction larger than this participation. <p>Two or more undertakings acting jointly are deemed to jointly control a company when they effectively determine the decisions taken at its general meetings.</p> <p>In any case, an undertaking is presumed to control a company when it exerts a decisive influence over it. The decisive influence is defined according to the organizational, economic and legal links between both undertakings;</p>
Cooperation	shall have the meaning set forth in <u>recital H</u>);

Capitalised Term	Definition
Cross-Zonal Capacities or “CZC”	shall have the meaning ascribed to it in Commission Regulation 543/2013 of 14 June 2013, <i>i.e.</i> the capability of the interconnected system to accommodate energy transfer between Bidding Zones;
Defaulting Party	has the meaning set forth in <u>Article 22.1.1</u> ;
Delivery Area	means the geographical area where the delivery or take-off of electricity, resulting from the transactions, takes place;
Deposit Material	means the material deposited in escrow in accordance with the XBID-MSA;
Disclosing Party(ies)	means the Party(ies) disclosing the Confidential Information, or all the Parties in the event it is not possible to determine which specific Party(ies) has (have) disclosed the concerned Confidential Information;
Dispute	has the meaning set forth in <u>Article 25.1</u> ;
Disputing Parties	has the meaning set forth in <u>Article 25.2</u> ;
Due Date	has the meaning set forth in Section 2.1, 2 of Exhibit 12 (Cost sharing, monitoring and settlement);
ECP	means the energy communication platform used by certain TSOs;
ECP Services	means the services to be provided by the Service Provider under the XBID-DSA ECP Services to the benefit of the TSOs;

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Capitalised Term	Definition
ECP Software	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>
EEA	means the European Economic Area;
ENTSO-E	means the European Network of Transmission System Operators for Electricity;
Exhibit	means any document attached as an exhibit to the Agreement;
Exit	has the meaning set forth in <u>Article 20.1</u> ;
Exit Date	means the date the Exit becomes effective;
Exit Plan	has the meaning set forth in <u>Article 20.5.2</u> ;
Exiting Party	has the meaning set forth in <u>Article 20.2.1</u> ;
Explicit Participant	<p>means a market participant that is authorized by the Concerned TSO(s) to request explicitly capacity through the XBID Solution on at least one interconnection to the exclusion of a NEMO offering a market place for implicit intraday trading or a person acting on behalf of a NEMO offering a market place for implicit intraday trading. At the time of entry into force of the Agreement, and without prejudice to potential future addition of other borders pursuant to NRAs decision and process set forth in CACM, only the France-Germany border is concerned by the access of Explicit Participants;</p>

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Capitalised Term	Definition
External Representatives	means the subcontractors, agents, lawyers, professional advisors, external consultants, insurers, financiers or any other entity designated by a Party in relation to the Single Intraday Coupling;
First IDOA Amendment	means the agreement between the NEMOs and the TSOs whereby a first set of amendments has been added to the Agreement, becoming effective on 1 March 2019;
Force Majeure	<p>means any event or situation i) not reasonably foreseeable, ii) beyond the reasonable control of the Parties, iii) not due to a default of the affected Party, iv) which cannot be reasonably avoided or overcome, and v) which makes it impossible for such Party to fulfil temporarily or permanently, its obligations hereunder in accordance with the terms of the Agreement. Force Majeure shall include (but shall not be limited to) the following events, except if these events could have reasonably been overcome:</p> <ul style="list-style-type: none"> i) An enemy act or an act of terrorism, declared or undeclared war, threat of war, blockade, revolution, riot, insurrection, civil commotion, demonstration or public disorder; ii) Sabotage or act of vandalism; iii) Natural disaster or phenomenon; iv) Fire, explosions, radioactive, chemical or other hazardous contamination; v) A general or industry-wide strike; or

