



Overview of planned changes in CS OTE from June 13, 2024

Presentation related to OTE webinar (held in Czech)

May 28, 2024

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1. Introduction

- In connection with the changes in short-term electricity markets in June and July 2024, 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
 - The planned launch of Intraday Auctions with electricity (IDA)
 - Information webinar held on February 13, 2024 and March 7, 2024 (presentation from webinars and other summarizing information including documentation are available [here](#))
 - Enquiries received from individual market participants

How to ask questions?

- Questions related to the transfer of measurement data or imbalance settlement please send to elektro@ote-cr.cz
- Questions regarding trading platforms (DM, IM, IDA, RRD) please send to market@ote-cr.cz

Up-to-date information regarding the introduction and testing of the 15-minute settlement and trading period is regularly published on the [OTE's website](#).

2. Overview of Changes in CS OTE in June 2024

Thursday June 13, 2024

- From Wednesday 12 June 2024 to Thursday 13 June 2024 (time to be specified), several significant changes will be deployed in the production environment of the market operator's information system, in particular:
 - Implementation of the **new web interface of the CS OTE portal** for selected forms and reports, including modifications to their graphic design,
 - Implementation of **intraday auctions (IDA)** in the production environment of short-term electricity markets operated by OTE,
 - Deployment of **new (universal) message formats** used for communication with CS OTE (WSDL and XSD templates).

→ **More detailed information on the changes implemented in CS OTE from June 13, 2024 is the subject of this webinar.**

Tuesday June 25, 2024

- ❑ From Monday 24 June 2024 to Tuesday 25 June 2024 (time to be specified), other significant changes will be deployed in the production environment of the market operator's information system, in particular:
 - Deployment of the new web interface of the CS OTE portal in the area/menu:
 - **CDS Electricity**
 - **CDS Gas** (CDS/Data PDT section)
 - **Financial Settlement & Risk Management**

Sunday June 30, 2024 / Monday July 1, 2024

- ❑ On June 30, 2024 / July 1, 2024, the production environment of CS OTE will switch to a 15-minute settlement and trading period in the electricity sector.

→ More detailed information on the changes implemented in CS OTE from June 25, 2024 and July 1, 2024 will be the subject of a follow-up webinar, which will take place on 18 June 2024 from 9:30 a.m. (webinar will be in Czech, but the presentation related to the follow-up webinar in English will also be released)

3. Changes in Individual Areas/Modules of CS OTE: Short-term Electricity Markets

3.1 Changes in CS OTE – Short-term Electricity Markets – Day-ahead Market

- ❑ With effect from the calendar day of June 13, 2024, i.e. on the day when trading is allowed (submitting orders on DM with electricity) for the delivery day of June 14, 2024, a **new interface and graphic design of web forms for submitting orders** will be implemented in the production environment, including new designs of reports with the results of the day-ahead market evaluation.
- ❑ The deployment of the new interface and new message formats to the CS OTE system will take place on the evening of 12 June 2024.
- ❑ **Orders on Day-ahead market for the delivery day of June 14, 2024 and beyond will need to be submitted only after this deployment, i.e. on June 13, 2024 !!!**
 - ❑ It is currently not possible to submit orders for the delivery day June 14, 2024 and the following delivery days.



3.1 Changes in CS OTE – Short-term Electricity Markets – Day-ahead Market

- ❑ Along with the new interface change, the following changes will take place on DM (1.part):

- ❑ Maximum quantity within one order interval will be 2,999.0 MW (effective from June 12, 2024 within the validity of the Terms and Conditions of OTE, a.s., for the electricity valid from June 12, 2024)

*e.g. submitted 10 MW for a given hour
→ energy traded: 10 MWh in the given hour*

- ❑ Changes to units:

- ❑ **The quantity of orders and the calculated results will newly be given in MW** for the given trading period
- ❑ In selected reports, values converted to MWh will also be displayed as aggregated values.
- ❑ Price of orders in EUR/MWh (remains unchanged)

- ❑ **Changes within automatic communication:**

- ❑ **The ENTSO-E format according to the CIM standard** will be used for MPs' query regarding capacity data.
- ❑ It will be **possible to submit multiple orders** within automatic communication or XML import **at the same time** (orders will be processed serially on the system side)
- ❑ **Until further notice, it is not possible to create linked block orders when submitting multiple orders.** → Thus orders linking can only be done within individual submission of orders (as it is done now)

