

CONFIDENTIAL DRAFT

Annex Ia

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Intraday cross-zonal gate opening and gate closure times in accordance with Article 59 of Commission Regulation (EU) 2015/1222 of 24 July 2015 establishing a guideline on capacity allocation and congestion management

XX April 2018



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All TSOs' proposal for intraday cross zonal gate opening and gate closure times in accordance with Article 59 of Commission Regulation (EU) 2015/1222 of 24 July 2015 establishing a guideline on capacity allocation and congestion management

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All TSOs, taking into account the following:

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Whereas

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- (1) These terms and conditions are based on a common proposal developed by all Transmission System Operators (hereafter referred to as "TSOs")('TSOs') regarding a proposal for the intraday cross-zonal gate opening time (hereafter referred to as "IDCZGOT") and a proposal for ('IDCZGOT') and the intraday cross-zonal gate closure time (hereafter referred to as "IDCZGCT"). ('IDCZGCT') for the single intraday coupling ('SIDC').
- (2) This proposal (hereafter referred to as the "IDCZGT Proposal") takes These terms and conditions for the intraday cross-zonal gate opening and closure times ('Terms and conditions for IDCZGTs') take into account the general principles and goals set in Commission Regulation (EU) 2015/1222 of 24 July 2015 establishing a guideline on capacity allocation and congestion management (hereafter referred to as the "('CACM Regulation")Regulation'), as well as Regulation (EC) No 714/2009 of the European Parliament and of the Council of 13 –July 2009 on conditions for access to the network for cross-border exchanges in electricity (hereafter referred to as "('Regulation (EC) No (EC) 714/2009")-2009').
- (3) The goal of the CACM Regulation is the coordination and harmonisation of capacity calculation and allocation in the day-ahead and intraday cross-border markets. To facilitate these aims, it is necessary to set-an intraday cross-zonal gate opening and gate closure timetimes.
- (4) Article 59 of the CACM Regulation constitutes the legal basis for this proposal setting the IDCZGOT and IDCZGCT and defines several specific requirements that the IDCZGT Proposal should take into account:
 - "1. By 16 months after the entry into force of this Regulation, all TSOs shall be responsible for proposing the intraday cross-zonal gate opening and intraday cross-zonal gate closure times. The proposal shall be subject to consultation in accordance with Article 12.
 - 2. The intraday cross-zonal gate closure time shall be set in such a way that it:
 - (a) maximises market participants' opportunities for adjusting their balances by trading in the intraday market time-frame as close as possible to real time; and
 - (b) provides TSOs and market participants with sufficient time for their scheduling and balancing processes in relation to network and operational security.
 - 3. One intraday cross-zonal gate closure time shall be established for each market time unit for a given bidding zone border. It shall be at most one hour before the start of the relevant market time unit and shall take into account the relevant balancing processes in relation to operational security.
 - 4. The intraday energy trading for a given market time unit for a bidding zone border shall start at the latest at the intraday cross-zonal gate opening time of the

relevant bidding zone borders and shall be allowed until the intraday cross-zonal gate closure time.

- 5. Before the intraday cross-zonal gate closure time, market participants shall submit to relevant NEMOs all the orders for a given market time unit. All NEMOs shall submit the orders for a given market time unit for single matching immediately after the orders have been received from market participants.
- (5) Article 2(37) of the CACM Regulation defines the intraday market timeframe assimple 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'.
- (5)(6) Article 2(38) of the CACM Regulation defines the intraday cross-zonal gate opening time as "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. border.
- (6)(7) Article 2–(39) of the CACM Regulation defines the intraday cross-zonal gate closureing time as "the point in time where cross-zonal capacity allocation is no longer permitted for a given market time unit" unit.
- (7)(8) 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 (hereafter referred to as "('Regulation (EU) 543/2013")2013') provides definitions of the following relevant terms:
 - a. Capacity allocation is defined under Article 2(4) as 'capacity allocation' means' the attribution of cross zonal capacity:
 - b. Cross-zonal capacity is defined under Article 2(10):) as 'cross zonal capacity'
 means the capability of the interconnected system to accommodate energy
 transfer between bidding zones;
 - c. Bidding zone is defined under Article 2(3):) as *bidding zone' means the largest geographical area within which market participants are able to exchange energy without capacity allocation.
- (8)—As the IDCZGCT is defined in relation to the market time unit applicable on a bidding zone border, such market time unit needs to be clearly defined. In the context of this proposal, the definition of "intraday market timeframe" is important and is defined at Article 2(37) of the CACM Regulation as follows: "intraday market timeframe' means 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".
- (9) The definition of "market time unit" unit' is also important and is defined set out in Article 2(19) of Regulation (EU) No_543/2013 provides a general definition of market time unit as: " 'the period for which the market price is established or the shortest possible common time period for the two bidding zones, if their market time units are different". different'. In the case of the market time unit on a bidding zone border in the intraday timeframe, this definition implies a comparison of two applicable market time units within the bidding zones on botheither sides of the