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Capitalised Term	Definition
High Level Meeting or “HLM”	has the meaning set forth in <u>Article 12.1</u> ;
Historical Data	means data of NEMOs that are deemed historical once two (2) weeks have passed after the trading date;
HLM Failure Notice	has the meaning set forth in <u>Article 25.6</u> ;
IC SPOC	means the person performing the tasks described in <u>Article 2.3</u> of the Incident Management Procedure;
ICC	means the International Chamber of Commerce;
ID SC Secretary	has the meaning set forth in <u>Article II.1.3</u> of the Exhibit 10 (Rules of Internal Order);
Incident Committee or “IC”	means the committee, as referred to under <u>Article 12.2</u> ;
Incident Management Procedure	means the document titled “XBID_Joint_Fal_01: Incident Management” setting for the operational procedure to follow in case of an incident, as included in Exhibit 6 (Joint XBID Procedures);
Individual NEMO Costs	means the individual costs of a NEMO that have been pre-financed by NWE+ TSOs under the XBID-Market APCA and which are resettled in accordance with Section 4 of Exhibit 12 (Cost sharing, monitoring and settlement);
Initial Go-Live	means the first Go-Live by the Parties mentioned in Exhibit 8 (List of the Parties participating in the Initial Go-Live);

Capitalised Term	Definition
Intellectual Property Right or “IPR”	means any intellectual property right or other (property) right throughout the world, in all media, now existing or created in the future, for all versions and elements, in all languages, and for the entire duration of such rights, arising under applicable law, contract, or otherwise, and whether or not registered, registrable or perfected, including (a) rights in all inventions, discoveries, utility models, patents, reissues of and re-examined patents, or patent applications (wherever filed and wherever issued, including continuations, continuations-in-part, substitutes, and divisions of such applications and all priority rights resulting from such applications) now existing or hereafter filed, issued or acquired; (b) rights associated with works of authorship, including database rights, copyrights, moral rights, copyright applications, copyright registrations, synchronization rights, mask work rights, applications and registrations; (c) rights in computer software and programs, source codes, or business methods; (d) rights in materials; (e) rights associated with trade marks, service marks, trade names, internet domain names, business names, logos, trade dress and the applications for registration and the registrations thereof; (f) rights relating to the protection of trade secrets, know-how and/or other Confidential Information; (g) design rights, whether registered or unregistered; and (h) rights analogous to those in this definition and any and all other proprietary rights relating to intangible property;

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Capitalised Term	Definition
Internal Representatives	means the directors, members of management, officers, legal representatives and employees of a Party, including of the companies under the Party’s Control or of the company(ies) which Control (solely or jointly) such Party;
Intraday Steering Committee or “ID SC”	means the steering committee as referred to in <u>Article 12</u> ;
Joint XBID Procedures	means the procedures provided by Exhibit 6 (Joint XBID Procedures);
Legal Provision	means any applicable mandatory (including public policy) legislation or regulation or any mandatory decision of a competent authority, including the terms, conditions and methodologies as required under such legislation or regulation;
LIP(s)	means local implementation project;
LIP(s) Go-Live	means the Go-Live of LIP(s) after the Initial Go-Live;
Local Arrangement	means: <ul style="list-style-type: none"> (a) any agreement and/or consensus of opinion, whether in writing or orally; or (b) any Legal Provision or decision, which applies to a subset of the Parties (as well as third parties as the case may be). For the sake of clarity the TCID, the XBID MSA and the PCA or ANIDOA are not a Local Arrangement;

Capitalised Term	Definition
Local Trading Solution or “LTS”	means the complementary solution to the XBID Solution, used by the NEMOs to support the NEMOs’ market activities;
Market Area	shall mean a representation of a price area in the delivery grid of commodity. Market Areas can contain one or more Delivery Areas and are defined with the functional assumption that transport capacity of a commodity between Market Areas is subject to congestion;
MCO	means the market coupling operator;
MCO Function	means the functions described in article 7.2 CACM;
MCO Plan	means the plan that sets out how NEMOs will jointly set up and perform the MCO Function pursuant to article 7,(2) CACM;
Monthly Report	means the report which details a Party’s monthly costs which is submitted to the ID SC for approval;
MPLS	means multiprotocol label switching, namely a mechanism in high-performance telecommunications networks that directs data from one network node to the next based on short path labels rather than long network addresses, avoiding complex lookups in a routing table;
NEMO	means the nominated electricity market operator, as defined in article 2, 23° of CACM, having signed or acceded to the Agreement, as identified on the identification pages (in the Exhibits also referred to as PX);