3.1 Changes in CS OTE – Short-term Electricity Markets – Day-ahead Market

- ❑ Along with the new interface change, the following changes will take place on DM (2.part):
 - ❑ Changes to orders:
 - ❑ Standard order
 - ❑ Elimination of the volume indivisibility of the 1st segment (the indivisibility can be solved by using the available block products)
 - ❑ Change in the maximum number of segments
 - ❑ max. **5 segments** when manually entering in CS OTE;
 - ❑ max. **25 segments** when importing XML into CS OTE or when sending XML via automatic communication;
 - ❑ Profile block order – introduction of divisibility of the profile block order (required minimum level of the matched quantity in each period 10 – 100 %)
 - ❑ Flexible hourly order – will be removed (no longer supported)
 - ❑ Optimization of the number of reports and changes in titles (e.g. *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 and the *Profile Data* report will also be deleted)
- ❑ The granularity of products on DM remains unchanged – only 60-min. products will be available for trading on DM (the possibility to trade both 60-min. and 15-min. products is not expected until Q1/2025)

3.1 Changes in CS OTE – Short-term Electricity Markets – Day-ahead Market



New trading screen DM

OTE Test23/05/2024 13:28:40

ElectricityGas

OliverTESTOVACI SZ2

Search

Main Page

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Registration

DM

DM - trading

Reports

IDA

VDT

ERD

Settlement

CDS

POZE

GO

Risk Manag.

Claims

REMIT

DM / DM - trading

Dashboard

Day-ahead market – summary

Session			OTE DM Index (EUR/MWh)			Price (EUR/MWh)		Volume (MWh)
Delivery day	GCT	Status	BASE	PEAK	OFFPEAK	Min	Max	Tc
20/05/2024	19/05/2024 16:00	Closed						
21/05/2024	20/05/2024 12:00	Results	98.19	105.23	91.16	55.00	135.00	216,41
22/05/2024	21/05/2024 11:55	Results	61.96	84.55	39.36	-50.00	115.00	197,45
23/05/2024	22/05/2024 14:00	Results	78.84	77.08	80.59	-20.00	158.24	310,10
24/05/2024	23/05/2024 16:00	Open						
25/05/2024	24/05/2024 16:00	Open						
26/05/2024	25/05/2024 16:00	Open						

List of orders

Create from XMLNew order

Delivery day	Type	OrdCtg	Grp	Resolution	Ver	OrdID	LinkdTo	Comment	Volume (MWh)	MinPrice (EUR/MWh)	
24/05/2024	Buy	STD		60 min	1	954629			599.0	87.00	
24/05/2024	Sell	STD		60 min	1	954630			669.0	15.00	
24/05/2024	Buy	PBO		60 min	1	954631			570.0	20.00	
24/05/2024	Buy	PBO		60 min	1	954632			297.0	90.00	
24/05/2024	Buy	PBO		60 min	1	954633			262.0	10.00	

Audit log

Time	Severity	Visibility	Description
23/05/2024 13:12:34	Info	Private	Order creation ID 954633/1 for buy ...
23/05/2024 13:12:34	Info	Private	Order creation ID 954632/1 for buy ...
23/05/2024 13:12:33	Info	Private	Order creation ID 954631/1 for buy ...
23/05/2024 13:12:33	Info	Private	Bid(s) received for processing to th...

Order for 24/05/2024, Buy

STD PBOBuySell60 min15 min

Delivery day24/05/2024

Settlement currencyEUR

Order ID954629

Version1

Default settlement currencyEUR

Check for fin. securityImmediately

Participant8591824999905-TESTO...

Comment

Enter your comment here

0 / 100

Detail

New segment

Cancel

Submit modification

Submit new

3.1 Changes in CS OTE – Short-term Electricity Markets – Day-ahead Market

Detail of entering a standard order on DM

Until Q1/2025 only
60-min. orders
(from Q1/2025 60-min.
and 15-min. orders)

Order for 24/05/2024, Buy

Header

* Order category: ☒ STD ☐ PBO

* Order type: ☒ Buy ☐ Sell

* Period resolution: ☒ 60 min ☐ 15 min

* Delivery day: 24/05/2024

* Settlement currency: EUR

Order ID: 954629

Version: 1

Default settlement currency: EUR

* Check for fin. security: Immediately

Participant: 8591824999905 - TESTOVA...