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border and the definition of the market time unit on the border between them as the longer of the two, since such unit is considered as the "shortest possible" unit of this border. The market time unit within a bidding zone is understood to be equal to the imbalance settlement period as defined in Commission Regulation (EU) 2017/2195 of 23 November 2017 establishing a guideline on electricity balancing (Electricity Balancing Regulation').

- (9) products were to latter were to
- (10) Additional relevant references to IDCZGOT and IDCZGCT within the CACM Regulation are listed below:
 - a. Article 51(1):
 - "":From the intraday cross-zonal gate opening time until the intraday cross-zonal gate closure time, the continuous trading matching algorithm shall determine which orders to select for matching such that matching: (...)"(...)"
 - b. Article 58(1):
 - "Each coordinated capacity calculator shall ensure that cross-zonal capacity and allocation constraints are provided to the relevant NEMOs no later than 15 minutes before the intraday cross-zonal gate opening time. "
 - c. Article 63(2):
 - "Complementary regional intraday auctions may be implemented within or between bidding zones in addition to the single intraday coupling solution referred to in Article 51. In order to hold regional intraday auctions, continuous trading within and between the relevant bidding zones may be stopped for a limited period of time before the intraday cross-zonal gate closure time, which shall not exceed the minimum time required to hold the auction and in any case 10 minutes.".
 - d. Article 63(4)(d):
 - "_'the timetables for regional auctions shall be consistent with single intraday coupling to enable market participants to trade as close as possible to real-time."'.'
- (11) Article 9(9) of the CACM Regulation requires that the The expected impact of the IDCZGT Proposal Terms and conditions for IDCZGTs, as proposed by the TSOs and established, with amendments, in the present document, on the objectives of the CACM Regulation has been assessed and is described. The impact is presented below in points in paragraphs (1)(1)(12)(12) to (1)(15)(1615) of this Whereas Section.
- (12) The IDCZGT Proposal contributes to and does not in any way hamper the achievement of the objectives of Article 3 of the CACM Regulation. The TSOs have reviewed the IDCZGOT within each capacity calculation region and IDCZGCT per BZB as requested and propose a solution that enables the TSOs to adequately perform day ahead scheduling and balancing processes in relation to network and operational security and calculate or evaluate intraday cross zonal capacity while still sufficiently contributing to the objective of promoting effective competition in the generation, trading and supply of electricity (Article 3(a) of the CACM Regulation) and taking into account the importance of creating a level playing field for market parties active on cross zonal intraday markets. Effective competition is to be reached via a common cross-zonal intraday market (single intraday coupling)

and while it is clear that the proposed future default as defined by all NRAs in the request for amendment is not feasible in all the capacity calculation regions due to different complexity levels in the capacity calculation region structures and taking into account scheduling and balancing processes in relation to network and operational security, the TSOs are confident that this common proposal is the best possible solution to align the two diverging objectives and meet the NRAs amendment request. Establishing common processes for the intraday market (inter alia, the IDCZGOT and the European level default solution for IDCZGT) contributes to achieving this aim. The timing for further evaluation of the harmonisation of IDCZGOT and IDCZGCT could be linked to the future merger of capacity calculation regions as also addressed in whereas of the decision of ACER No 06/2016 on the TSOs' proposal for the determination of capacity calculation regions on 17 November 2016.

