



Information Regarding Changes in Short-Term Electricity Markets in 2024/25 Related to the Introduction of a 15-minute Trading Period and Imbalance Settlement Period in the Czech Republic and the Introduction of Intraday Auctions

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1. Introduction

- ❑ In connection with the changes in short-term electricity markets planned for 2024/25, market operator provides the following material in order to introduce these changes to market participants following:
 - ❑ The planned implementation of a 15-minute settlement period in the Czech Republic as of 1 July 2024 based on relevant legislative requirements (in particular Regulation (EU) 2019/943 of the European Parliament and of the Council and Regulation No. 408/2015 Coll. on the Electricity Market Rules)
 - ❑ The planned launch of Intraday Electricity Auctions on the basis of Decision No. 01/2019 on establishing a single Methodology for pricing intraday cross-zonal capacity
 - ❑ Information webinar held on 21/06/2023
 - ❑ Enquiries received from individual market participants

The presented information reflects the currently known market development (especially related to legislation) as of February 2024 and with the knowledge of the information valid as of that date. Up-to-date information regarding the introduction and testing of the 15-minute settlement and trading period is regularly published on the [OTE website](#).

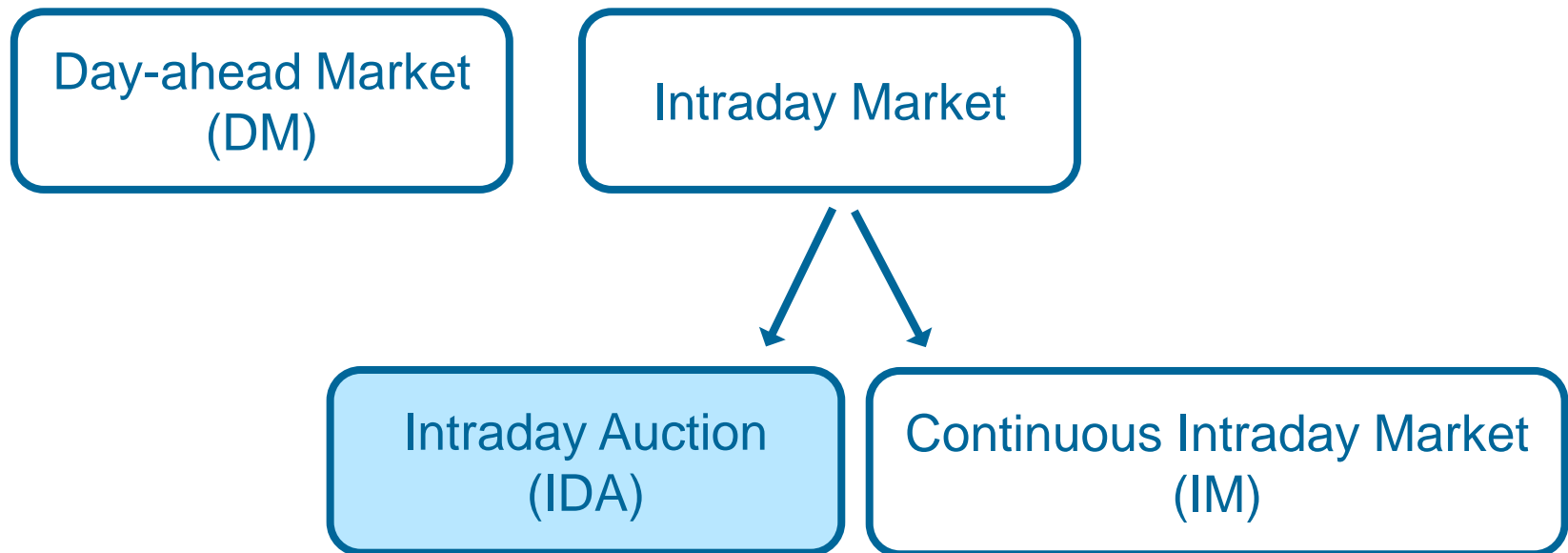
- ❑ Inform market participants about changes and testing related to the introduction of 15-minute products in the Intraday Market (IDAs + IM)
- ❑ Inform market participants about the changes related to the new framework on Day-ahead Market and the introduction of 15-minute products on the Day-ahead Market in 2025
- ❑ Inform market participants about changes and testing related to the introduction of 15-minute intervals in the Registration of Realization Diagram (RRD)
- ❑ Inform market participants about changes and testing related to the introduction of Intraday Auctions (IDAs)
- ❑ Give market participants the opportunity to ask questions about the information presented

How to ask questions?

If you have any questions related to this presentation, please send us an e-mail to market@ote-cr.cz .

Questions will be answered via email.

- ❑ The intraday market will be organized as Continuous Intraday Market (IM) and newly also through Intraday Auction (IDA). Thus, IDA complement the Continuous Intraday Market and expand the possibilities of the intraday trading.



14. 6. 2024

👉 **IDA** deployment (implementation into the system on 12/06/2024, the first day of trading on 13/06/2024 for delivery day on 14/06/2024)

👉 **New DM framework** deployment (implementation into the system on 12/06/2024, first day of trading on 13/06/2024 for delivery day on 14/06/2024)

Q1/2025

👉 Implementation of 15-minute products on DM (date to be specified)




👉 Implementation of a **15-minute imbalance settlement period (ISP)**

👉 Implementation of **15-minute products in IM** (implementation into the system and the first day of trading on 30/06/2024 for delivery day on 01/07/2024)

👉 Implementation of **15-minute products in IDA** (implementation into the system and the first day of trading on 30/06/2024 for delivery day on 01/07/2024)

👉 Implementation of **15-minute interval in RRD** (Implementation on 29/06/2024, for delivery day on 01/07/2024)

2. Introduction of 15-minute Products on the Continuous Intraday Market (IM)

- ❑ **Until 30/06/2024 (day of delivery) on IM, it is only possible to trade products with 60-minute granularity**

- ❑ **From 01/07/2024 (the day of delivery), it will be possible to submit orders on IM with both 15-minute and 60-minute granularity**
 - ❑ Block contracts can only be created from 60-minute contracts
 - ❑ Cross-product matching will not be supported, i.e. the possibility to match a product with a higher granularity with other products with a lower granularity
- ❑ **Minimal changes in the OTE-COM platform:**
 - Added new 15-minute products
 - Limitation of the number of simultaneously visible contract details in the trading screen (assumption is the limitation to 7)
 - New screens and reports - new report design taking into account multiresolution data display; removed *ATC report - H2H matrix* remains
 - No changes in automatic communication
- ❑ The impact on the suspension of cross-border trading on IM related to the introduction of Intraday Auctions (IDAs) is described on slide 31 of this presentation

2.2 Introduction of 15-minute products on IM – OTE-COM with 15-min. products



Trading screen IM x

Market overview **XBID connected – XBID products**

Contract	Bid			Ask			Trades			
	OwnQty	Qty	Price	Price	Qty	OwnQty	LastPce	LastQty	TotQty	OwnQty (B/S)
09-10_XB										
09:00-09:15_XB										
09:15-09:30_XB										
09:30-09:45_XB										
09:45-10:00_XB										
10-11_XB	5,0	5,0	180,00							
10:00-10:15_XB	7,0	7,0	160,00							
10:15-10:30_XB	15,0	15,0	166,00							
10:30-10:45_XB	20,0	20,0	130,00							
10:45-11:00_XB	10,0	10,0	140,00	175,00	10,0	10,0				
Trading from: 20.10. 15:00										
Trading to: 21.10. 10:40										
	10,0	10,0 / 20,0	118,22							
	30,0	30,0 / 50,0	115,00							
	5,0	5,0 / 55,0	110,00							
11-12_XB										
11:00-11:15_XB										
11:15-11:30_XB										

IM Trading Screen
Market Overview – XBID

Trading screen IM x

Market overview **XBID disconnected – Backup IM Products**

Contract	Bid		
	OwnQty	Qty	Price
250321_09-10			
250321_09:00-09:15			
250321_09:15-09:30			
250321_09:30-09:45			
250321_09:45-10:00			
250321_10-11	5,0	5,0	180,00
250321_10:00-10:15	7,0	7,0	160,00
250321_10:15-10:30	15,0	15,0	166,00
250321_10:30-10:45	20,0	20,0	130,00
250321_10:45-11:00	10,0	10,0	140,00
Trading from: 20.10. 15:00			
Trading to: 21.10. 10:40			
	10,0	10,0 / 20,0	118,22
	30,0	30,0 / 50,0	115,00
	5,0	5,0 / 55,0	110,00
250321_11-12			
250321_11:00-11:15			
250321_11:15-11:30			

IM Trading Screen
Market Overview – Backup

- ❑ **Testing of the introduction of 15-minute products on IM with market participants is planned for the period of 27/05/2024 – 31/05/2024**
- ❑ More details on testing are given in the final summary of this presentation (chapters 7.2 - 7.4)

- ❑ **The introduction of 15-minute products on IM is planned for the delivery day of 01/07/2024 (the implementation into the system on 30/06/2024, trading day on 30/06/2024)**

3. Changes in the Day-Ahead Market (DM) with the Deployment of a New Framework and the Introduction of 15-minute Products

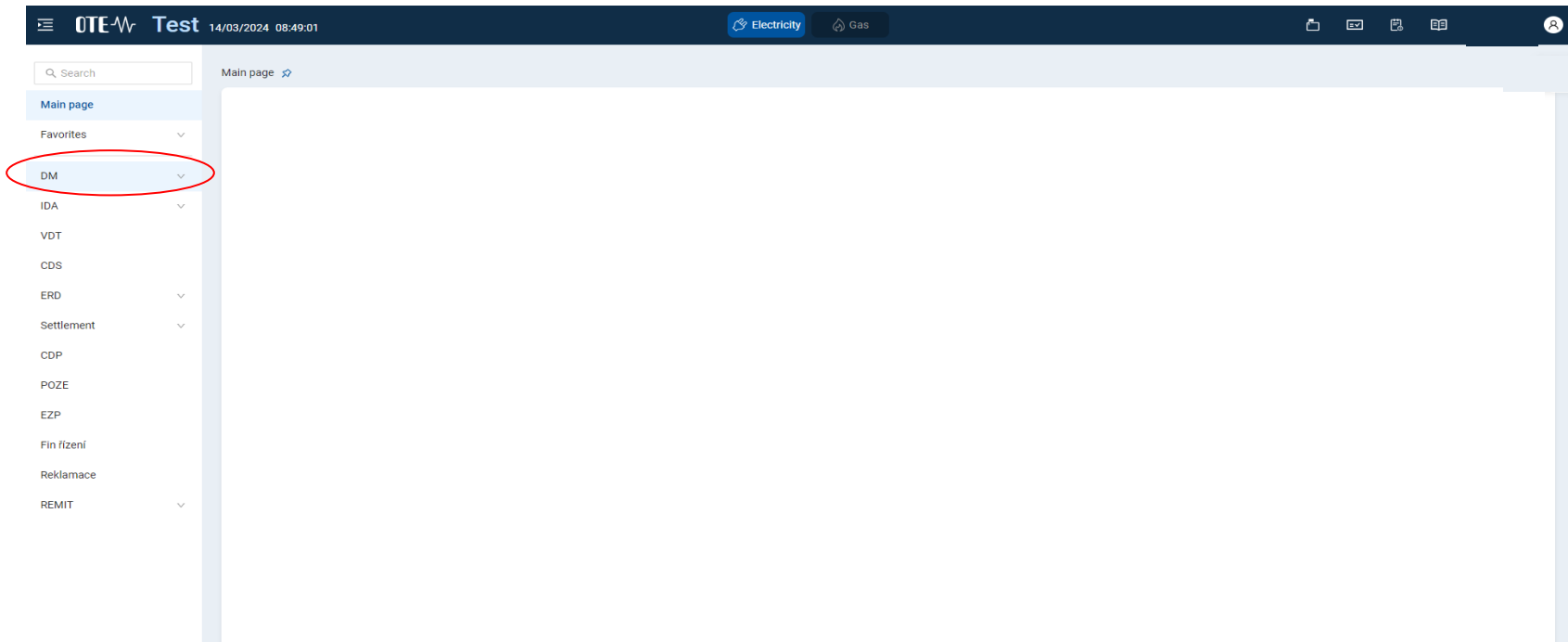
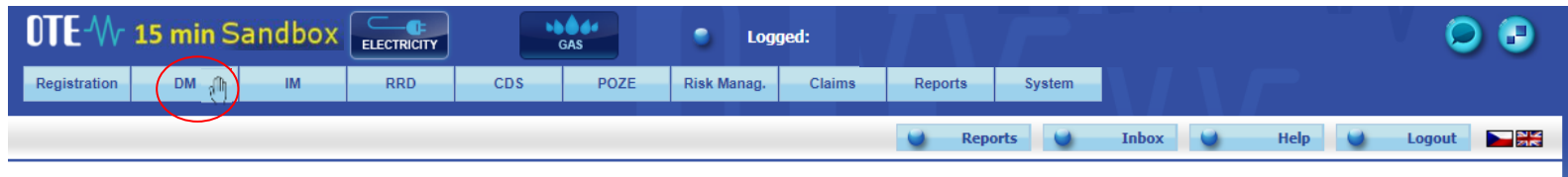
3.1 Changes in DM with the Deployment of the New Framework – Overview of Changes