Comment: Enter your comment here

0 / 100

Detail

+ New segment

Period	Volume	Price
00 - 01	25.0	110.00
01 - 02	18.0	109.00
02 - 03	32.0	108.00
03 - 04	28.0	107.00
04 - 05	19.0	106.00
05 - 06	35.0	105.00
06 - 07	25.0	104.00
07 - 08	28.0	103.00

Cancel Submit modification Submit new

Quantity in MW for a
given trading period
(hour)
Price €/MWh

Order for 24/05/2024, Sell

Header

* Order category: ☒ STD ☐ PBO

* Order type: ☐ Buy ☒ Sell

* Period resolution: ☒ 60 min ☐ 15 min

* Delivery day: 24/05/2024

* Settlement currency: EUR

Order ID: 954630

Version: 1

Default settlement currency: EUR

* Check for fin. security: Immediately

Participant: 8591824999905 - TESTOVA...

Comment: Enter your comment here

0 / 100

Detail

+ New segment

Period	Volume	Price
00 - 01	21.0	15.00
01 - 02	39.0	16.00
02 - 03	41.0	17.00
03 - 04	16.0	18.00
04 - 05	19.0	19.00
05 - 06	25.0	20.00
06 - 07	36.0	21.00
07 - 08	23.0	22.00




Cancel Submit modification Submit new

3.2 Changes in CS OTE – Short-term Electricity Markets – Intraday Auctions (IDA)

- ❑ Launch of intraday auctions on June 13, 2024 (trading day) for the delivery day of June 14, 2024
 - ❑ For the respective delivery day (D), 3 intraday auctions will be held:
 - ❑ IDA1 with gate closure time at 15:00 D-1 (traded periods 00 – 24 of the day D)
 - ❑ IDA2 with gate closure time at 22:00 D-1 (traded periods 00 – 24 of the day D)
 - ❑ IDA3 with gate closure time at 10:00 D (traded periods 12 – 24 of the day D)
 - ❑ Submitting orders at the individual IDAs will always occur one hour after the closure of the previous IDA (thus, there will be no parallel submission of orders at multiple IDAs).
- ❑ **The first IDA will be IDA1 with the gate closure time at 15:00 on June 13, 2024 (where all periods of the delivery day June 14, 2024 will be traded). Submitting orders for this IDA1 will be open from 11:00 a.m. on June 13, 2024.**
- ❑ A new standalone interface will be used for IDA, including automatic communication (technically the same as for DM).
- ❑ Supported order types on IDA:
 - ❑ **Standard order** (divisible in volume)
 - ❑ **Profile block order** (it is possible to specify the required minimum level of the matched quantity in each period in the range 10 – 100 %)
 - ❑ **Exclusive group of profile block orders**
 - ❑ **Linked Profile Block Orders**

3.2 Changes in CS OTE – Short-term Electricity Markets – Intraday Auctions (IDA)

Units that will be used in IDA:



-  The quantity of orders and the calculated results will be given in MW for the given trading period
-  In selected reports, values converted to MWh will also be displayed as aggregated values.
-  Price of orders in EUR/MWh (remains unchanged)

Access to IDA in the production environment of CS OTE (IDA activity and role) will be enabled by default to all users who have a valid activity on IM as of June 12, 2024. (MPs 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)

e.g. submitted 10 MW for a given hour
→ energy traded: 10 MWh in the given hour

Granularity of products at IDA:

-  For delivery days until June 30, 2024 (included), only 60-min. products will be traded.
-  For delivery days starting from July 1, 2024 (included), only 15-minute products will be traded.

e.g. submitted 10 MW for a given 15-min.
→ energy traded: 2,5 MWh in the given 15-min.

3.2 Changes in CS OTE – Short-term Electricity Markets – Intraday Auctions (IDA)



Trading screen IDA

OTE SAND2

23/05/2024 15:42:46

Electricity Gas

Oliver TESTOVACI SZ2

Q Search

IDA / IDA - trading

Dashboard

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IDA

IDA - trading

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POZE

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Claims

REMIT

Intraday auctions - overview

Auction				OTE IDA Index (EUR/MWh)			Price (EUR/MWh)		Volume (MWh)
Delivery day	GCT	Name	Status	BASE	PEAK	OFFPEAK	Min	Max	T
22/05/2024	21/05/2024 16:00	IDA2	Revoked						
22/05/2024	22/05/2024 09:00	IDA3	Revoked						
23/05/2024	22/05/2024 14:00	IDA1	Results	18.83	15.54	22.13	4.05	41.81	5,45
23/05/2024	22/05/2024 16:00	IDA2	Results	15.39	14.51	16.28	13.58	25.06	2,17
23/05/2024	23/05/2024 09:00	IDA3	Results	13.96			11.46	16.95	10
24/05/2024	23/05/2024 14:00	IDA1	Results	16.47	16.32	16.62	11.85	20.61	2,70
24/05/2024	23/05/2024 16:00	IDA2	Open						
24/05/2024	24/05/2024 09:00	IDA3	NotOpen						
25/05/2024	24/05/2024 14:00	IDA1	NotOpen						