Capitalised Term	Definition
[REDACTED]	[REDACTED]
NEMOs Only Agreements	means an agreement entered into by NEMOs that are Party to the Agreement, and possibly certain PXs, in the context of the Single Intraday Coupling;
Net Position	shall have the meaning as defined in article 2, 5° of CACM;
Non-Operational Parties	means a Party for which Go-Live has not yet taken place;
Non-Performance	has the meaning set forth in <u>Article 22.1.1</u> ;
NRA Opinion	has the meaning set forth in <u>Article 25.6, i)</u> ;
NRAs	means the respective national regulatory authorities designated at national level on the basis of article 35 of Directive 2009/72/EC of the European Parliament and the Council of 13 July 2009 concerning common rules for the internal market in electricity and repealing Directive 2003/54/EC or, in case of a country for which this directive does not apply, the national regulatory authorities designated at national level by similar Legal Provisions;
NWE+ TSOs	means 50Hertz, AMPRION, APG, ELIA, ENERGINET, FINGRID, NGRID Int. (IFA), BritNed, RTE, STATNETT, SVENSKA KRAFTNÄT, TenneT, TTG and Transnet BW;
Observer	means a power exchange, NEMO or TSO that is not a Party to the Agreement and may be granted certain rights as mentioned in <u>Article 14</u> ;

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Capitalised Term	Definition
Operational Decisions	means decisions or actions taken as described in <u>Article 12.4</u> ;
Operational NEMOs	means the NEMOs for which Go-Live has taken place;
Operational Parties	means the Parties for which Go-Live has taken place;
Operational TSOs	means the TSOs for which Go-Live has taken place;
OPSCOM	means the Operations Committee, as referred to under <u>Article 12.2</u> ;
OPSCOM Secretary	has the meaning set forth in <u>Article III</u> of the Exhibit 10 (Rules of Internal Order);
Party	means any entity having signed or acceded to the Agreement, as identified on the identification pages or in an adherence agreement;
Paying Party(ies)	has the meaning set forth in Section 1.1.7, 2, c) of Exhibit 12 (Cost sharing, monitoring and settlement);
[REDACTED]	[REDACTED]
PMI Control	means the services in respect of the public message interface control as agreed between the NEMOs and the Service Provider in the XBID-MSA [REDACTED] [REDACTED]

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Capitalised Term	Definition
PMO	means project management office;
Prime Time	means the hours between 9:00h and 17:00h on business days applicable to the Service Provider;
Quarterly Account	has the meaning set forth in Section 1.1.7, 2, b) of Exhibit 12 (Cost sharing, monitoring and settlement);
Quarterly Report	has the meaning set forth in Section 1.1.7, 2, a) of Exhibit 12 (Cost sharing, monitoring and settlement);
Receiving Party(ies)	means the Party(ies) receiving or having (had) access to the disclosed Confidential Information;
Referral	has the meaning set forth in <u>Article 25.3</u> ;
Relevant Parties	has the meaning set forth in <u>Article 22.2.2</u> ;
RIO	means Rules of Internal Order attached as Exhibit 10;
Rollback	has the meaning set forth in Exhibit 16 (Rollback Procedure);
Section	means a section of Exhibit 12 (Cost sharing, monitoring and settlement);
[REDACTED]	[REDACTED]
Service Provider	means the service provider that has supplied the XBID System and provides maintenance and hosting services for it, at the date of signature of the [REDACTED] [REDACTED] [REDACTED]

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Capitalised Term	Definition
	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>
Shipping Agent	shall have the meaning set forth in article 2, 43° of CACM (also referred to as shipper);
Shipping Module or "SM"	shall mean the module of the XBID Solution providing information from trades concluded within XBID. The Shipping Module receives and processes data from the shared order books and the capacity management modules, enriches and filters the data and makes it available to the defined recipients;
SIDC Joint NEMOs and TSOs Common Costs	means the costs resulting from activities made to the benefit of all NEMOs and all TSOs, listed in Section 1.1.2. of Exhibit 12 (Cost sharing, monitoring and settlement) that have been approved by the ID SC;
SIDC NEMOs-Only Common Costs	means the costs resulting from activities made to the benefit of all NEMOs only;
SIDC TSOs-Only Common Costs	means the costs resulting from activities made to the benefit of all TSOs only;
Single Intraday Coupling or "SIDC"	shall have the meaning set forth in article 2, 27° of CACM;
SLA	means service level agreement;
Socialising Parties	has the meaning set forth in Exhibit 12 (Cost sharing, monitoring and settlement), Section 2.1, 4);
Target Model	has the meaning as set forth in <u>recital A</u>);