- (12) The IDCZGT Proposal takes into account operational security in accordance with Article 3 (The Terms and conditions for IDCZGTs facilitates effective competition in the generation, trading and supply of electricity (Article 3(a) of the CACM Regulation) as they it establishes an harmonised IDCZGOT just after the end of the day-ahead timeframe and the IDCZGCT of-60 minutes before real-time. This provides ample time for market participants to trade across—the bidding-borderszones borders in the Union.
- (13) The Terms and conditions for IDCZGTs take into account the operational security (Article 3(c) of the CACM Regulation) by setting the IDCZGCT-at the most at 60 minutes before the start of the relevant market time unit, which ensures that there is sufficient timeings for the market scheduling and balancing processes are sufficient to ensure operational security, taking into account foreseen evolutions in congestion management processes, in the entire intraday coupled region. In some regions, extending the intraday trading period till 60 minutes before delivery may create additional requirements for operational processes. This enables TSOs to optimise the calculation and allocation of cross-zonal capacity (Article 3(d) of the CACM Regulation) and thereby optimally tohe optimally—use—of the transmission infrastructure (Article 3(b) of the CACM Regulation).
- (14) By coordinating the timings for the intraday market, the objective of The hHarmonisation of IDCZGTs ensures fair and non-discriminatory treatment of the market parties is provided for TSOs, NEMOs and market participants active on cross-zonal intraday markets (Article 3(e) of the CACM Regulation) and ensures the level playing field between all NEMOs (Article 3(i) of the CACM Regulation). Moreover, a single timings for gate openings to be applied at a minimum on the capacity calculation region level allow for more harmonised timing of the IDCZGOT allowss for fair and orderly organisation of this the intraday market in line with Article(Articles 3(h) of the CACM Regulation.). This additionally guarantees equal access to cross-zonal capacity in the intraday timeframe at a minimum on the capacity calculation region level in accordance to Article 3(e) of the CACM Regulation.
- (15)(14) Finally, the IDCZGT Proposal contributes to the objective of providing nondiscriminatory access to cross-zonal capacity in the intraday timeframe (Article 3(j) of the CACM Regulation) by granting as all market participants a level playing field throughoutin the European Union with a clear and consistent framework for intraday

All TSOs' proposal for intraday cross-zonal gate opening and gate closure time in accordance with Article 59 of Commission Regulation (EU) 2015/1222 of 24

gate times at a minimum on will have access to available cross-zonal capacities within the capacity calculation region level—same time period.

- (15) Setting and publishing the IDCZGOTs and the IDCZGTs ensures and enhances the transparency and reliability of information and contributes to the efficient long-term operation and development of the electricity transmission system and electricity sector in the Union (Article 3(f) and (g) of the CACM Regulation) as all the market parties can rely on these IDCZGTs, which mitigates the regulatory uncertainty and decreases the risk level within the sector.
- (16) In conclusion, the IDCZGT Proposal contributespresent Terms and conditions for IDCZGTs contribute to the general objectives of the CACM Regulation.

(17) All TSOs provided a first IDCGZT Proposal in December 2016 in accordance with Article 59 of the CACM Regulation. In June 2017, all NRAs requested amendments to this proposal. Therefore, this version includes the requested changes.

SUBMIT THE FOLLOWING IDCZGT PROPOSAŁ TO ALL NATIONAL REGULATORY AUTHORITIES:

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(16) Article

The Terms and conditions for IDCZGTs define an harmonised IDCZGOT, as the starting time of the SIDC operation and the time when TSOs start releasing crosszonal capacity. However, the Terms and conditions for IDCZGTs do not define how much cross-zonal capacity TSOs are able to offer at the IDCZGOT in order to comply with operational security, since this should be defined within the intraday capacity calculation methodology. The approval of this methodology is therefore a necessary condition for the implementation of the harmonised IDCZGOT. The harmonised IDCZGOT should therefore be applied as of 1 January 2019 or one month after the approval of the intraday capacity calculation methodology, whichever comes later. whose effective implementation will require a . The TSOs need certain time to prepare and implement the harmonised IDCZGOT. To ensure a smooth implementation and functioning of the single intraday couplingSIDC solution, a provisional IDCZGOT shouldhas to be set and applied until the harmonised IDCZGOT is applicable. Therefore, these Tterms and conditions for IDCZGTs establish a transitionaln IDCZGOT for the period until 31 December 2018 and an harmonised IDCZGOT for the period after 31 December 2018.