- ❑ Transition to the **new framework on DM is planned** at the same time as the implementation of IDAs (currently planned deployment of the new system on **12/06/2024 in the evening**, i.e. the first day of trading on 13/06/2024 for the delivery day of 14/06/2024)
- ❑ Along with the framework change, the following changes will take place on DM:
 - ❑ Maximum quantity within one order interval is 2,999.0 MW (currently 99,999.0 MW)
 - ❑ Units:
 - ❑ Quantity of orders and calculated results in MW for a given trading interval
 - ❑ The recalculated MWh values will be used in the reports used for aggregated values
 - ❑ Price of orders in EUR/MWh (remains)
 - ❑ Within the AC:
 - ❑ It will be possible to submit multiple orders in one XML at the same time (orders will be processed serially on the system side), it also applies to uploading
 - ❑ The ENTSO-E format according to the CIM standard will be used for MPs' query regarding capacity data
 - ❑ New version of templates supporting 15-min. + 60-min. resolution
 - ❑ Optimization of the number of reports and changes in titles:
 - ❑ The *Order Data* report will be deleted (the content of the report will be the same as the *Orders by Delivery Day* report)
 - ❑ The group of *DM 4MMC* report will be deleted
 - ❑ The *Profile Data* report is deleted

3.1 Changes in DM with the Deployment of the New Framework – Overview of Changes



From the old to the new framework



❑ Changes to the orders offered on DM:

❑ Standard order

- Elimination of the volume indivisibility of the 1st segment of standard orders (the matched quantity can only be reduced if the order is at the intersection of the matching curves and the whole order could not be matched), the indivisibility can be solved by available block products
- Max number of segments for a standard order:
 - for manual entry in CS OTE, max. 5 segments,
 - when importing XML into CS OTE, max. 25 segments,
 - within the AC sending XML with a maximum of 25 segments
- Within AC and when importing XML, it is possible to enter multiple orders at once

❑ Profile block order – introduction of divisibility for the profile block orders, i.e. it will be possible to indicate the required minimum level of the matched quantity in each period of the block order in percentages, the range of the allowed values will be specified based on the results of testing (assumed range is 10 - 100%)

❑ Flexible hourly order – will be removed (no longer supported)

- ❑ DM will continue to be available on the **OTE web portal and through AC**
 - ❑ There will be a **new framework** within CS OTE that will **also be used for IDA**
 - ❑ The user interface is fully handled by the browser, where the entire web application runs as a client program in the browser
 - ❑ Uploading orders enabled via:
 - Manual form entry
 - Copy-paste into the form
 - Upload an XML file
 - ❑ The main changes for AC are listed in the final summary of this presentation (Chapter 7.6)

- ❑ Documentation for AC messages is available here:
https://www.ote-cr.cz/en/documentation/electricity-documentation/d1-4-4_format_messages_xml_dm-ida-soi-fs-cds-rrd_b_en.pdf
- ❑ The new XML specifications (XSD templates), including the CIM standard, are available here:
https://www.ote-cr.cz/en/documentation/electricity-documentation/d1-4-2_xsd_sablony_dt-ida-zo-fz_v2-0-1.zip
- ❑ Other important information can be found here:
<https://www.ote-cr.cz/en/documentation/electricity-documentation/information-to-switch-to-15-min-interval>

3.2 Changes in DM with the Deployment of the New Framework – Framework and Documentation



☰ OTE Test 07/02/2024 10:02:39

📄
✉
📅
📁
👤 Oliver TESTOVACI SZ2

Electricity
Gas

- Main page
- Favorites
- DM
- DM - trading
- Reports
- IDA
- VDT
- CDS
- ERD
- Zúčtování
- CDP
- POZE
- EZP
- Fin řízení
- Reklamace
- REMIT
- Obečné

Day-ahead market – summary

Session			OTE DM Index (EUR/MWh)			Price (EUR/MWh)		Volume (MWh)
Delivery day	GCT	Status	BASE	PEAK	OFFPEAK	Min	Max	Total
06/02/2024	05/02/2024 11:21	Results	9.59	9.59	9.59	9.58	9.59	32.3
08/02/2024	07/02/2024 12:00	Open						
09/02/2024	08/02/2024 12:00	Open						
10/02/2024	09/02/2024 12:00	Open						

Audit log

Time	Severity	Visibility	Description
07/02/2024 10:02:26	Info	Private	Order creation ID 19/1 for sell 40.000 M...
07/02/2024 10:02:25	Info	Private	Bid(s) received for processing to the requ...
07/02/2024 10:02:05	Warning	Private	Order creation failed: In supply bids the s...
07/02/2024 10:02:04	Info	Private	Bid(s) received for processing to the requ...
07/02/2024 10:01:49	Info	Private	Order creation ID 18/1 for buy 40.000 M...

Order for 08/02/2024, Sell

Enter your comment here

Period	Segment 1		Segment 2	
	Volume	Price	Volume	Price
00-01	10.0	120.00	10.0	130.00
01-02	20.0	130.00		
02-03				
03-04				
04-05				
05-06				
06-07				
07-08				
08-09				
09-10				
10-11				
11-12				
12-13				
13-14				
14-15				

List of orders

Delivery day	Type	OrdCtg	Grp	Resolution	Ver	OrdID	LinkdTo	Comment	Volume (MWh)	MinPrice (EUR/MWh)	EL
08/02/2024	Buy	STD		60 min	1	18			40.0	110.00	
08/02/2024	Sell	STD		60 min	1	19			40.0	120.00	

Cancel
Submit modification
+ Create new

3.2 Changes in DM with the Deployment of the New Framework – Framework and Documentation



OTE Test 07/02/2024 10:04:17
Electricity Gas
Oliver TESTOVACI SZZ

Search

- Main page
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- DM
- DM - trading
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- IDA
- VDT
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- Zúčtování
- CDP
- POZE
- EZP
- Fin řízení
- Reklama
- REMIT
- Obcené

DM / DM - trading
Dashboard

Day-ahead market - results for 06/02/2024

15 min 60 min

Table Graph

List of orders

+ Create from XML + New order

Delivery day	Type	OrdCtg	Grp	Resolution	Ver	OrdID	LinkdTo	Comment	Volume (MWh)	MinPrice (EUR/MWh)	(E)
08/02/2024	Buy	STD		60 min	1	18			40.0	110.00	
08/02/2024	Sell	STD		60 min	1	19			40.0	120.00	

Audit log

Time	Severity	Visibility	Description
07/02/2024 10:02:26	Info	Private	Order creation ID 19/1 for sell 40.000 M...
07/02/2024 10:02:25	Info	Private	Bid(s) received for processing to the requ...
07/02/2024 10:02:05	Warning	Private	Order creation failed: In supply bids the s...
07/02/2024 10:02:04	Info	Private	Bid(s) received for processing to the requ...
07/02/2024 10:01:49	Info	Private	Order creation ID 18/1 for buy 40.000 M...

Order for 08/02/2024, Buy

Header

Order category: STD PBO

Order type: Buy Sell

Period resolution: 60 min 15 min

Delivery day: 08/02/2024

Settlement currency: EUR

Order ID: [empty]

Version: [empty]

Default settlement currency: EUR

Check for fin. security: Immediately

Participant: 8591824999905 - TESTOVA...

Comment: Enter your comment here

Detail

Period	Volume	Price	Volume	Price
Segment 1			Segment 2	

Cancel Submit modification Create new

- ❑ **Testing of the new DM framework with MPs is planned for 06/05/2024 - 31/05/2024**
- ❑ More details on testing are given in the final summary of this presentation (Chapters 7.2 - 7.4)
- ❑ **Deployment of the new framework on DM and adjustments in Automatic Communication when accessing DM** is planned for the evening of 12/06/2024 (together with the deployment of Intraday Auctions), i.e. the first trading day on 13/06/2024 for the delivery day of 14/06/2024)

3.4 Introduction of 15-minute Products on the Day-Ahead Market – Information Summary

- ❑ **From Q1/2025** (the exact date will be specified), the possibility to trade **15-min. products on DM will be introduced**, while the possibility to trade the 60-minute products will be maintained, at the same time other process changes will occur on DM, especially with regards to the outputs of the SDAC project:
 - ❑ The calculation time will be extended to 30 min (currently the calculation time is 17 min) and the related time of publication of the results will be adjusted:

	Current timings	2025 timings	
C O U P L I N G	12:00	12:00	NEMO Order book Gate Closure Time
	12:10	12:10	PMB GCT // Reception of all Order Data files in PMBs and Start of Calculation
	12:27	12:40	End of Calculation
	12:45	12:51	Publication of Preliminary Results (OTE does not publish) and sending to the TSOs
	12:58	13:01	Publication of Final Results
	13:50	13:50	Deadline to send the message for Risk of Full Decoupling
	14:20	14:20	Deadline to declare the SDAC Full Decoupling or Publication of coupled Results

3.4 Introduction of 15-minute Products on the Day-Ahead Market – Information Summary

- ❑ The removal of the 2nd Auction mechanism is being discussed ([public consultation](#) ended on 15/01/2024)
 - ❑ Currently the discussion with National Regulatory Authorities is being held
 - ❑ On NEMO Committee website, the [Report on public consultation results](#) and [Frequently asked questions & answers](#) were published (containing the detailed description and reasoning for 2nd Auction removal)

- ❑ Changes for DM prices:
 - ❑ Until the implementation of 15-min. products on DM (until Q1/2025) all prices on DM will be available only for hourly products (i.e. one price per 60 min)
 - ➔
 - ❑ After introducing 15-min. products (Q1/2025) 15-min. price will be used for settlement
 - ❑ 60-min. price will be stated as a reference price for a subsequent use

4. Introduction of 15-min. Intervals within the Registration of Realization Diagrams (RRD)

❑ Registration of Realization Diagrams (RRD)

- ❑ The registration and the viewing of Realization Diagrams in 15-minutes granularity will be supported
- ❑ Support for providing historical data of Realization Diagrams registered in 60-min. granularity will be maintained
- ❑ The format of AC messages will be changed from the original ENTSO-E standard to the CIM standard while maintaining the existing communication scenarios

Current status		New status	
Document	Version	Document	Version
AcknowledgementDocument	5.0	Acknowledgement_MarketDocument	8.1
ScheduleMessage	3.1	Schedule_MarketDocument	5.2
ConfirmationReport	3.1	Confirmation_MarketDocument	5.3
AnomalyReport	3.1	AnomalyReport_MarketDocument	5.2
StatusRequest	1.1	StatusRequest_MarketDocument	4.0