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Capitalised Term	Definition
TSO	means a transmission system operator having signed or adhered to the Agreement, as identified on the identification pages;
TSO Cooperation Agreement For Single Intraday Coupling (TCID)	means an agreement entered into by the TSOs in order to set forth the terms of their cooperation in the context of the Single Intraday Coupling;
Voting Member	means the Party that in accordance <u>Article 12.4</u> is entitled to vote on the concerned decision;
Working Day	means any day other than a Saturday and a Sunday in which banks are open to the public for general business in the country or city of the Party that needs to perform the obligation, except if provided otherwise;
XBID	means cross border intraday;
XBID B2B Agreement	means the XBID TSOs & PXs Back to Back Agreement, entered into by the Parties on March 1 st 2015 and amended with effective date July 1 st 2016;
XBID Market APCA	means the XBID Market All Party Cooperation Agreement, entered into by certain Parties on July 15 th 2014, as amended by the first amendment to the XBID Market APCA on July 1 st 2015 and by the adherence and second amendment to the XBID Market APCA on December 1 st 2015;
XBID Market APCA ID SC	means the intraday steering committee under the XBID Market APCA;

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Capitalised Term	Definition
XBID Solution	means the overall solution, including amongst others the high level architecture and system set-up, general specifications, systems (hardware and software) and algorithms, terms and procedures, required for the Cooperation as described in Exhibit 4 (High Level Architecture (including High Level Business Processes));
XBID System	means the software and ICT applications (incl. hardware if any), as well as all relevant documentation pertaining thereto, developed by the Service Provider based on the requirements provided by certain NEMOs and TSOs, which is to be used for the performance of the Single Intraday Coupling to interact with amongst others the Local Trading Systems and TSOs' Systems;
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

Capitalised Term	Definition
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

2. Technical glossary:

Capitalised Term	Definition
Affected Party/Parties	NEMO(s) and/or TSO(s) which is/are affected by the reported issue(s);
Allocation	Attribution of the Cross Zonal Capacity;
Allocation Constraints	The constraints to be respected during capacity allocation to maintain the transmission system within operational security limits and have not been translated into Cross-Zonal Capacity or that are

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Capitalised Term	Definition
	needed to increase the efficiency of capacity allocation;
Allocation Information	Data exchanged as part of the Allocation process;
Backup (BUP) procedure	Procedure that describes the backup actions and workarounds that are available in order to overcome any issue without (significant) risk for breaching the applicable deadline;
Balance Responsible Party	The role that is responsible that the supply of energy corresponds to the anticipated consumption of energy in its balance area during a given time period and financially regulates for any imbalance that arises;
Bug fix	A solution for an issue where maintenance is needed;
Business Day	A measurement of time that refers to any day in which normal business is conducted. This is generally considered to be Monday through Friday and excludes weekends;
Capacity Calculation Calculator	The entity with the task of calculating Cross-Zonal Capacity, at regional level or above and of managing the validation process of the capacity calculation;
Capacity Calculation Region	The geographic area in which coordinated capacity calculation is applied;

Capitalised Term	Definition
Capacity Management Module (CMM)	A system containing up-to-date information on available Cross-Zonal Capacity for the purpose of allocating intra-day Cross-Zonal Capacity;
Central Change Administrator (CCA)	<p>The role in charge to coordinate the Change Control Procedure.</p> <p>The detailed description of the role is provided in section 1.3.2 of the Exhibit 3 to the IDOA: Change Control Procedure;</p>
Central European Time (CET)	<p>Standard time which is 1 hour ahead of the Coordinated Universal Time (UTC+01:00).</p> <p>All countries in the CET time zone observe DST (UTC+2) from 02:00 am on the last Sunday of March until 03:00 am on the last Sunday of October;</p>
Change	An alteration, small or large, through which a Component becomes different;
Clearing Price	The price determined by matching the highest accepted selling order and the lowest accepted buying order in the electricity market;
Clearing System	the CCP's IT system used to perform the task of clearing and settlement of all matched orders where the CCP acts as counter party to market participants;
[REDACTED]	[REDACTED]

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Capitalised Term	Definition
Common Grid Model	A Union-wide data set agreed between various TSOs describing the main characteristic of the power system (generation, loads and grid topology) and rules for changing these characteristics during the capacity calculation process;
Component	A piece of software, hardware, reference data, the SIDC Algorithm, Procedures or document (e.g. functional documentation) as listed in Annex 1 of the Exhibit 3 to the IDOA: Change Control Procedure.;
Contingency	The identified and possible or already occurred fault of an element, including not only the transmission system elements, but also significant grid users and distribution network elements if relevant for the transmission system operational security;
Continuous Trading Matching Algorithm	The algorithm used in Single Intraday Coupling for matching orders and allocating Cross-Zonal Capacities continuously;
Contract Halt/Allocation	[REDACTED]
Contract Modification	[REDACTED]
Coordinated Capacity Calculator	The entity or entities with the task of calculating transmission capacity, at regional level or above;