List of orders

+ Create from XML + New order

Delivery day	Auction	Type	OrdCtg	Grp	Resolution	Ver	OrdID	LinkTo	Comment	Volume (MWh)		
24/05/2024	IDA2	Buy	STD		15 min	1	28961			637.0		
24/05/2024	IDA2	Sell	STD		15 min	1	28962			594.3		
24/05/2024	IDA2	Buy	PBO		15 min	1	28963			587.3		
24/05/2024	IDA2	Buy	PBO		15 min	1	28964			308.3		
24/05/2024	IDA2	Buy	PBO		15 min	1	28965			304.5		
24/05/2024	IDA2	Sell	PBO		15 min	1	28966			598.5		
24/05/2024	IDA2	Sell	PBO		15 min	1	28967			302.0		
24/05/2024	IDA2	Sell	PBO		15 min	1	28968			323.8		

Audit log

Time	Severity	Visibility	Description
23/05/2024 15:42:08	Info	Private	Order creation ID 28968/1 (IDA2) fo...
23/05/2024 15:42:08	Info	Private	Order creation ID 28967/1 (IDA2) fo...
23/05/2024 15:42:08	Info	Private	Order creation ID 28966/1 (IDA2) fo...
23/05/2024 15:42:07	Info	Private	Bid(s) received for processing to th...

Order for 24/05/2024 - IDA2, Buy

Header

* Order category: STD PBO

* Order type: Buy Sell

* Period resolution: 60 min 15 min

Delivery day: 24/05/2024

* Settlement currency: EUR

Order ID:

Version:

Auction: IDA2

Default settlement currency: EUR

Check for fin. security: Immediately

Comment: Enter your comment here

Participant: 859182499905 - TESTOV...

0 / 100

Cancel Submit modification Submit new

3.2 Changes in CS OTE – Short-term Electricity Markets – Intraday Auctions (IDA)

Detail of entering a standard order at IDA

Order for 24/05/2024 - IDA1, Buy

Header

* Order category

☒ STD ☐ PBO

* Order type

☒ Buy ☐ Sell

* Period resolution

☐ 60 min ☒ 15 min

Delivery day

24/05/2024

* Settlement currency

EUR

Order ID

28950

Version

1

Auction

IDA1

Default settlement currency

EUR

Check for fin. security

Immediately

Comment

Enter your comment here

Participant

8591824999905 - TESTOV...

0 / 100

Detail

+ New segment

Period	Segment 1	
	Volume	Price
00:00	30.0	15.00
	23.0	16.00
	40.0	17.00
	39.0	18.00
01:00	29.0	19.00
	5.0	20.00
	37.0	21.00
	28.0	22.00

Cancel

15-min. orders at IDA from July 1, 2024

Order for 24/05/2024 - IDA1, Sell

Header

* Order category

☒ STD ☐ PBO

* Order type

☐ Buy ☒ Sell

* Period resolution

☐ 60 min ☒ 15 min

Delivery day

24/05/2024

* Settlement currency

EUR

Order ID

28951

Version

1

Auction

IDA1

Default settlement currency

EUR

Check for fin. security

Immediately

Comment

Enter your comment here

Participant

8591824999905 - TESTOV...

0 / 100

Detail

+ New segment

Period	Segment 1	
	Volume	Price
00:00	30.0	15.00
	23.0	16.00
	40.0	17.00
	39.0	18.00
01:00	29.0	19.00
	5.0	20.00
	37.0	21.00
	28.0	22.00

Cancel

Submit modification

+

Quantity in MW for a given trading period (trading period at IDA: until June 30, 2024 only 60-min., from July 1, 2024 only 15-min.)
Price €/MWh

17

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IDA

3.3 Changes in CS OTE – Short-term Electricity Markets – Continuous Intraday Market (IM)

- ❑ From June 13, 2024 there will be only a change in the units on IM:
 - ❑ The quantity of orders will be given in MW for the given trading period
- ❗
 - ❑ In selected reports, values converted to MWh will also be displayed as aggregated values.
 - ❑ Price of orders in EUR/MWh (remains unchanged)

❑ Orders submitted on IM before June 13, 2024 for the delivery day of June 13, 2024 and possibly subsequent delivery days will be kept in the system.