❑ Documentation for AC messages is available here:

https://www.ote-cr.cz/en/documentation/electricity-documentation/d1-4-4_format_messages_xml_dm-ida-soi-fs-cds-rrd_b_en.pdf

❑ The new XML specifications (XSD templates) in the CIM standard are available here:

https://www.ote-cr.cz/en/documentation/electricity-documentation/d1-4-2_xsd_sablony_dt-ida-zo-fz_v2-0-1.zip

4.2 Introduction of 15-min. Intervals within RRD – Framework



OTE Production 01.01.2023 15:56:39
Elektrina Plyn
809 809 715

← Zpět

Hledat v menu

Trhy Odchylky

RRD

RRD - Overview

Reports

IDA

VDT

CDS

ERD

Zúčtování

CDP

POZE

EZP

Fin řízení

Reklamace

REMIT

Obecné

Registration of realization diagrams

Delivery day	Bilan Season DUD		Connective Season DUD		FoDU Season		EU Intraday Season	
	GCT	Status	GCT	Status	GCT	Status	GCT	Status
09.03.2025	08.03.2025 14:00	Výsledky	08.03.2025 14:45	Výsledky	08.03.2025 16:30	Výsledky	10.03.2025 09:00	
10.03.2025	09.03.2025 14:00	Výsledky	09.03.2025 14:45	Výsledky	09.03.2025 16:30	Výsledky	11.03.2025 09:00	
11.03.2025	10.03.2025 14:00	Výsledky	10.03.2025 14:45	Výsledky	10.03.2025 16:30	Výsledky	12.03.2025 09:00	
12.03.2025	11.03.2025 14:00	Uzavřena	11.03.2025 14:45	Nezahájena	11.03.2025 16:30	Otevřena	13.03.2025 09:00	
13.03.2025	12.03.2025 14:00	Otevřena	12.03.2025 14:45	Nezahájena	12.03.2025 16:30	Otevřena	14.03.2025 09:00	
14.03.2025	13.03.2025 14:00	Otevřena	13.03.2025 14:45	Nezahájena	13.03.2025 16:30	Otevřena	15.03.2025 09:00	
15.03.2025	14.03.2025 14:00	Otevřena	14.03.2025 14:45	Nezahájena	14.03.2025 16:30	Otevřena	16.03.2025 09:00	
16.03.2025	15.03.2025 14:00	Otevřena	15.03.2025 14:45	Nezahájena	15.03.2025 16:30	Otevřena	17.03.2025 09:00	
17.03.2025	16.03.2025 14:00	Otevřena	16.03.2025 14:45	Nezahájena	16.03.2025 16:30	Otevřena	18.03.2025 09:00	
18.03.2025	17.03.2025 14:00	Otevřena	17.03.2025 14:45	Nezahájena	17.03.2025 16:30	Otevřena	19.03.2025 09:00	

List of RD

Inactive RD + Create from XML + New diagram Templates management RD

DocID	Status	Id Dgm	RRD Version	Delivery day	Type
20250313_A01_8591824404033	Spárovaný	14 503 506	2	13.03.2025	Nákup
20250313_A01_8591824404033	Spárovaný	14 503 506	1	13.03.2025	Prodej
20250313_A01_8591824404033...	Přijatý	14 503 506	2	13.03.2025	Prodej
20250313_A01_8591824404033...	Nespárovaný	14 503 506	1	13.03.2025	Nákup
20250313_A01_8591824404033#	Nespárovaný	14 503 506	1	13.03.2025	Prodej
20250313_A01_8591824404033	Přijatý	14 503 506	1	13.03.2025	Nákup
20250313_A01_8591824404033	Spárovaný	14 503 506	3	13.03.2025	Nákup
20250313_A01_8591824404033	Spárovaný	14 503 506	1	13.03.2025	Prodej
20250313_A01_8591824404033	Spárovaný	14 503 506	1	15.03.2025	Prodej
20250313_A01_8591824404033	Spárovaný	14 503 506	1	16.03.2025	Prodej
20250313_A01_8591824404033	Nespárovaný	14 503 506	1	10.03.2025	Prodej
20250313_A01_8591824404033	Spárovaný	14 503 506	1	10.03.2025	Nákup
20250313_A01_8591824404033	Nahrazený	14 503 506	1	10.03.2025	Nákup
20250313_A01_8591824404033	Odmítnutý	14 503 506	1	10.03.2025	Nákup
20250313_A01_8591824404033	Přijatý	14 503 506	1	10.03.2025	Nákup

Audit Log

Time	Level	Visibility	Description
09.03.2025 12:02:36	Info	Privátní	Zavedení diagramů z dokumentu XYZ123 doko...
09.03.2025 12:02:36	Info	Privátní	Zavedení diagramů z dokumentu XYZ123 doko...
09.03.2025 12:02:36	Info	Privátní	Zavedení diagramů z dokumentu XYZ123 doko...

Diagram for 13.03.2025

Identification

Document ID	Version	Submission timestamp
20250313_A01_8591824889084_798	2	12.03.2025 10:30:56

Header

Diagram type	Processing type	Unit
Domácí RD	Denní RD	MW

Counterparty	Owner	Sender
859 1824 2345 19 (První...)	859 1824 4040 33 (Trader, ...)	859 1824 4040 33 (Trader, ...)

Delivery day: 13.03.2025 Period resolution: 60 min 15 min

Detail

Buy	Realize	Sell	Realize
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Schedule ID	Status	Schedule ID	Status
rrs859182440403302	Přijatý	rrs859182440403351	Přijatý

Anulovat + Registrovat

- ❑ **Testing of RRD with MPs is planned for 06/05/2024 - 31/05/2024**
- ❑ More details on testing are given in the final summary of this presentation (Chapters 7.2 - 7.4)

- ❑ **Go-Live of the new framework is currently planned for the delivery date of 14/06/2024** (deployment into the system on 12/06/2024 in the evening)
 - ❑ **i.e. from 12/06/2024 in the evening** it will be necessary to send data for RRD in the new CIM format for delivery days until **30/06/2024 in 60-min. granularity, but it will be also possible to send RRDs for delivery days starting from 01/07/2024 and onwards in 15-minute granularity**

- ❑ **From 30/06/2024** (for the delivery day of 01/07/2024) it will be possible to submit RRD **only in 15-min. granularity**

5. Intraday Auctions (IDAs)

- ❑ IDA are being implemented within the framework of the EU single electricity market on the basis of [Decision No. 01/2019](#) on establishing a single *Methodology for Pricing Intraday Cross-Zonal Capacity* by the Agency for the Cooperation of Energy Regulators (ACER)
- ❑ **IDA = an implicit Intraday Auction** held within a single (intraday) European electricity market for the purpose of allocating available intraday cross-border capacity through a market coupling mechanism between individual bidding zones (i.e. the electricity is traded together with the cross-border capacity in the form of an auction)
- ❑ The purpose of introducing the IDAs is to **harmonize the calculation and allocation of cross-border capacities** on the intraday market and to **price intraday cross-border capacities** to reflect their shortage at a given time and thereby send an adequate price signal to the market



SIDC countries implementing IDAs

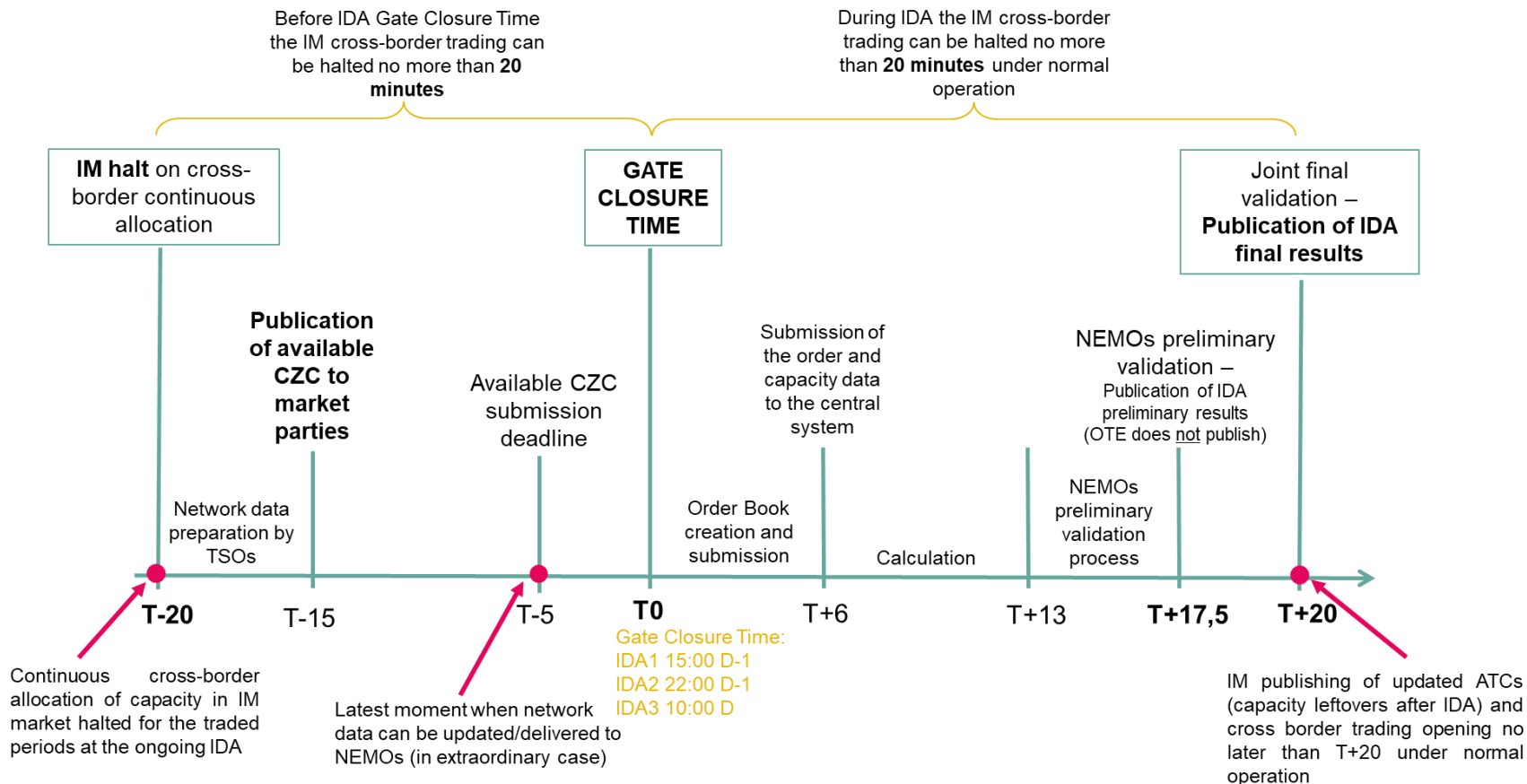
- ❑ IDAs will be organised by Nominated Market Operators (NEMOs) in cooperation with Transmission System Operators (TSOs) (as well as DM and IM), OTE, a.s. is the the Nominated Market Operator in the Czech Republic
 - ❑ The development, testing, implementation, as well as the parameters and offered products in IDA are determined centrally and largely harmonized in accordance with the European NEMOs and TSOs
- ❑ There will be **3 auctions for the respective delivery day (D)**:
 - ❑ **IDA1** at **15:00 D-1**; traded periods 00 – 24 of the day D
 - ❑ **IDA2** at **22:00 D-1**; traded periods 00 – 24 of the day D
 - ❑ **IDA3** at **10:00 D**; traded periods 12 – 24 of the day D
- ❑ The solution for IDAs is based on the updated DM platform, including formats of [automatic communication](#)
- ❑ Full decoupling and second auction will not be supported in IDA
- ❑ NTC will be the capacity calculation method