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Capitalised Term	Definition
Coordinated Net Transmission Capacity Approach	The capacity calculation method based on the principle of assessing and defining ex ante a maximum energy exchange between adjacent Bidding Zones;
Cross-border and XB Nomination	A schedule representing the commercial exchange of electricity between market participants in different scheduling areas;
Cross Border Trading service halt	[REDACTED]
Day-Ahead Firmness Deadline	The point in time after which Cross-Zonal Capacity becomes firm;
Day-Ahead Market Gate Closure Time	The point in time until which orders are accepted in the day-ahead market;
Day-Ahead Market Timeframe	The timeframe of the electricity market until the day-ahead market gate closure time, where, for each market time unit, products are traded the day prior to delivery;
Directional Halt/Allocation	[REDACTED]
Explicit Allocation	The allocation of cross zonal capacity only, without the energy transfer;
Explicit Market Participant	The entity or entities making use of the mechanism to allocate capacity through Explicit Allocation;

Capitalised Term	Definition
External commercial trade schedule	A schedule representing the commercial exchange of electricity between market participants in different scheduling areas;
External Communication	Email communication flow from the NEMOs and/or TSOs to Market Participants;
Fallback procedure	<p>Procedure that is triggered when a deadline:</p> <ul style="list-style-type: none"> - CZC and allocation constraints submission deadline - Allocation deadline - XB nomination deadline - Publication of results <p>is (very likely to be) breached;</p>
Firmness	A guarantee that Cross-Zonal Capacity rights will remain unchanged and that a compensation is paid if they are nevertheless changed;
Flow	The allocated capacity per direction and per Scheduling Area Border to each ID trade and import/export shipper pair according to local shipping business rules;
Flow-Based Approach	A capacity calculation method in which energy exchanges between Bidding Zones are limited with power transfer distribution factors and available margins on critical network elements;
High-Level (Functional) Architecture	Description of the system landscape, including the interfaces and data flows related to the Single Intraday Coupling and the associated processes;

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Capitalised Term	Definition
Hot Fix	A solution for an issue where no maintenance window is needed;
Hourly Order	A product for continuous intraday coupling for constant energy delivery and for a period not exceeding one hour;
Hub Nomination	A schedule representing the commercial exchange of electricity within a scheduling area (=Delivery Area) between different market participants;
Implementation Manager	The person identified in the Implementation Plan as responsible for the implementation of the Change. The detailed description of the role is provided in section 2.4 of the Exhibit 3 to the IDOA: Change Control Procedure;
Implementation Plan	The form to be filled in that describes how the change will be tested, deployed, installed and transitioned into an operational system. The Implementation Plan might be an integral part of the Request for Change;
Import Shipper, Export Shipper	The entity or entities with the task of transferring Net Positions between different CCPs;
Incident	An unwanted event [REDACTED] [REDACTED] [REDACTED]
Incident Management Tool	[REDACTED] [REDACTED] [REDACTED] [REDACTED]

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Incident Reporter	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>
Individual Grid Model	<p>A data set describing power system characteristics (generation, load and grid topology) and related rules to change these characteristics during capacity calculation, prepared by the responsible TSOs, to be merged with other individual grid model components in order to create the common grid model;</p>
Interconnector	<p>Transmission line which crosses or spans a border between countries and which connects the national transmission systems of the countries;</p>
Internal commercial trade schedule	<p>A schedule representing the commercial exchange of electricity within a scheduling area between different market participants;</p>
Internal Communication	<p>Email communication flow between the NEMOs and TSOs;</p>
Intraday Cross-Zonal Gate Closure Time	<p>The point in time where Cross-Zonal Capacity allocation is no longer permitted for a given market time unit, as defined in article 2, 39° CACM;</p>
Intraday Cross-Zonal Gate Opening Time	<p>The point in time when Cross-Zonal Capacity between Bidding Zones is released for a given market time unit and a given Bidding Zone border, as defined in article 2, 38° CACM;</p>