The Terms and conditions for IDCZGTs define an IDCZGCT in relation to the intraday market time unit on a bidding zone border, whereas all bidding zone borders currently specify the IDCZGCT in relation to the market time unit in the day-ahead timeframe (i.e. one hour). As the definition of the market time unit on the bidding zone border for the intraday timeframe was not legally clear until the adoption of these Terms and conditions, the TSOs need time to adapt-to-this clarification. To enable the transition to thea newly established definition of IFDCZGCT defined in relation to the market time unit on the bidding zone border as specified in these Terms and conditions, a transitional period should allow TSOs to prepare for the implementation of the IDCZGCTnew definition. Therefore, these Terms and conditions for IDCZGTs provide for a transition period lasting until 1 January 2021, 19 which also corresponds to the approximate date for harmonisation of imbalance settlement periods in accordance with Article 53 of the Electricity Balancing Regulation, which is used as a reference for clarifying the market time unit. Duringduring this transition period, -which-TSOs canmay implement the IDCZGCT in relation to the delivery hour instead of the market time unit on the bidding zone border. provide for

TITLE 1

General provision

Article 1

Subject matter and scope

The These Terms and conditions determine the IDCZGOT and the IDCZGCT as determined in this IDCZGT Proposal is the common proposal of all TSOs for the single intraday coupling SIDC in accordance with Article 59 of the CACM Regulation.

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Article 2

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Definitions and interpretation

- For the purposes of the IDCZGT Proposal, the The terms used in these Terms and conditions for IDCZGTs shall have the meaning given to them in Article 2 of Regulation (EC) No 714/2009, Article 2 of Regulation (EU) No 543/2013/543, Article 2 of the CACM Regulation (EU) 2015/1222, Article 2 of Regulation (EU) 2017/2195 and Article 2 of Directive 2009/72/EC. In accordance with Article 2(19) of Regulation (EU) No 543/2013, the intraday market time unit on the bidding zone border means the longer of the two imbalance settlement periods within the bidding zones on botheither sides of the bidding zone border.
- In this IDCZGT Proposal, unless Unless the context requires otherwise or unless specified otherwise.
 - a) the singular indicates the plural and vice versa;
 - b) the table of contents and headings are inserted for convenience only and do not affect the interpretation of this proposalthese Terms and conditions for IDCZGTs; and
 - any reference to legislation, regulations, directives, decisions, orders, instruments, codes or any other enactment shall include any modification, extension or re-enactment of itthereof when in force.
- The capacity calculation regions and bidding zone borders referred to in this IDCZGT
 Proposalthese Terms and conditions for IDCZGTs are those determined in accordance with
 Article 15 of the CACM Regulation.

Article 3

Application of theseis proposal definition terms and conditions

This proposal applies These Terms and conditions for IDCZGTs apply solely to intraday crosszonal gate opening and closure times on bidding zone borders of the capacity calculation regions participating in the SIDC. Gate opening and gate closure times for intraday trading within a bidding zone and for complementary regional intraday auctions in accordance with Article 63 of the CACM Regulation are outside the scope of this proposal these Terms and conditions. The volume of cross-zonal capacity offered at the IDCZGOT or any time during the intraday market timeframe is also outside the scope of these Terms and conditions for IDCZGTs.

The Terms and conditions for IDCZGTs also do not address to the level of cross zonal capacities offered to the single intraday coupling at the intraday cross zonal gate opening time or any time during the intraday timeframe.

TITLE 2

<u>Intraday cross-zonal gate opening time and</u> <u>intraday cross-zonal gate closure time</u>