- ❑ IDA is based on similar auction mechanism as DM, but IDA has a shorter course compared to DM:
 1. **Pre-coupling:** The collection and upload of input data for IDA } 20 min
 2. **Coupling:** The process of calculating IDA results up to the moment of their validation } 20 min (in extraordinary situations up to 30 min)
 3. **Post-coupling:** The upload and processing of results and other IDA output data }

- ❑ **Tradable cross-border capacities** for a given IDA will be available on the ENTSO-E Transparency Platform 15 minutes before the gate closure time of a given IDA and can be updated up to 5 min prior to the gate closure time of the given IDA. **OTE will not publish these capacities.**

- ❑ Expected available cross-border capacities for individual IDAs (this topic is outside the responsibility of OTE, more detailed information will be available by the Transmission System Operator or the Core/MCSC project):
 - ❑ For IDA1, remaining cross-border capacity from DM is expected
 - ❑ For IDA2, the recalculation of capacities for IM within the Core region is expected
 - ❑ For IDA3, current capacity from IM is expected

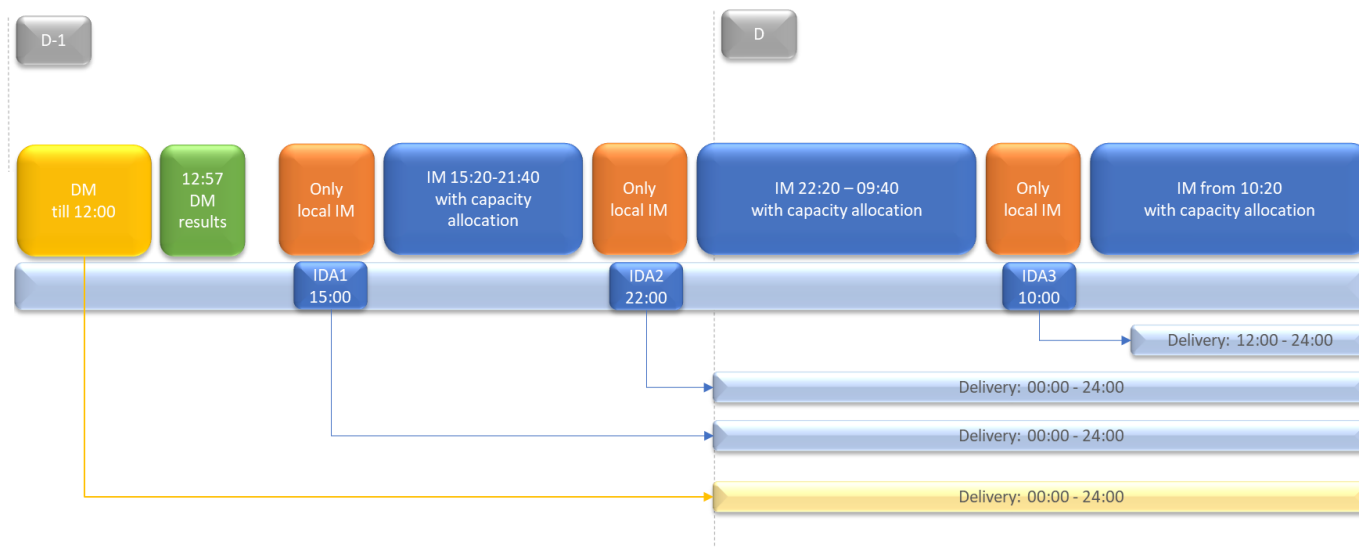
5.2 Intraday Auction – Concept



- ❑ During the organization of the ongoing IDA, i.e. for
 - ❑ IDA1 during 14:40 – 15:20 (in exceptional situations until 15:30)
 - ❑ IDA2 during 21:40 – 22:20 (in exceptional situations until 22:30)
 - ❑ IDA3 during 21:40 – 22:20 (in exceptional situations until 22:30),

the possibility of cross-border trading on IM will be **suspended** for all traded periods of the day of delivery at the ongoing IDA*, for these periods it will be possible to trade only within the Czech Republic. Periods not traded at the ongoing IDA can be traded without change (including cross-border trading) even during the organization of the ongoing IDA.

*i.e. at the beginning of the organization of a given IDA, the allocation of cross-border capacities within SIDC will be suspended for all periods of the day of delivery traded at the given IDA. After the end of the given IDA, the cross-border capacities within SIDC will be updated and the allocation will be resumed again.



- ❑ **The opening for submitting orders** at the individual IDAs will always occur one hour after the closure of the previous IDA:
 - ❑ for **IDA1** the opening for submitting orders at **11:00 D-1**
(traded periods 00 – 24 on D, the closure of IDA1 at 15:00 D-1)
 - ❑ for **IDA2** the opening for submitting orders at **16:00 D-1**
(traded periods 00 – 24 on D, the closure of IDA2 at 22:00 D-1)
 - ❑ for **IDA3** the opening for submitting orders at **23:00 D-1**
(traded periods 12-24 on D, the closure of IDA3 at 10:00 D)

thus, there will be no parallel submission of orders at multiple IDAs

- ❑ Derivative orders will not be supported
- ❑ It will not be able to submit orders via PXE (not even spot)

Types of orders offered at IDAs:

Standar order (divisible by volume)

- Max. number of segments:
 - when entering manually in CS OTE, max. 5 segments
 - when importing XML into CS OTE, max. 25 segments
 - within the AC sending XML with max. 25 segments
- Within AC and during XML import, multiple orders can be entered at once

Profile block order

- Divisibility of the order - for the profile block order, it will be possible to indicate the required minimum level of the matched quantity in each period of the block order in percentages, the range of the allowed values will be specified based on the results of testing (assumed range is 10 - 100%)

Exclusive group of profile block orders*

Linked profile block orders*

Granularity of orders at IDAs:

Until 30/06/2024, it will be possible to submit orders with only 60-min. granularity

From 01/07/2024, it will be possible to submit orders with only 15-min. granularity

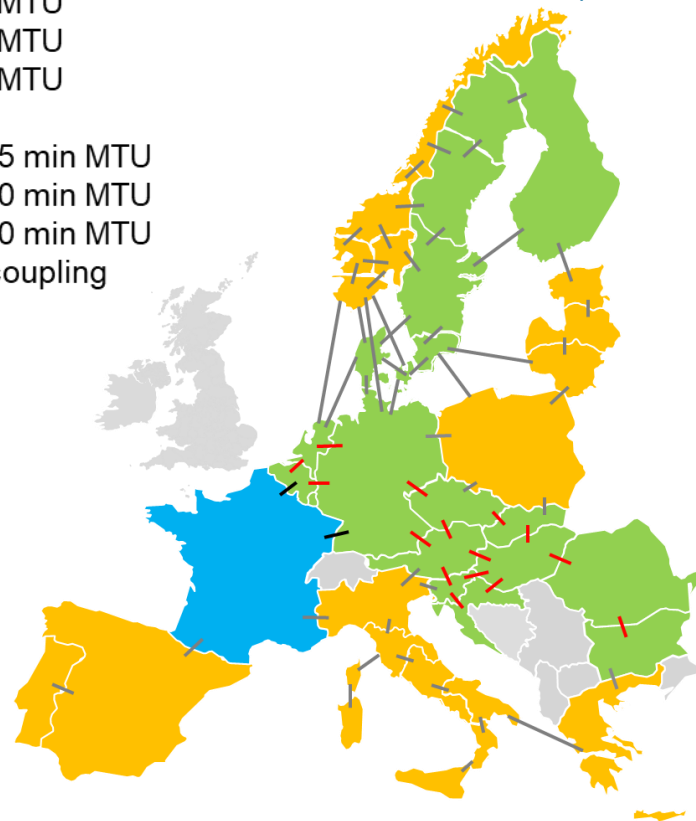
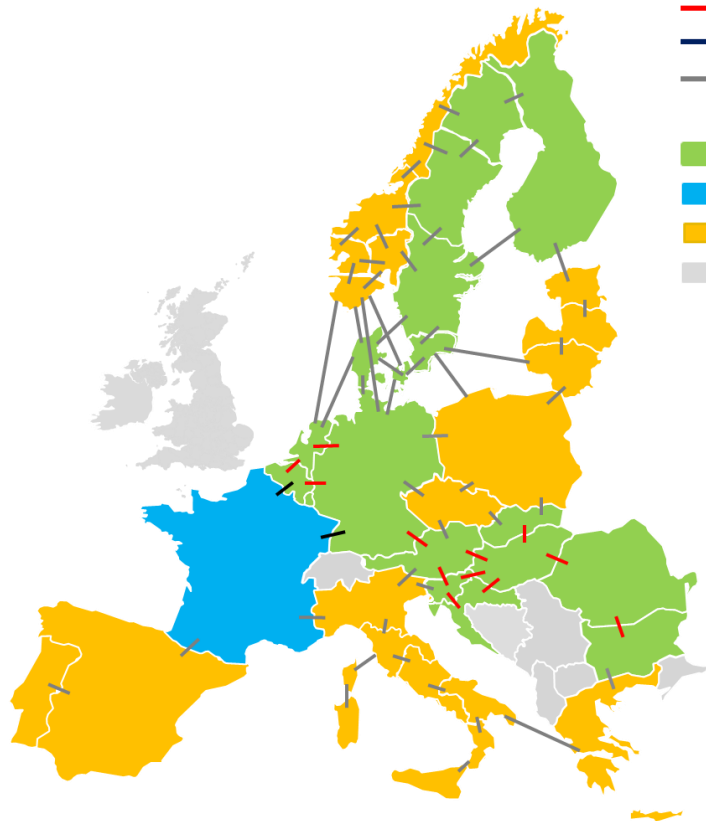
- The reason for supporting only one granularity of orders at IDA within one bidding zone is to ensure sufficient performance of IDA – with regards to the need to have the shortest possible period of suspension of cross-border trading on IM, it is desirable that the calculation time of IDA results is also as short as possible (the decision to support only one granularity within one bidding zone was thus the only way to achieve the sufficient performance of IDA, while meeting all other conditions and requirements)

5.6 Intraday Auction – Resolution of Bidding Zones and Borders

The resolution of the individual bidding zones across Europe and on borders between them from IDA Go-Live (14/06/2024)

From 01/07/2024 there will be the switch in the Czech Republic to 15-min. resolution (with the changes to the following borders: CZ-DE, SK-CZ, CZ-AT)

- Border on 15 min MTU
- Border on 30 min MTU
- Border on 60 min MTU
- Bidding zone on 15 min MTU
- Bidding zone on 30 min MTU
- Bidding zone on 60 min MTU
- Not part of SIDC coupling



- ❑ IDA will be available within **the OTE web portal and through AC**
 - ❑ There will be a **new framework** within CS OTE, which will be used for **IDAs (as well as for DM** – see the 3rd chapter of this presentation), it will not be a separate new application
 - ❑ The user interface is fully processed by the browser, where the entire web application runs as a client program in the browser
 - ❑ Uploading orders enabled via:
 - Manual entry into the form
 - Copy-paste into the form
 - Upload an XML file
 - ❑ The main changes for AC are listed in the final summary of this presentation (Chapter 7.6)
- ❑ Mobile app is currently not being considered for IDA
- ❑ Documentation for AC messages is available here:
https://www.ote-cr.cz/en/documentation/electricity-documentation/d1-4-4_format_messages_xml_dm-ida-soi-fs-cds-rrd_b_en.pdf
- ❑ The new XML specifications (XSD templates), including the CIM standard, are available here:
https://www.ote-cr.cz/en/documentation/electricity-documentation/d1-4-2_xsd_sablony_dt-ida-zo-fz_v2-0-1.zip
- ❑ Other important information can be found here:
<https://www.ote-cr.cz/en/documentation/electricity-documentation/information-to-switch-to-15-min-interval>

5.7 Intraday Auction – Framework and Documentation



□ New trading screen:

OTE Test 07/02/2024 13:01:01
Electricity Gas
Oliver TESTOVACI SZ2

← Back

Q Search

IDA

IDA – trading

Reports

- Orders by delivery day
- Linked PBO orders
- Orders canceled by system
- Orders rejected for matching
- Bidding zone prices
- Indexes
- Results Overview
- Results by participant
- Results by orders
- Flows – areas
- Flows – NEMO
- Capacity data

IDA / IDA – trading

Intraday auctions - overview

Delivery day	GCT	Name	Status	OTE IDA Index (EUR/MWh)			Price (EUR/MWh)		Volume (MWh)
				BASE	PEAK	OFFPEAK	Min	Max	Total
06/02/2024	05/02/2024 14:00	IDA1	Revoked						
06/02/2024	05/02/2024 16:00	IDA2	Closed						
06/02/2024	06/02/2024 09:00	IDA3	Closed						
07/02/2024	06/02/2024 14:00	IDA1	Revoked						
07/02/2024	06/02/2024 16:00	IDA2	Revoked						
07/02/2024	07/02/2024 09:00	IDA3	Closed						
08/02/2024	07/02/2024 14:00	IDA1	Open						
08/02/2024	07/02/2024 16:00	IDA2	NotOpen						
08/02/2024	08/02/2024 09:00	IDA3	NotOpen						

List of orders

Delivery day	Auction	Type	OrdCtg	Grp	Resolution	Ver	OrdID	LinkTo	Comment	Volume (MWh)	Mi (EUR)
08/02/2024	IDA1	Buy	STD		60 min	1	25934			120.0	
08/02/2024	IDA1	Sell	STD		60 min	1	25935			60.0	
08/02/2024	IDA1	Buy	STD		60 min	1	25936			30.0	
08/02/2024	IDA1	Sell	STD		60 min	1	25937			1.0	
08/02/2024	IDA1	Buy	STD		60 min	1	25938			1.0	
08/02/2024	IDA1	Buy	STD		60 min	1	25974			150.0	
08/02/2024	IDA1	Buy	PBO		60 min	1	25975			936.0	
08/02/2024	IDA1	Buy	PBO		60 min	1	25976			936.0	
08/02/2024	IDA1	Buy	PBO		60 min	1	25977			936.0	
08/02/2024	IDA1	Sell	STD		60 min	1	25978			396.0	
08/02/2024	IDA1	Sell	STD		60 min	1	25979			180.0	
08/02/2024	IDA1	Sell	STD		60 min	1	25980			266.0	

Audit log

Time	Severity	Visibility	Description
07/02/2024 10:30:00	Info	Public	IDA1 auction opened
07/02/2024 09:00:01	Info	Public	IDA3 auction closure
06/02/2024 18:30:00	Info	Public	IDA3 auction opened
06/02/2024 16:43:11	Warning	Public	IDA2 auction revoked
06/02/2024 16:00:00	Info	Public	IDA2 auction closure
06/02/2024 15:30:00	Info	Public	IDA2 auction opened
06/02/2024 14:18:40	Warning	Public	IDA1 auction revoked

Order for 08/02/2024 - IDA1, Buy

Order category: STD PBO

Order type: Buy Sell

Period resolution: 60 min 15 min

Delivery day: 08/02/2024

Settlement currency: EUR

Order ID: [] Version: []

Auction: IDA1

Default settlement currency: EUR

Check for fin. security: Immediately

Participant: 8591824999905 - TESTOVA...

5.7 Intraday Auction – Framework and Documentation

❑ New design of CS OTE:

Order for 08/02/2024 - IDA1, Buy

Header

* Order category: STD PBO

* Order type: Buy Sell

* Period resolution: 60 min 15 min

Delivery day: 08/02/2024

* Settlement currency: EUR

Order ID:

Version:

Auction: IDA1

Default settlement currency: EUR

Check for fin. security: Immediately

Comment:

Participant: 8591824999905 - TESTOVA...

Detail

Period	Segment 1		Segment 2	
	Volume	Price	Volume	Price
00 - 01	10.0	80.00	10.0	120.00
01 - 02	15.0	80.00	15.0	120.00
02 - 03	15.0	80.00	15.0	120.00
03 - 04	15.0	90.00	15.0	120.00
04 - 05	15.0	90.00	15.0	120.00
05 - 06	15.0	120.00	15.0	120.00
06 - 07	15.0	120.00	15.0	120.00
07 - 08	15.0	120.00	15.0	120.00
08 - 09	15.0	120.00	15.0	120.00
09 - 10	15.0	120.00	15.0	120.00
10 - 11	15.0	120.00	15.0	120.00
11 - 12	15.0	120.00	15.0	120.00

Buttons: Cancel, Submit modification, Create new



Order for 08/02/2024 - IDA1, Sell

Header

* Order category: STD PBO

* Order type: Buy Sell

* Period resolution: 60 min 15 min

Delivery day: 08/02/2024

* Settlement currency: EUR

Order ID:

Version:

Auction: IDA1

Default settlement currency: EUR

Check for fin. security: Immediately

Exclusive group ID:

Participant: 8591824999905 - TESTOVA...

Detail

Range	Block 1	Block 2	Block 3
	Volume (MW)	Volume (MW)	Volume (MW)
00 - 01	10.0	80.0	
01 - 02	15.0	80.0	
02 - 03	15.0	80.0	

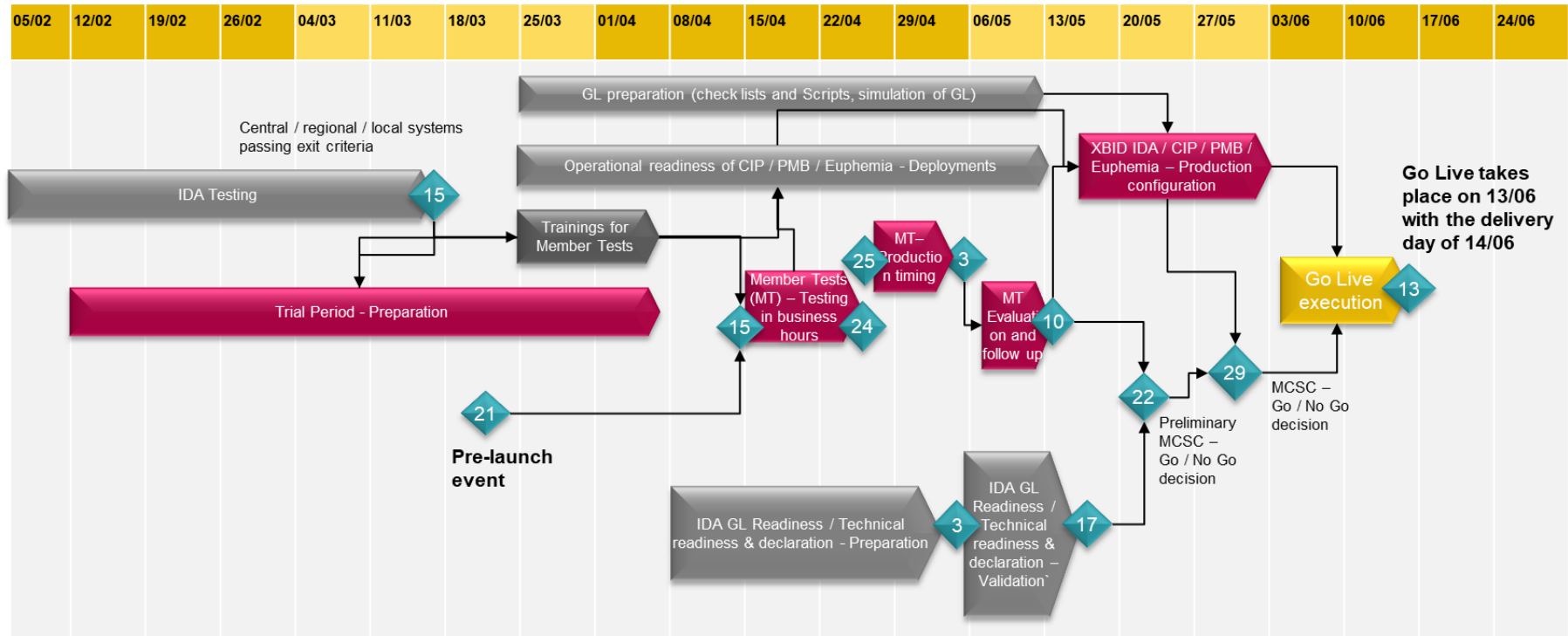
Buttons: Cancel, Submit modification, Create new

- ❑ **Testing of IDAs with MPs is planned for 15/04/2024 – 03/05/2024 (max till 10/05/2024)**
- ❑ More details on testing are given in the final summary of this presentation (Chapters 7.2 - 7.4)

- ❑ **IDA Go-Live** is currently planned for the **delivery day of 14/06/2024** (deployment into the system on 12/06/2024 in the evening, trading day on 13/06/2024), i.e. the **first IDA will be IDA1 at 15:00 on 13/06/2024** (for the delivery day of 14/06/2024) **with 60-min. orders only**
 - 👉 The launch will be coordinated with the European NEMOs and TSOs!

- ❑ **On 30/06/2024 at 15:00**, the first IDA1 will take place for the delivery day of 01/07/2024, for which it will **only** be possible to submit **orders with 15-min. granularity**

5.8 Intraday Auction – Testing Timeline and Go-Live



□ Testing of IDAs with MPs (Member Tests) is planned for the period of 3 weeks starting from 15. 4. 2024 with two different timing arrangements:

- Office hour timing: 15. – 19. 4. and 22. – 24. 4. 2024
 - IDA3: 09:00
 - IDA1: 14:00
 - IDA2: 16:00
- Production like timing: 25. – 26. 4. and 29. 4 – 3. 5. 2024
 - IDA3: 10:00
 - IDA1: 15:00
 - IDA2: 22:00

❑ IDA testing

- ❑ The access to IDA testing (IDA activity and role) will be enabled by default to all users who currently have a valid activity on DM or IM
 - ❑ MP can freely change the access (activity *IDA Market*) through the user with the role named *Managing your own data RÚT (proposal to insert a person)*, in Czech *Správa vlastních údajů RÚT (návrh na vložení osoby)*, i.e. admin
- ❑ Settlement currency and Bank account for IDA testing will be set for MPs by default according to the setting of the relevant MP on IM (MP can freely change)

❑ IDA production

- ❑ The access to IDA production (IDA activity and role) will be enabled by default to all users who currently have a valid activity on IM
 - ❑ MP can freely change the access (activity *IDA Market*) through the user with the role named *Managing your own data RÚT (proposal to insert a person)*, in Czech *Správa vlastních údajů RÚT (návrh na vložení osoby)*, i.e. admin
- ❑ Settlement currency and Bank account for IDA production will be set for MPs by default according to the setting of the relevant MP on IM (MP can freely change)

- ❑ We would like to invite all MPs to the IDA Pre-launch event organized by MCSC project, where information related to IDA implementation and testing will be presented

on Thursday 21st March 2024 from 9:30 till 13:00 (online in ENG)

- ❑ [Agenda](#) with [the registration link](#) is available on the NEMO Committee website
- ❑ Invitation letter to the event [here](#)
- ❑ [Information Package About Intraday Auction](#) - in ENG

6. Introduction of 15-min. period in Settlement of Imbalances and Markets

- ❑ **13/06/2024** – new framework of the **Settlement of imbalances and short-term markets** will be launched into production CS OTE system (along with IDA Go-Live). **Imbalance settlement period remains in 60-min. resolution.**
- ❑ **01/07/2024** (delivery day) and onwards - **Settlement of IM and IDA** will be performed in **15-min resolution**. Settlement of DM remains in 60-min. resolution.
- ❑ **01/07/2024** (delivery day) and onwards – **Imbalance settlement** will be performed in **15-min. resolution**
- ❑ Q1/2025 (exact date will be specified later) - **Settlement of DM** will be performed in **15-min resolution**

- ❑ For data before the change of the Imbalance Settlement Period (delivery day prior to 01/07/2024), the periods will be displayed in hourly resolution
- ❑ For data from 01/07/2024 and onwards, the periods will be displayed in quarter-hourly resolution (excluding DM settlement results)