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Capitalised Term	Definition
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;
Intraday Market Timeframe	The timeframe of the electricity market after intraday cross-zonal gate opening time and before intraday cross-zonal gate closure time, where for each market time unit, products are traded prior to the delivery of the traded products, as defined in article 2, 37 ^o CACM;
Issue	The cause, or assumed cause, of an Incident;
Last Hour Flow (LHF)	Traded capacity of the Last Hour of the previous day, necessary due to any ramping restrictions and optimizing volume coupling calculation;
[REDACTED]	[REDACTED]
Local	A level that is not common to all Parties of the Single Intraday Coupling;
Local Change Administrator (LCA)	The person appointed by each Party as single point of contact for that Party, being involved for the purpose of the Change Control Procedure. The detailed description of the role is provided in section 2.3 of the Exhibit 3 to the IDOA: Change Control Procedure;
Local Tools	The IT Systems of individual Parties;
LTP/hub	This is the functional entity of a PX operating in a specific scheduling area;

Capitalised Term	Definition
Maintenance Window	A period of time designated in advance, during which preventive maintenance that could cause disruption of service may be performed;
Market Congestion	A situation in which the economic surplus for single day-ahead or intraday coupling has been limited by Cross-Zonal Capacity or allocation constraints;
Market Coupling Operator (MCO) Function	The task of matching orders from the day-ahead and intraday markets for different Bidding Zones and simultaneously allocating Cross-Zonal Capacities, as defined in article 2, 30 ^o CACM;
Market Coupling (MC)	Implicit auction process to allocate the transmission capacities in a defined region;
Market Participant (MP)	Entity authorized by a NEMO to submit Orders.
Market Time	Central European summer time or central European time, whichever is in effect;
Matched Orders	All matched, buy and sell, orders by the price coupling algorithm or the continuous trade matching algorithm;
Matching	The trading mode through which sell orders are assigned to appropriate buy orders to ensure the maximisation of economic surplus for single day-ahead or intraday coupling;
Matching results	All matched, buy and sell, orders within a trade made by the price coupling algorithm or the continuous trade matching algorithm;
Micro releases	A new release of the software with multiple hotfixes that can be installed through a maintenance planned on short notice and with a reduced number of testing phases XXXXXXXXXX

Second Amendment to the Intraday Operations Agreement (IDOA) – Annex 1:
Adapted Exhibit 1 (Definition List)
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Capitalised Term	Definition
Necessary Party/Parties	Party/Parties whose presence and active cooperation is required during the IC in order to find the solution to the issue(s). This can be a NEMO or TSO or service provider;
NEMO Modification	A request for complex Changes (only affecting the SOB and the NEMOs), with a medium/high Risk category, affecting multiple NEMO Components, or Components which are under the responsibility of more than one NEMO but with no impact to the TSOs;
Net Position (NP)	The netted sum of electricity exports and imports for each market time unit for a Bidding Zone;
Nominated Electricity Market Operator (NEMO)	An entity designated by the competent authority to perform tasks, as defined in CACM, related to single day-ahead or Single Intraday Coupling;
Nomination	The notification of schedules to related TSOs;
Nominating Parties	The entities that perform the Nomination process;
Nomination On Behalf	Nomination on behalf means the creation of (parts of) a Schedule by a TSO or another entity, instead of a Nomination by the respective Scheduling Agent;
Non-Standard Intraday Product	A product for continuous intraday coupling not for constant energy delivery or for a period exceeding one market time unit with specific characteristics designed to reflect system operation practices or market needs, for example orders covering multiple market time units or products reflecting production unit startup costs;
Normal (NOR) procedure	Procedure that describes the normal processes and the normal timeline of the Single Intraday Coupling;

Capitalised Term	Definition
NTC Method	The capacity calculation method based on the principle of assessing and defining ex ante a maximum energy exchange between adjacent Bidding Zones;
Operational Security Limits	The acceptable operating boundaries for secure grid operation such as thermal limits, voltage limits, short-circuit current limits, frequency and dynamic stability limits;
[REDACTED]	[REDACTED] [REDACTED] [REDACTED]
Order	An intention to purchase or sell energy or capacity expressed by a market participant subject to specified execution conditions;
Originator	One or more NEMO(s) and/or TSO(s) submitting a Request for Change;
Other (OTH) procedure	Procedures that deal mostly with organization and communication aspects;
Physical Congestion	Any network situation where forecasted or realised power flows violate the thermal limits of the elements of the grid and voltage stability or the angle stability limits of the power system;
Post-Coupling Processes	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 and Allocation Constraints;