❑ Granularity of products on IM:

*e.g. submitted 10 MW for a given hour
→ energy traded: 10 MWh in the given hour*

- ❑ For delivery days until June 30, 2024 (included) **only 60-min. products** will be traded on IM
- ❑ For delivery days from 01/07/2024 (included), it will be possible to trade **both 60-min. and 15-min. products** on IM (15-min. contracts will be visible from June 30, 2024).

*e.g. submitted 10 MW for a given hour
→ energy traded: 10 MWh in the given hour*

or

*e.g. submitted 10 MW for a given 15-min.
→ energy traded: 2,5 MWh in the given 15-min.*

3.3 Changes in CS OTE – Short-term Electricity Markets – Continuous Intraday Market (IM)

Trading screen on IM

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)
14-15_XB		2.4	125.00				57.95	1.6	13.7	
Q14:00-14:15_XB	10.0	10.0	200.00				19.98	7.2	14.4	
Q14:15-14:30_XB							19.98	7.2	7.2	
Q14:30-14:45_XB							19.98	7.2	7.2	
Q14:45-15:00_XB							19.98	7.2	7.2	
15-16_XB				51.45	3.1		88.79	1.0	9.3	
Q15:00-15:15_XB							19.97	7.3	7.3	
Q15:15-15:30_XB							19.97	7.3	7.3	
Q15:30-15:45_XB							19.97	7.3	7.3	
Q15:45-16:00_XB							19.97	7.3	7.3	
16-17_XB				74.88	7.8		19.96	7.4	7.4	
Q16:00-16:15_XB							19.96	7.4	7.4	
Q16:15-16:30_XB							19.96	7.4	7.4	
Q16:30-16:45_XB							19.96	7.4	7.4	
Q16:45-17:00_XB							19.96	7.4	7.4	
17-18_XB		7.5	19.95	109.86	10.6					

Contract detail: Q14:00-14:15_XB

Bid				Ask			
WAPrice	AgrQty	Qty	Price	Price	Qty	AgrQty	WAPrice
200.00	10.0	10.0	200.00				

Create order

Contract: Q14:00-14:15_XB

Buy ☐ Sell ☐

Order type

☒ Limit order

☐ Iceberg

☐ Block limit order

Exec. restriction

☒ None

☐ FOK

☐ IOC

Quantity [MW]: 0.0

Price [EUR/MWh]: (-)0.00

Order total qty. [MWh]:

Valid to: GFS

Comment:

☐ Inactive

Add to basket

Submit


Clear form

Quantity in MW for a given trading period
(trading period on IM:
until June 30, 2024 60-min.,
from July 1, 2024 both 60-min.
and 15-min.)

Price €/MWh

3.3 Changes in CS OTE – Short-term Electricity Markets – Continuous Intraday Market (IM)

Trading screen on IM – back-up

OTE  COM ISOTESTEST

Trading system OTE-COM Electricity

Logged in: Oliver Subjekt2 - TESTOVA...

Current time: 23.05.2024 16:24:17

Personal IM Reports Settings

Trading screen IM X

Market overview XBID disconnected – Backup IM Products

Contract	Bid			Ask			Trades			
	OwnQty	Qty	Price	Price	Qty	OwnQty	LastPce	LastQty	TotQty	OwnQty (B/S)
240523_1630-1645										
240523_1645-1700										
240523_17-18										
240523_1700-1715										
240523_1715-1730				21.00	21.0	21.0				
240523_1730-1745				22.00	22.0	22.0				
240523_1745-1800			7.00	23.00	23.0	23.0				
240523_18-19	10.0	10.0	10.00	24.00	24.0	24.0				
Trading from: 22.05. 15:00 Trading to: 23.05. 17:55										
240523_1800-1815	15.0	15.0	15.00							
240523_1815-1830	20.0	20.0	20.00							
240523_1830-1845	25.0	25.0	25.00							
240523_1845-1900				4.00	8.0	8.0				
240523_19-20	11.0	11.0	11.00							

Contract detail: 240523_18-19

Create order

Bid				Ask			
WAPrice	AgrQty	Qty	Price	Price	Qty	AgrQty	WAPrice
10.00	10.0	10.0	10.00	24.00	24.0	24.0	24.00

Contract: 240523_18-19

Buy

Sell

Order type

Limit order

Iceberg

Block limit order

Exec. restriction

None

FOK

IOC

Quantity [MW]: 0.0

Price [EUR/MWh]: -10.00

Order total qty. [MWh]:

Valid to: GFS

Comment:

Inactive

Add to basket

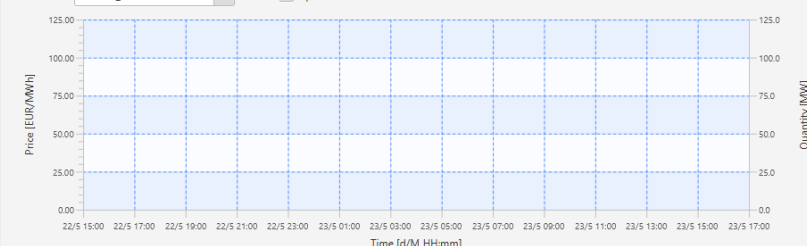
Submit

Clear form

Market overview with block orders

Trading history

Contract: 240523_18-19 Update



Own orders

Contract: 240523_18-19 FS IM 16:24: 8,718,609.54K€ FS Status

ID	Contract	Type	Ask(Qty)	Bid(Qty)	Price	State	Valid to	Comment
10,399,301	240523_18-19	LMT		10.0	10.00	Active		
10,399,303	240523_18-19	LMT	24.0		24.00	Active		

Activate Deactivate Delete Modify

Activate All Deactivate All Delete All Mass order insert

Basket Settl. Curr.

Audit log

Priority: Low Middle High

Type: Public Private

Time	Prior.	Type	Description
5/23/2024 16:20:43	Middle	Private	Unsuccessful order creation: The reason of the possible matching with own order 10399292.
5/23/2024 16:20:13	Low	Private	New Order 23MW@23EUR on the contract 240523_1745-1800; ID: 10399304.
5/23/2024 16:20:13	Low	Private	New Order 24MW@24EUR on the contract 240523_18-19; ID: 10399303.
5/23/2024 16:20:13	Low	Private	New Order 7MW@7EUR on the contract 240523_1745-1800; ID: 10399302.
5/23/2024 16:20:13	Low	Private	New Order 10MW@10EUR on the contract 240523_18-19; ID: 10399301.
5/23/2024 16:20:13	Low	Private	New Order 5MW@5EUR on the contract 240523_1745-1800; ID: 10399300.

4. Changes in other Areas/Modules of CS OTE:

4.1 Changes in CS OTE – Registration of Realization Diagrams (RRD)

- ❑ On June 12, 2024 (in the evening), a new interface will be deployed, i.e. for the delivery day of June 14, 2024 (and all subsequent days), it will be necessary to **send RRD data in the new CIM format**, at the same time it will be possible to create **new templates of realization diagrams**:
 - ❑ for delivery days **until June 30, 2024 (included) in 60-min. resolution**,
 - ❑ for delivery days **starting from July 1, 2024 and beyond in 15-min. resolution**,
 - ❑ Already after the changes are deployed (from June 13, 2024), it will be possible to send RRD and create the templates of realization diagrams for the delivery days of July 1, 2024 and beyond in 15-min. resolution.
- ❑ Along with the new interface change (i.e. for the delivery day of June 14, 2024 and beyond) the **RRD data will be entered in MW** for the given trading period.
 - ❑ for delivery days until June 30, 2024 (included) in 60-min. resolution,

*e.g. submitted 10 MW for a given hour
→ energy traded: 10 MWh in the given hour*
 - ❑ for delivery days July 1, 2024 and beyond in 15-min. resolution,

*e.g. submitted 10 MW for a given 15-min.
→ energy traded: 2,5 MWh in the given 15-min.*

☐ RRD entered before June 13, 2024 in the original interface:



☐ for delivery days June 14, 2024 – June 30, 2024 in 60min. resolution will be kept in the system with the new interface!!

☐ For delivery days from July 1, 2024 and beyond in 60-min. resolution will be annuled!!!

☐ RRD for delivery days July 1, 2024 and beyond at 15-min. resolution will be possible to enter from 13/06/2024.

☐ The validity of the original templates of realization diagrams will expire on June 30, 2024 !!!

☐ It will be possible to enter new templates of implementation diagrams from June 13, 2024.

☐ Changes related to the transition to the new CIM format are summarized in Chapter 5 of this presentation!!! (We recommend paying close attention to Chapter 5!)

- ❑ On the evening of June 12, 2024, a new interface for the imbalances settlement of electricity will be deployed in the CS OTE production environment.
- ❑ Starting from June 13, 2024 (which means for the first time the daily imbalances settlement for June 12, 2024, carried out on June 13, 2024), the reports with the imbalances settlement results of electricity will be presented in the CS OTE portal in the **new user interface and graphic design.**
- ❑ The results of imbalance settlement of electricity will also be accessible through newly implemented automatic communication with CS OTE.
- ❑ The presentation of imbalance settlement of electricity results remains until 30 June, 2024, in 60-min. resolution.