Introduction of 15-min. period in Settlement of Imbalances and Markets

- ❑ Instead of the existing period index, the period will newly be marked as a specific time period, e.g. 01:45-02:00
- ❑ Quantities will be given in MWh **with 5 decimal places:**
 - ❑ Data RRD
 - ❑ Data Measurements
 - ❑ Data RE
 - ❑ Imbalance settlement results

- ❑ Quantities will be given in MWh **with 3 decimal places:**
 - ❑ Markets data

- ❑ Conversion of time-periods from columns to rows
- ❑ More complex reports will be divided into several sub-reports (i.e. tabs of one report), which will be shown in the following slides

Final Plan – data presentation

- ❑ Final Plan includes aggregated IDA results in the corresponding dimensions: delivery date, RMP, buy/sell, settlement currency
- ❑ Final Plan will newly state only the final closed volume trading position (amount in MWh) aggregated according to the dimensions of the Final Plan for the given market or area.
- ❑ Data are available after the publication of the results (DM, IDA) or after the aggregation process of the market (IM, RRD)
- ❑ Trades that have not yet been included in the market aggregation process are not visible in the Final Plan
- ❑ The report displays data for individual areas in 4 dedicated tabs (sub-reports) for the area DM, IDA, IM and RRD

6.3 Introduction of 15-min. period in Settlement of Imbalances and Market – Data presentation – Final Plan



Final Plan – Day-ahead Market data presentation

Hourly resolution

11/03/2024 13:16:32
Electricity Gas 888810 88885

[Settlement / Reports / Final plan](#)

Final plan

[Day ahead market](#)
[Intraday auction](#)
[Intraday market](#)
[Realization diagrams](#)

Parameters

Delivery day from-to:

|

📅

Delivery period:

Version:

Retrieve
Reset

Table with results ↓ ☰ ⚙️

Delivery day	Period	Buy	Buy – OTE		Buy – PXE		Sell	Sell – OTE		Sell – PXE	
		Total (MWh)	SPT-CZK (MWh)	SPT-EUR (MWh)	SPT-EUR (MWh)	DER-EUR (MWh)	Total (MWh)	SPT-CZK (MWh)	SPT-EUR (MWh)	SPT-EUR (MWh)	DER-EUR (MWh)
09/02/2024	00 - 01	2.000	0.000	2.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09/02/2024	01 - 02	2.000	0.000	2.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09/02/2024	02 - 03	152.000	0.000	2.000	0.000	150.000	150.000	0.000	0.000	0.000	150.000
09/02/2024	03 - 04	202.000	0.000	2.000	0.000	200.000	200.000	0.000	0.000	0.000	200.000
09/02/2024	04 - 05	102.000	0.000	2.000	0.000	100.000	100.000	0.000	0.000	0.000	100.000
09/02/2024	05 - 06	101.000	0.000	1.000	0.000	100.000	100.000	0.000	0.000	0.000	100.000
09/02/2024	06 - 07	101.000	0.000	1.000	0.000	100.000	100.000	0.000	0.000	0.000	100.000
09/02/2024	07 - 08	101.000	0.000	1.000	0.000	100.000	100.000	0.000	0.000	0.000	100.000
09/02/2024	08 - 09	1.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09/02/2024	09 - 10	1.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09/02/2024	10 - 11	105.900	0.000	105.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09/02/2024	11 - 12	105.900	0.000	105.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000
09/02/2024	12 - 13	453.000	0.000	303.000	0.000	150.000	150.000	0.000	0.000	0.000	150.000
09/02/2024	13 - 14	603.000	0.000	403.000	0.000	200.000	200.000	0.000	0.000	0.000	200.000

A total of 24 entries < 1 2 > Go to page

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6.3 Introduction of 15-min. period in Settlement of Imbalances and Market – Data presentation – Final Plan



Final Plan – Intraday Auction data presentation

- Hourly resolution until June 30, 2024 (starting from June 13, 2024)
- 15-min. resolution starting from July 1, 2024

OTE
11/03/2024 13:29:12
Electricity Gas
88810 88885

Search

Settlement / Reports / Final plan

Final plan

Day ahead market Intraday auction Intraday market Realization diagrams

Parameters

Delivery day from-to: 25/07/2023 25/07/2023 Delivery period: All Version: Actual data **Retrieve** Reset

Table with results

Delivery day	Period	Buy			Sell		
		Total (MWh)	Quantity per CZK (MWh)	Quantity per EUR (MWh)	Total (MWh)	Quantity per CZK (MWh)	Quantity per EUR (MWh)
25/07/2023	12 - 13	204.100	23.500	180.600	0.000	0.000	0.000
25/07/2023	13 - 14	5,194.500	5,015.600	178.900	0.000	0.000	0.000
25/07/2023	14 - 15	5,351.000	5,015.600	335.400	0.000	0.000	0.000
25/07/2023	15 - 16	5,155.900	5,015.600	140.300	0.000	0.000	0.000
25/07/2023	16 - 17	5,155.900	5,015.600	140.300	0.000	0.000	0.000
25/07/2023	17 - 18	5,015.600	5,015.600	0.000	0.000	0.000	0.000
25/07/2023	18 - 19	5,015.600	5,015.600	0.000	0.000	0.000	0.000
25/07/2023	19 - 20	5,125.900	5,015.600	110.300	0.000	0.000	0.000
25/07/2023	20 - 21	110.300	0.000	110.300	0.000	0.000	0.000
25/07/2023	21 - 22	110.300	0.000	110.300	0.000	0.000	0.000

A total of 10 entries < 1 > Go to page

6.3 Introduction of 15-min. period in Settlement of Imbalances and Market – Data presentation – Final Plan



Final Plan – RRD data presentation (Realization diagrams presentation)

- Hourly resolution until June 30, 2024
- 15-min. resolution starting from July 1, 2024

OTE
11/03/2024 13:55:07
Electricity Gas
888810 8885

Settlement / Reports / Final plan

⌵

- Main page
- Favorites
- DM
- VDT
- CDS
- ERD
- Settlement
- Reports
- Trade balance
- Final plan**
- Balancing energy
- Aggregated metering
- LP reconciliation
- Settlement results
- Breakdown of settlement results
- BE settlement breakdown
- State of emergency
- Daily payments
- Settlement prices and their origin
- OTE final rates
- Settlement fees

Final plan

Day ahead market
Intraday auction
Intraday market
Realization diagrams

Parameters

Delivery day from-to:

Delivery period:

All

Version:

Actual data

Retrieve

⌵ ⌵ ⌵ ⌵ ⌵

⌵ ⌵ ⌵ ⌵ ⌵

Table with results

Delivery day	Period	Buy			Sell		
		Total (MWh)	Domestic (MWh)	External (MWh)	Total (MWh)	Domestic (MWh)	External (MWh)
03/01/2023	00 - 01	3,765.80000	40.00000	3,725.80000	738.90000	0.00000	738.90000
03/01/2023	01 - 02	3,502.10000	40.00000	3,462.10000	621.40000	0.00000	621.40000
03/01/2023	02 - 03	2,796.30000	40.00000	2,756.30000	727.40000	0.00000	727.40000
03/01/2023	03 - 04	2,669.70000	40.00000	2,629.70000	580.40000	0.00000	580.40000
03/01/2023	04 - 05	2,824.80000	40.00000	2,784.80000	631.20000	0.00000	631.20000
03/01/2023	05 - 06	3,079.20000	40.00000	3,039.20000	302.20000	0.00000	302.20000
03/01/2023	06 - 07	3,155.10000	40.00000	3,115.10000	951.30000	0.00000	951.30000
03/01/2023	07 - 08	2,844.70000	40.00000	2,804.70000	885.20000	0.00000	885.20000
03/01/2023	08 - 09	2,742.80000	40.00000	2,702.80000	994.90000	0.00000	994.90000
03/01/2023	09 - 10	2,854.50000	40.00000	2,814.50000	852.40000	0.00000	852.40000
03/01/2023	10 - 11	3,145.30000	40.00000	3,105.30000	739.70000	0.00000	739.70000
03/01/2023	11 - 12	3,198.10000	40.00000	3,158.10000	912.50000	0.00000	912.50000
03/01/2023	12 - 13	3,026.20000	40.00000	2,986.20000	1,121.60000	0.00000	1,121.60000
03/01/2023	13 - 14	3,100.60000	40.00000	3,060.60000	1,395.00000	0.00000	1,395.00000
03/01/2023	14 - 15	3,473.90000	40.00000	3,433.90000	1,310.70000	0.00000	1,310.70000

A total of 24 entries

< 1 2 >
Go to page

Trade balance – data presentation

- ❑ A new report as a supplement to the Final Plan
- ❑ The report is used to check the current state of the participant's total volume position (amount primarily in MW, in the report also conversion to MWh)
- ❑ In the case of the auction markets (DM and IDA), the report also includes the closed part of the trading position, aggregated from the complete available data intended for the calculation of the Final Plan
- ❑ In the case of IM and RRD, the report also contains position aggregated from data provided directly by the source module (current data)
- ❑ Data are available in the report only starting from the delivery day that is later than or equal to the day preceding the current calendar day (i.e. from the day D-1, i.e. data are available for the period from yesterday to the future).
- ❑ Data aggregation level: delivery day, RMP, buy/sell
- ❑ Period resolution:
 - ❑ until June 30, 2024 – 60-min. resolution;
 - ❑ from July 1, 2024 onwards – 15-min. resolution including DM (in the case of DM - data will be recalculated from 60-min. resolution)

6.4 Introduction of 15-min. period in Settlement of Imbalances and Market – Data presentation – Trade Balance



11/03/2024 14:42:43
Electricity Gas

Settlement / Reports / Trade balance

Trade balance

Parameters

Delivery day from-to: | Delivery period: Retrieve Reset

Table with results

Delivery day	Period	Total		Daily market		Intraday auction		Intraday market		Realization diagrams		Total		Daily market		Intraday
		Buy (MW)	Sell (MW)	Buy (MW)	Sell (MW)	Buy (MW)	Sell (MW)	Buy (MW)	Sell (MW)	Buy (MW)	Sell (MW)	Buy (MWh)	Sell (MWh)	Buy (MWh)	Sell (MWh)	Buy (MWh)
11/03/2024	16:00 - 16:15	84.000	91.500	0.000	0.000	0.000	0.000	84.000	91.500	0.000	0.000	21.00000	22.87500	0.00000	0.00000	0.00000
11/03/2024	16:00 - 16:15	91.500	84.000	0.000	0.000	0.000	0.000	91.500	84.000	0.000	0.000	22.87500	21.00000	0.00000	0.00000	0.00000
11/03/2024	16:15 - 16:30	84.000	91.500	0.000	0.000	0.000	0.000	84.000	91.500	0.000	0.000	21.00000	22.87500	0.00000	0.00000	0.00000
11/03/2024	16:15 - 16:30	91.500	84.000	0.000	0.000	0.000	0.000	91.500	84.000	0.000	0.000	22.87500	21.00000	0.00000	0.00000	0.00000
11/03/2024	16:30 - 16:45	84.000	91.500	0.000	0.000	0.000	0.000	84.000	91.500	0.000	0.000	21.00000	22.87500	0.00000	0.00000	0.00000
11/03/2024	16:30 - 16:45	91.500	84.000	0.000	0.000	0.000	0.000	91.500	84.000	0.000	0.000	22.87500	21.00000	0.00000	0.00000	0.00000
11/03/2024	16:45 - 17:00	84.000	91.500	0.000	0.000	0.000	0.000	84.000	91.500	0.000	0.000	21.00000	22.87500	0.00000	0.00000	0.00000
11/03/2024	16:45 - 17:00	91.500	84.000	0.000	0.000	0.000	0.000	91.500	84.000	0.000	0.000	22.87500	21.00000	0.00000	0.00000	0.00000
11/03/2024	17:00 - 17:15	84.000	121.500	0.000	0.000	0.000	0.000	84.000	121.500	0.000	0.000	21.00000	30.37500	0.00000	0.00000	0.00000
11/03/2024	17:00 - 17:15	121.500	84.000	0.000	0.000	0.000	0.000	121.500	84.000	0.000	0.000	30.37500	21.00000	0.00000	0.00000	0.00000
11/03/2024	17:15 - 17:30	84.000	121.500	0.000	0.000	0.000	0.000	84.000	121.500	0.000	0.000	21.00000	30.37500	0.00000	0.00000	0.00000
11/03/2024	17:15 - 17:30	121.500	84.000	0.000	0.000	0.000	0.000	121.500	84.000	0.000	0.000	30.37500	21.00000	0.00000	0.00000	0.00000
11/03/2024	17:30 - 17:45	84.000	121.500	0.000	0.000	0.000	0.000	84.000	121.500	0.000	0.000	21.00000	30.37500	0.00000	0.00000	0.00000
11/03/2024	17:30 - 17:45	121.500	84.000	0.000	0.000	0.000	0.000	121.500	84.000	0.000	0.000	30.37500	21.00000	0.00000	0.00000	0.00000
11/03/2024	17:45 - 18:00	84.000	121.500	0.000	0.000	0.000	0.000	84.000	121.500	0.000	0.000	21.00000	30.37500	0.00000	0.00000	0.00000
11/03/2024	17:45 - 18:00	121.500	84.000	0.000	0.000	0.000	0.000	121.500	84.000	0.000	0.000	30.37500	21.00000	0.00000	0.00000	0.00000
11/03/2024	18:00 - 18:15	99.000	0.000	0.000	0.000	0.000	0.000	99.000	0.000	0.000	0.000	24.75000	0.00000	0.00000	0.00000	0.00000