Capitalised Term	Definition
Price Clearing	The price determined by matching the highest accepted selling order and the lowest accepted buying order in the electricity market;
Ramping Constraints	Term used for the maximum change of the power flow on an Interconnector between two consecutive hours;
Reliability Margin	The reduction of Cross-Zonal Capacity to cover the uncertainties within capacity calculation;
Remedial Action	any measure applied by a TSO/NEMO and/or several TSOs/NEMOs, manually or automatically, in order to maintain operational security and/or the Single Intraday Coupling;
REMIT UMM	Urgent Market Messaging (UMM) that have been developed to comply with the Regulation on Wholesale Energy Market Integrity and Transparency (REMIT);
Request for Change (or RfC)	A formal request by an Originator for any modification to a Component or to its usage;
Risk	The potential that a Change will lead to a situation involving exposure to danger or to an undesirable outcome;
Risk Case	A specific deviation from the normal process, the handling of which is explicitly covered in the Normal and Backup procedures;
Scenario	The forecasted status of the power system for a given timeframe;
Schedule	A reference set of values representing the generation, consumption or exchange of electricity for a given time period;

Second Amendment to the Intraday Operations Agreement (IDOA) – Annex 1:
 Adapted Exhibit 1 (Definition List)
 Confidential

Capitalised Term	Definition
Scheduled Exchange	An electricity transfer scheduled between geographic areas, for each market time unit and for a given direction;
Scheduled Exchange Calculator	The entity or entities with the task of calculating scheduled exchanges;
Scheduled Exchange Verification	For a B2B physical clearing, Explicit and Implicit Allocation Results between the 2 involved Scheduling Areas have to be known by the TSO post-coupling systems. With this information TSOs check bilaterally information consistency between the allocated capacities on each side of the border;
Scheduling Agent	The entity or entities with the task of providing schedules from market participants to TSOs, or where applicable third parties;
Scheduling Area Border	A border between two scheduling areas having one or more Interconnector(s);
SIDC	Single Intraday Coupling, also referred to as XBID;
SIDC Algorithm	The algorithm, systems and procedures used in Single Intraday Coupling for matching Orders and allocating Cross-Zonal Capacities continuously, also referred to as the Continuous Intraday Matching Algorithm ;
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
SFTP	File Transfer Protocol using certain secure connection;
Shared Order Book	A module in the continuous intraday coupling system collecting all matchable orders from the NEMOs

Capitalised Term	Definition
	participating in Single Intraday Coupling and performing continuous matching of those orders;
Shipping Agent	Entity or entities performing the function of transferring the Net Position(s) between different CCPs;
Shipping System	Shipping Agent's IT system used to perform the task of transferring Net Positions between different CCPs;
Single Day-Ahead Coupling	The auctioning process where collected orders are matched and Cross-Zonal Capacity is allocated simultaneously for different Bidding Zones in the day-ahead market, as defined in article 2, 26 ^o CACM;
Single Intraday Coupling or SIDC	The continuous process where collected orders are matched and Cross-Zonal Capacity is allocated simultaneously for different Bidding Zones in the intraday market, as defined in article 2, 27 ^o CACM;
Structural Congestion	Congestion in the transmission system that can be unambiguously defined, is predictable, is geographically stable over time and is frequently reoccurring under normal power system conditions;
Ticket System	System for registering issues in the Single Intraday Coupling;
Trade	One or more matched orders, as defined in article 2, 25 ^o CACM;
TSOs Post-Coupling Module	The TSO's IT system used to perform the task of receiving schedules from Scheduling Agents, creating schedules on behalf of Scheduling Agents and verification of these schedules;

Capitalised Term	Definition
TSOs Pre-Coupling Systems	The TSO's IT system used to perform the task of sending cross zonal capacities and allocation constraints to the CMM;
XBID Incident Log	Depository in which incidents related to the Single Intraday Coupling are registered;
XBID Member	A TSO or NEMO connected to the XBID System;
XBID Procedures	The operational procedures that are executed as part of the Single Intraday Coupling;
XBID System	The central IT system with which the Single Intraday coupling is run.

The definition/meaning of other important technical terms can be found here:



- ENTSO-E glossary
<https://www.entsoe.eu/data/data-portal/glossary/Pages/home.aspx>