4.3 Changes in CS OTE – Financial Settlement & Risk Management and OTE Public Website



- ❑ From June 13, 2024 (the day of trading), Financial Settlement & Risk Management will expand its relevant reports and automatic communication with a new type of trade IDA in electricity.
- ❑ From June 13, 2024, a section dedicated for IDA will be added to the OTE public website.
- ❑ Other areas/modules of OTE remain unchanged until June 24, 2024.

5. Changes in Automatic Communication

5. Changes in Automatic Communication

- ❑ From 13/06/2024, a new format according to the CIM standard will be used in automatic communication to capacity data request on auction markets and in realization diagrams
- ❑ Please pay increased attention to the transition to the new CIM format !!!
 - ❑ Document describing the changes related to the transition to the CIM format is [here](#)
 - ❑ MPs, who use **client-server** communication with OTE, must call the new *ScheduleMarketService* and *StatusRequestMarketService* services for the production environment.
 - ❑ MPs, who use **server-server** communication with OTE, must additionally proceed with the following for the production environment:
 - ❑ on MPs' side, implement 2 new callback services (can be as one shared endpoint) *ScheduleMarketCallbackService* and *StatusRequestMarketCallbackService*, to which all CIM messages will be delivered.
 - ❑ fill in a new form for automatic communication (the form can be downloaded [here](#)), where MPs will state the relevant endpoints of the new CIM callback services
 - The completed form must be sent by June 5, 2024 to elektro@ote-cr.cz or market@ote-cr.cz



5. Changes in Automatic Communication

Part II. – Type of communication



☐ Client – server (WS or REST) ☒ **Server – server (WS)** ☐ E-mail

Part III. – Required information to access on OTE server (WS or REST)

IP address:

Certificate:

Part IV. – Required information to access on external subject web service server (WS)

IP address:

Port:

URL:



CIM_STA: https://firma.cz/statusrequestmarketcallbackservice

CIM_SCH: https://firma.cz/schedulemarketcallbackservice

Part V. – Channel type for message delivery and their format (WS)



Message code	Channel of message delivery	Format (XML/EDI/TXT)
C00-CZZ	HTTP CIM	XML
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

→ The completed form for server-server communication with OTE must be sent by June 5, 2024 to elektro@ote-cr.cz or market@ote-cr.cz

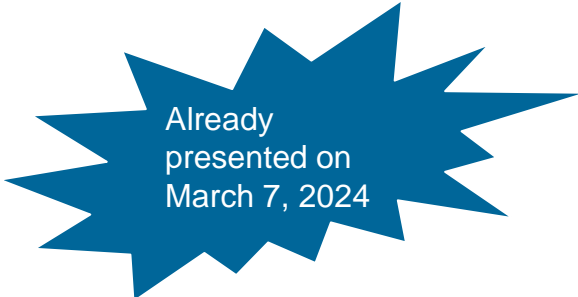
5. Changes in Automatic Communication

❑ 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)



Already
presented on
March 7, 2024

❑ ISOTEREQ

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

❑ RESPONSE

- new attribute providing support for bulk message entry

5. 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 from June 13, 2024**:

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 from June 13, 2024** :

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

Already
presented on
March 7, 2024

❑ **Change in WSDL definition from June 13, 2024:**

- 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.**

6. New Version of Signature Component OTE PKI in CS OTE

6. New Version of Signature Component OTE PKI in CS OTE

❑ From June 12, 2024 (evening) along with the transition to the new CS OTE interface, each CS OTE user using the signature OTE PKI component will need to install its new version 2.6.

❑ Without this update, it will not be possible to perform some operations in the CS OTE system from June 12, 2024!!

❑ The new version of the component is compatible with both the existing and the new interface of the CS OTE system, so **we recommend all CS OTE users, who use the signature OTE PKI component, to install its updated version (latest version 2.6 [here](#)) as soon as possible!!**

❑ Installation of a new version of the signature OTE PKI component:

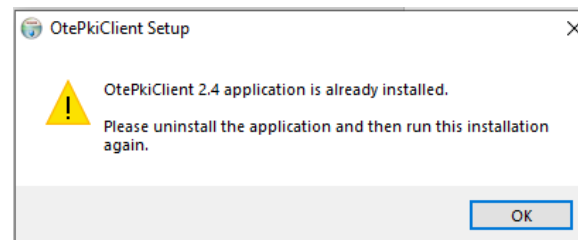
❑ Manual for verifying the currently installed version and reinstalling [here](#)