A total of 24 entries < 1 2 > Go to page

Settlement results – Data presentation:

- ❑ Current title of this report: Settlement result
- ❑ The report shows the settlement results aggregated at the delivery day detail level (15 or 60-min.)
- ❑ This report will be newly divided into 2 tabs (sub-reports), the first one for the Market Settlement area and the second one for the Imbalance Settlement area
- ❑ For participants, who are SuperBRP, the content of the Imbalance Settlement sub-report will newly include additional records of the magnitude of the imbalance for each subordinate BRP (but excluding financial data)

6.5 Introduction of 15-min. period in Settlement of Imbalances and Market – Data presentation – Settlement results



OTE
11/03/2024 14:13:29
Electricity Gas
888810
88885

Search

Settlement / Reports / Settlement results

Settlement results

Markets Imbalances

Parameters

Delivery day from-to: 19/01/2024 19/01/2024 Settlement version: All Settlement item: All Retrieve Reset

Table with results

Delivery day	Settlement item	System	Currency	BALANCE – Total		BUY – Total		BUY – Payable		BUY – Receivable		SELL – Total		SELL – Payable		Volume (M)
				Volume (MWh)	Amount	Volume (MWh)	Amount	Volume (MWh)	Amount	Volume (MWh)	Amount	Volume (MWh)	Amount	Volume (MWh)	Amount	
19/01/2024	DM fee		CZK	3,047.900	-3,017.42							3,047.900	-3,017.42	3,047.900	3,017.42	
19/01/2024	DM – SPT	OTE	EUR	-1,047.900	-10,051.28	-1,047.900	-10,051.28	1,047.900	10,051.28							
19/01/2024	PXE DM – DER	PXE	EUR	-100.000	-960.00	-1,050.000	-10,066.00	1,050.000	10,066.00			950.000	9,106.00			

A total of 3 entries < 1 > Go to page

- Trade balance
- Final plan
- Balancing energy
- Aggregated metering
- LP reconciliation
- Settlement results
- Breakdown of settlement results
- BE settlement breakdown
- State of emergency
- Daily payments
- Settlement prices and their origin
- OTE final rates

Breakdown of Settlement Results – data presentation:

- ❑ Current title of this report: Hourly Breakdown of Settlement Results
- ❑ Settlement results at the highest level of delivery period detail, i.e. from July 1, 2024 inclusive, everything will be displayed in 15-min. resolution, the only exception is DM, which will be in 60-min. resolution
- ❑ This report will be newly divided into 3 tabs (sub-reports), for the areas of Markets Settlement, Imbalances Settlement and the newly added tab called **Imbalances – sources** (displaying measurement data, trading position, imbalance and counter-imbalance clearing price, and system imbalance)
- ❑ For participants, who are SuperBRP, the content of the Imbalances settlement sub-report will newly include additional records of the magnitude of the imbalances for each subordinate BRP (but excluding financial data)

6.6 Introduction of 15-min. period in Settlement of Imbalances and Market – Data presentation – Breakdown of Settlement Results



tab „Markets“:

☰ OTE
11/03/2024 14:18:12
Electricity Gas
888810 88885

Search

Settlement / Reports / Breakdown of settlement results

Breakdown of settlement results

Markets Imbalances Imbalances - sources

Parameters

Delivery day from-to: 19/01/2024 19/01/2024 Delivery period: All Settlement version: All Settlement item: All Retrieve Reset

Table with results

Delivery day	Period	Settlement item	System	Currency	BALANCE - Total		BUY - Total		BUY - Payable		BUY - Receivable		SELL - Total		SELL - Payabl	
					Volume (MWh)	Amount	Volume (MWh)	Amount	Volume (MWh)	Amount	Volume (MWh)	Amount	Volume (MWh)	Amount	Volume (MWh)	Amount
19/01/2024	00 - 01	DM fee		CZK	2.000	-1.98							2.000	-1.98		2.000
19/01/2024	00 - 01	DM - SPT	OTE	EUR	-2.000	-19.16	-2.000	-19.16	2.000	19.16						
19/01/2024	01 - 02	DM fee		CZK	2.000	-1.98							2.000	-1.98		2.000
19/01/2024	01 - 02	DM - SPT	OTE	EUR	-2.000	-19.16	-2.000	-19.16	2.000	19.16						
19/01/2024	02 - 03	DM fee		CZK	302.000	-298.98							302.000	-298.98		302.000
19/01/2024	02 - 03	DM - SPT	OTE	EUR	-2.000	-19.16	-2.000	-19.16	2.000	19.16						
19/01/2024	02 - 03	PXE DM - DER	PXE	EUR	0.000	0.00	-150.000	-1,437.00	150.000	1,437.00			150.000	1,437.00		
19/01/2024	03 - 04	DM fee		CZK	402.000	-397.98							402.000	-397.98		402.000
19/01/2024	03 - 04	DM - SPT	OTE	EUR	-2.000	-19.16	-2.000	-19.16	2.000	19.16						
19/01/2024	03 - 04	PXE DM - DER	PXE	EUR	0.000	0.00	-200.000	-1,916.00	200.000	1,916.00			200.000	1,916.00		
19/01/2024	04 - 05	DM fee		CZK	202.000	-199.98							202.000	-199.98		202.000
19/01/2024	04 - 05	DM - SPT	OTE	EUR	-2.000	-19.16	-2.000	-19.16	2.000	19.16						
19/01/2024	04 - 05	PXE DM - DER	PXE	EUR	0.000	0.00	-100.000	-958.00	100.000	958.00			100.000	958.00		
19/01/2024	05 - 06	DM fee		CZK	201.000	-198.99							201.000	-198.99		201.000

A total of 49 entries < 1 2 3 4 > Go to page

6.6 Introduction of 15-min. period in Settlement of Imbalances and Market – Data presentation – Breakdown of Settlement Results



tab „Imbalances“:

☰ OTE
11/03/2024 14:35:48
Electricity Gas
🏠 📧 📄 📅 888910 88885

Main page

Favorites

DM

IDA

VDT

CDS

ERD

Settlement

Reports

Trade balance

Final plan

Balancing energy

Aggregated metering

LP reconciliation

Settlement results

Breakdown of settlement results

BE settlement breakdown

State of emergency

Daily payments

Settlement prices and their origin

OTE final rates

Settlement / Reports / Breakdown of settlement results

Breakdown of settlement results

Markets **Imbalances** Imbalances - sources

Parameters

Delivery day from-to: 01/01/2023 10/03/2024 Delivery period: All Settlement version: Daily settlement of imbalances Settlement item: All Retrieve Reset

Table with results

Delivery day	Period	Settlement item	System	Currency	BALANCE - Total		BUY - Total		BUY - Payable		BUY - Receivable		SELL - Total	
					Volume (MWh)	Amount	Volume (MWh)	Amount	Volume (MWh)	Amount	Volume (MWh)	Amount	Volume (MWh)	Amount
01/01/2023	00 - 01	Imbalance negative		CZK	-424.03400	52,362,788.33	-424.03400	52,362,788.33			424.03400	52,362,788.33		
01/01/2023	01 - 02	Imbalance negative		CZK	-426.80700	0.00	-426.80700	0.00	426.80700	0.00				
01/01/2023	02 - 03	Imbalance negative		CZK	-411.34900	112,553.31	-411.34900	112,553.31			411.34900	112,553.31		
01/01/2023	03 - 04	Imbalance negative		CZK	-390.85000	506,002.23	-390.85000	506,002.23			390.85000	506,002.23		
01/01/2023	04 - 05	Imbalance negative		CZK	-374.52300	364,564.43	-374.52300	364,564.43			374.52300	364,564.43		
01/01/2023	05 - 06	Imbalance negative		CZK	-373.27800	71,613.38	-373.27800	71,613.38			373.27800	71,613.38		
01/01/2023	06 - 07	Imbalance negative		CZK	-375.51000	309,311.34	-375.51000	309,311.34			375.51000	309,311.34		
01/01/2023	07 - 08	Imbalance negative		CZK	-396.12700	480,490.17	-396.12700	480,490.17			396.12700	480,490.17		
01/01/2023	08 - 09	Imbalance negative		CZK	-397.84400	1,776,166.58	-397.84400	1,776,166.58			397.84400	1,776,166.58		
01/01/2023	09 - 10	Imbalance negative		CZK	-414.34100	1,138,194.73	-414.34100	1,138,194.73			414.34100	1,138,194.73		
01/01/2023	10 - 11	Imbalance negative		CZK	-438.86700	923,398.11	-438.86700	923,398.11			438.86700	923,398.11		
01/01/2023	11 - 12	Imbalance negative		CZK	-463.56100	667,258.97	-463.56100	667,258.97			463.56100	667,258.97		
01/01/2023	12 - 13	Imbalance negative		CZK	-496.04600	833,873.17	-496.04600	833,873.17			496.04600	833,873.17		
01/01/2023	13 - 14	Imbalance negative		CZK	-495.65500	739,041.43	-495.65500	739,041.43			495.65500	739,041.43		

A total of 24 entries < 1 2 > Go to page

6.6 Introduction of 15-min. period in Settlement of Imbalances and Market – Data presentation – Breakdown of Settlement Results



tab „Imbalances - sources“:

11/03/2024 14:52:21
Electricity Gas

Settlement / Reports / Breakdown of settlement results

Breakdown of settlement results

Markets Imbalances Imbalances - sources

Parameters

Delivery day from-to: 01/01/2023 | 10/03/2024 Delivery period: All Settlement version: Daily settlement of imbalances Retrieve Reset