Article 4 Intraday Cross-Zonal Gate Opening Time

The

- From 1 June 2018 and until 31 December 2018, the IDCZGOT shall be defined for the differentall bidding zone borders of the capacity calculation regions participating in the SIDC as follows:
 - a) For capacity calculation region Nordic at 15:00 market time day-ahead.
 - b) For capacity calculation region Hansa at 18:00 market time day-ahead
 - c) For capacity calculation region Core at 22:00 market time day-ahead.
 - d) For capacity calculation region Italy North at 22:00 market time day-ahead.
 - e) For capacity calculation region Greece-Italy at 22:00 market time day-ahead.
 - f) For capacity calculation region South-west Europe at 22:00 market time day-ahead.
 - g) For capacity calculation region Ireland and United Kingdom at 18:30 market time day-ahead.
 - h) For capacity calculation region Channel at 22:00 market time day-ahead.
 - i) For capacity calculation region Baltic at 18:00 market time day-ahead.
 - j) For capacity calculation region South-east Europe at 22:00 market time day-ahead.
- 2. The From 1 January 2019 onwards, the IDCZGOT stipulated in Article 4(1) is dependent on the successful completion of the price coupling process for the all bidding zone borders participating in the SIDC shall be at 15:00 market time day-ahead market. Should. On the bidding zone borders of a capacity calculation region where intraday capacity calculation methodology has not been approved by 31 November 2018, the implementation of this IDCZGOT shall be postponed until 30 days after the approval of the intraday capacity calculation methodology in accordance with Articles 20 and 21 of the CACM Regulation.
- 2-3. If the price-coupling process in the day_ahead market beis unsuccessful, and the fallback procedures initiated as a result in accordance with Article 44 of the CACM Regulation are and completed after the IDCZGOT as defined in paragraphs (1) and (2) of this Article 4(1), the IDCZGOT shall take place at the earliest possible time after the results of the respective fallback procedures are knownestablished.

Article 5

Future default pan-European Intraday Cross-Zonal Gate Opening Time

- The TSOs shall set the future default IDCZGOT to be at the earliest IDCZGOT possible
 as defined in Article 4, taking into account scheduling and balancing processes in
 relation to network and operational security.
- The TSOs shall review the possibility to further harmonise the IDCZGOT and to achieve the future default IDCZGOT later in the implementation process of the CACM Regulation.

Article <u>56</u>
Intraday Cross-Zonal Gate Closure Time

- 1. The From 1 June 2018 onwards, the IDCZGCT for the bidding zone border Estonia-Finland (EE-FI) shall be 30 minutes before the start of the relevant intraday market time unit on that bidding zone border and the IDCZGCT for all other bidding zone borders shall be 60 minutes before the start of the relevant intraday market time unit on a bidding zone border.
- 2. Until 1 January 2021498, the IDCZGCT as defined in paragraph 1 on bidding zone borders, where, at the date of theis Ddecision approving these Terms and conditions, the intraday market time unit as defined in Article 2 is shorter than 60 minutes, shallmay be applied in relation to the relevant delivery hour instead of rather than in relation to the relevant intraday market time unit on the bidding zone border as defined in Article 2(1) of these Terms and conditions be 60 minutes before the start of the delivery hour.

TITLE 3

Final provisions

Article <u>6</u>7

Publication and Implementation of IDCZGT Proposal

The TSOs shall publish the IDCZGT Proposalthese Terms and conditions for IDCZGTs without undue delay after their approval by all national regulatory authorities have approved the proposed IDCZGT or athey have been approved by Decision of decision on the Terms and conditions for IDCZGTs has been taken by the Agency for the Cooperation of Energy Regulators in accordance with Article 9 (10), Article 9(11) and 9(12) of the CACM Regulation.

The TSOs shall implement the IDCZGOT and IDCZCGT defined in Articles 4 and 6, respectively, immediately after the implementation of the single intraday coupling in accordance with Articles 7(3) and 37 of the CACM Regulation, the common grid model methodology in accordance with Article 17 of the CACM Regulation, the capacity calculation methodology in accordance with Article 20 of the CACM Regulation, and the establishment of the relevant coordinated capacity calculator in accordance with Article 27(2) of the CACM Regulation on the relevant Bidding Zone border(s).

Article <u>78</u> Language <u>disclaimer</u>

The reference language for this IDCZGT Proposalthese Terms and conditions for IDCZGTs shall be English. For the avoidance of doubt, where TSOs need to translate this IDCZGT Proposalthese Terms and conditions for IDCZGTs into theirthe national language(s), of a relevant national regulatory authority, in the event of inconsistencies between the English version published by TSOs in accordance with Article 9(14) of the CACM Regulation and any version in another language, the relevant TSOs shall be obliged to dispel any inconsistencies by providing a revised translation of this IDCZGT Proposal to theirthese Terms and conditions for IDCZGTs to the relevant national regulatory authorities.

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