Table with results

Delivery day	Period	Metering consumption (MWh)	Metering supply (MWh)	Buy total (MWh)	Sell total (MWh)	Imbalance settlement price (CZK/MWh)	Counter-imbalance settlement price (CZK/MWh)	System imbalance (MWh)
01/01/2023	00 - 01	-496.31300	72.27900	0.00000	0.00000	-126,023.08	-123,487.24	58.14400
01/01/2023	01 - 02	-502.05100	75.24400	0.00000	0.00000	-6,370.64	0.00	54.98400
01/01/2023	02 - 03	-486.29800	74.94900	0.00000	0.00000	-3,416.66	-273.62	99.79000
01/01/2023	03 - 04	-464.81600	73.96600	0.00000	0.00000	-9,020.24	-1,294.62	145.46600
01/01/2023	04 - 05	-449.35200	74.82900	0.00000	0.00000	-6,252.48	-973.41	178.17300
01/01/2023	05 - 06	-449.59800	76.32000	0.00000	0.00000	-2,644.05	-191.85	197.12100
01/01/2023	06 - 07	-453.87300	78.36300	0.00000	0.00000	-9,963.97	-823.71	144.11700
01/01/2023	07 - 08	-476.68100	80.55400	0.00000	0.00000	-5,274.84	-1,212.97	149.01000
01/01/2023	08 - 09	-479.70400	81.86000	0.00000	0.00000	-6,609.11	-4,464.48	178.00300
01/01/2023	09 - 10	-504.90900	90.56800	0.00000	0.00000	-4,377.81	-2,747.00	303.57700
01/01/2023	10 - 11	-538.14700	99.28000	0.00000	0.00000	-4,024.96	-2,104.05	364.79100
01/01/2023	11 - 12	-566.28300	102.72200	0.00000	0.00000	-5,568.55	-1,439.42	320.64300
01/01/2023	12 - 13	-596.98700	100.94100	0.00000	0.00000	-67,353.86	-1,681.04	256.76600
01/01/2023	13 - 14	-591.60700	95.95200	0.00000	0.00000	-51,841.35	-1,491.04	221.26900
01/01/2023	14 - 15	-582.63400	86.72600	0.00000	0.00000	-57,419.56	-1,682.20	194.17200

A total of 755 entries 1 2 3 4 5 ... 51 > Go to page

Information about the Settlement of Intraday Auctions:

- ❑ After the publication of the results of each IDA, FS funds that secured the submitted orders will be released on the basis of the results of the individual IDA, and only the trades created within the resulting prices will be financially secured.
- ❑ The settlement of the Intraday auctions will be triggered once a day for all three auctions dedicated to a given delivery day (i.e. for IDA1, IDA2, IDA3 at the same time), which will be done by 11 a.m. on the given delivery day
- ❑ Settlement results data will be aggregated at the delivery day level
- ❑ If an auction is cancelled, its results will not be valid or available and will therefore not be included in the settlement. The aggregated settlement results will thus contain data for the remaining successfully executed auctions for the given delivery day.
- ❑ The settlement of trades from all three auctions will take place together with the settlement of imbalances and other short-term electricity markets within the netting of the settlement of the daily evaluation.

Processes of automatic communication (AC) of the data:

- New version of templates supporting both 60-min. and 15-min. resolution
- Availability of Final Plan data via AC:
 - Final Plan data: Yes
 - Trade Balance data : No

- Message 943 - Final Plan of negotiated values
 - New profile codes for IDA
- Message 953 – Settlement Results (settlement per time-periods)
 - New profile codes for IDA
 - For SuperBRP, additional records on the magnitude of the imbalances for each subordinate BRP
- Message 963 - Settlement Results (settlement per day)
 - New profile codes for IDA
 - For SuperBRP, additional records on the magnitude of the imbalances for each subordinate BRP

7. Final Summary

7.1 Final summary – Overview of the Introduction of 15-minute Products in Short-Term Electricity Markets



	2024		2025
Imbalance Settlement Period (ISP)	60-min. ISP	15-min. ISP	
Day-ahead Market (DM)	60-min. products		15-min. and 60-min. products
Continuous Intraday Market (IM)	60-min. products	15-min. and 60-min. products	
Intraday Auction (IDA)	<div style="background-color: #cccccc; border: 1px solid black; width: 100%; height: 100%;"></div>	60-min. products	only 15-min. products
	<div style="border: 1px dashed black; padding: 2px;">Delivery Day</div>	<div style="border: 1px dashed black; padding: 2px;">14/06/2024</div>	<div style="border: 1px dashed black; padding: 2px;">Q1/2025</div>

7.2 Final Summary – Testing Timeline

□ Here is the summary of the E2E tests for Markets and Financial Security:

Anticipated test plan	
18/03/2024 – 30/05/2024	E2E tests - communication tests of the new universal 15/60min interface for data transfer via CDSDATA format (15min period) - VIA ONLY AUTOMATION COMMUNICATION, no webportal at this moment
15/04/2024 – 03/05/2024	E2E tests - new interface for markets (15/60 min period) in an already new framework - Intraday Auctions
15/04/2024 – 17/05/2024	E2E tests - NEW WEB PORTAL - PDT masterdata transfer via web portal
22/04/2024 – 30/04/2024	E2E tests - NEW WEB PORTAL - profil metering data via web portal
22/04/2024 – 03/05/2024	E2E tests - new framework and interface for the Day-Ahead Market (60 min)
06/05/2024 – 31/05/2024	E2E tests - new interface for markets (15/60 min) in an already new framework - Settlement of markets and imbalance periods (without settlement of continuous markets) - RRD (15 min) - Registration of realization diagrams (15min period)
27/05/2024 – 31/05/2024	E2E tests - Continuous Intraday Electricity Market (15/60 min)
03/06/2024 – 07/06/2024	E2E tests - Intraday Gas Market (testing changes in CS OTE, OTE-COM Gas application remains unchanged)
03/06/2024 – 28/06/2024	E2E tests - 15/60 min OTE public website
03/06/2024 – 28/06/2024	E2E tests - Financial Security (15/60 min)
01/10/2024 – 31/10/2024	E2E tests - new framework for other parts of CS OTE (RES, PID Registration, Claims, CDS-gas)
01/11/2024 – 31/12/2024	E2E tests - Day-Ahead Market (15/60 min)

□ Full list of E2E testing can be found under this [link](#)

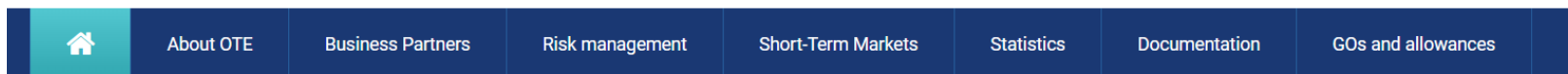
- ❑ The new **SANDBOX15 test environment with a 15-minute period** will be used for testing the presented changes, a link to the new SANDBOX15 will be available via the OTE website

The link to the new SANDBOX15 with 15-min. period will be added here



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- ❑ The necessary documentation for the new SANDBOX15 test environment with 15-min. period will be published [here](#)
- ❑ Launch of the new SANDBOX15 with 15-min. period for testing purposes is expected in early April 2024
 - ❑ The access certificates of users in the previous SANDBOX with 60-min. period were copied to the new SANDBOX15
- ❑ Existing SANDBOX with 60-min. period will be maintained until July 1, 2024

- ❑ MPs participating in testing will receive a schedule of tests in advance (timeline and facts) with requirements to ensure content (preparation of test data) and organizational parts (staffing, communication, etc.)
- ❑ MPs participating in testing will need to secure/verify the access to the SANDBOX15 test environment, update contact details and upload test certificates if applicable

- ❑ Current information on implementation and testing the 15-min. imbalance settlement and trading periods are published continuously at [Information to switch to 15 min. interval — English \(ote-cr.cz\)](#)
- ❑ Technical documentation (descriptions of interfaces and communication formats) is also available on this page



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Documentation

Information to switch to 15 min. interval

In connection with the upcoming introduction of a 15-minute billing period in the Czech Republic, to 1. 7. 2024 we would like to inform you that on 18.6.2020 there was an informative webinar where we presented **outputs from analyses of anticipated adjustments of external interfaces in connection with the transition to 15min clearing and trading interval in the Czech Republic from the perspective of the market operator.**

XSD templates and WSDL valid on CS OTE production environment from 1 February 2024.

DESCRIPTION	FILES TO DOWNLOAD
XML message formats valid from 1 February 2024	D1.4.2 XML formats
XML specifications (XSD templates) valid from 1 February 2024	D1.4.2 XSD formats
WSDL templates for automatic communication valid from 1 February 2024	D1.4.2 WSDL templates

[Setting up access to the OTE system](#)

Electricity Documentation

[Electricity Documentation](#)

[TDD Documentation](#)

[Market Documentation](#)

» [Information to switch to 15 min. interval](#)

[Documentation for SANDBOX with 15 min period](#)

[Documentation for SANDBOX with 60 min period](#)

[Gas Documentation](#)

[Current Affair Gas](#)

[Useful Information](#)

[Security Standard of Supplies](#)

❑ OTE formats for the area of markets and settlement of imbalance periods:

- existing communication scenarios will be maintained, with necessary minor structural changes to the existing ISOTEDATA, ISOTEREQ and RESPONSE message formats

❑ ISOTEDATA

- 5 new attributes
- 5 attributes will be renamed keeping their meaning
- the attribute is moved to the parent element
- 1 element and 2 attributes will be removed
- for 2 attributes, the filling method will be changed or expanded (e.g. time format, number of decimal places, unit)

❑ ISOTEREQ

- 2 attributes removed
- new attribute (for IDA needs)

❑ RESPONSE

- new attribute providing support for bulk message entry

7.6 Final Summary – Major Changes in Automatic Communication

❑ In the auction markets for the capacity data request communication scenario, the original format based on the ENTSO-E format will be replaced by the new format based on the ENTSO-E according to the CIM standard:

Current status		New status	
Document	Version	Document	Version
StatusRequest	1.1	StatusRequest_MarketDocument	4.1
CapacityDocument	3.10	Capacity_OTEMarketDocument (based on the ENTSO-E according to CIM Capacity_MarketDocument v8.1 + extension due to PTDF)	8.1
AcknowledgementDocument	5.0	Acknowledgement_MarketDocument	8.1

❑ Existing communication scenarios will remain for the area of Realization Diagrams, however, the original format based on the ENTSO-E format will be replaced by a new format based on the ENTSO-E according to the CIM standard:

Current status		New status	
Document	Version	Document	Version
AcknowledgementDocument	5.0	Acknowledgement_MarketDocument	8.1
ScheduleMessage	3.1	Schedule_MarketDocument	5.2
ConfirmationReport	3.1	Confirmation_MarketDocument	5.3
AnomalyReport	3.1	AnomalyReport_MarketDocument	5.2
StatusRequest	1.1	StatusRequest_MarketDocument	4.0

❑ Change in WSDL definition:

The original synchronous service etsoStatusRequestService to get the status of the Realization Diagram or capacity data will be newly implemented asynchronously. It is divided into two services - StatusRequestMarketService and StatusRequestMarketCallbackService. Through the first one, MPs inquire about the current status, and through the second service they receive an answer. It is therefore necessary for MPs to implement the mentioned Callback service

7.7 Final Summary – List of Abbreviations

Seznam použitých zkratk			
4MMC	4M Market Coupling	MCSC	Market Coupling Steering Committee
ACER	The European Union Agency for the Cooperation of Energy Regulators	NEMO	Nominated Electricity Market Operator
AC	Automatic Communication	NTC	Net Transfer Capacity
ATC	Available Transmission Capacity	OTE	OTE, a.s.
BRP (SuperBRP)	Balance Responsible party (Subject of settlement) (SuperBRP = BRP who takes over the total imbalance of another BRP)	OTE-COM	OTE trading platform for trading on IM
CDS	Centre of Data Services	PID	Participant ID
CS OTE	Central System of OTE	PDT	Point of Delivery
D	Delivery day	QX	Quarter X
DM	Day-Ahead Market	RE	Regulating energy
E2E	End-to-End Testing with Market Participants	RES	Renewable Energy Sources
FS	Financial security	RMP	Registered market participant
H2H	Hub-to-hub	RRD	Registration of Realization Diagrams
IDA	Intraday Auction	SDAC	Single Day-Ahead Coupling
IM	Intraday Continuous Market	SIDC	Single Intraday Coupling
ISP	Imbalance Settlement Period	XML	eXtensible Markup Language
MP	Market Participant		

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