❑ Installation of the new version of the signature OTE PKI component is done in 2 steps:

1. Uninstallation of the original version (2.4)

2. Installation of the new version (2.6) – download [here](#)

*Message that appears when
the original version
has not been uninstalled
(i.e. step 1 was not performed)*



6. New Version of Signature Component OTE PKI in CS OTE

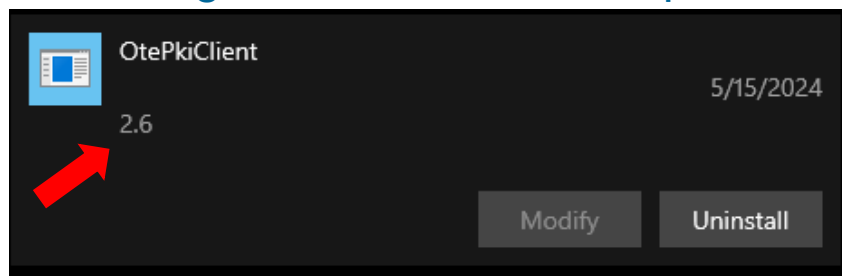
❑ There are two possible ways to verify the currently installed version of the signature OTE PKI component:

1) **Start menu** → search for '**Control Panel**'→ select '**Programs and Uninstall a program**'→ search for '**OtePkiClient**' and you will see the version in the last column, see screenshot below and version 2.6.



Organize ▾ Uninstall/Change				
Name	Publisher	Installed On	Size	Version
 OtePkiClient		5/15/2024		2.6

2) **Start menu** → search for "**Apps and Features**"→ search for the "**OtePkiClient**" application and view the details of the application (by clicking on the application) - the number below the application name indicates the version of the signature OTE PKI component.



→ If you still have version 2.4 installed, you need to uninstall this version and then install the new version 2.6 (download [here](#))



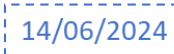
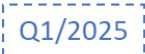
7. Summary Plan of Changes Deployment

7.1 Summary Plan of Changes Deployment

- Summary plan of changes deployment in June 2024 in the individual areas of OTE:

OTE area	June 13, 2024 (trading day)	June 25, 2024	June 26, 2024	June 30, 2024	July 1, 2024 (delivery day)
DM	<ul style="list-style-type: none"> New interface Changes (AC, units, orders...) 				<ul style="list-style-type: none"> DM remains at 60-min.
IDA	<ul style="list-style-type: none"> IDA launch only 60-min. products 				<ul style="list-style-type: none"> IDA only 15-min. products
IM					<ul style="list-style-type: none"> IM possible both 60-min. and 15-min. products
RRD	<ul style="list-style-type: none"> New interface (RRD data in new CIM format) New RD templates 			<ul style="list-style-type: none"> Expiry of original RD templates 	<ul style="list-style-type: none"> RRD and RD templates in 15-min. resolution
Imbalance Settlement	<ul style="list-style-type: none"> New interface (already for imbalance settlement of June 12, 2024) 				<ul style="list-style-type: none"> Imbalance settlement in 15-min. resolution
Financial settlement	<ul style="list-style-type: none"> Extension of AC with IDA 	<ul style="list-style-type: none"> New user interface 	<ul style="list-style-type: none"> Risk exposure calculation (for DD July 1, 2024 and onwards) in 15-min. 		<ul style="list-style-type: none"> Data for Financial Settlement in 15-min. resolution
CDS electricity		<ul style="list-style-type: none"> New user interface 	<ul style="list-style-type: none"> Prediction (for DD July 1, 2024 and onwards) in 15-min. 		<ul style="list-style-type: none"> Profile metering data in 15-min. resolution
CDS gas		<ul style="list-style-type: none"> New user interface for CDS/PDT forms 			
Public OTE	<ul style="list-style-type: none"> Extension of web with IDA section 				<ul style="list-style-type: none"> Data displayed in 15-min. resolution (except DM data)

Introduction of 15-min. 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)		60-min. products	only 15-min. products
			
	Delivery Day	14/06/2024 01/07/2024	Q1/2025

8. Conclusion and Invitation to Webinar on June 18, 2024

8.1 Other important information

❑ The individual changes and their impacts have already been presented in detail at webinars held on 13 February 2024 and 7 March 2024 (presentations from the webinars and detailed information, including documentation, are available [here](#)).

❑ **We would like to thank the market participants for their persistent testing of the upcoming changes in CS OTE and we apologize for any complications during testing caused by fixing problems that occurred during testing.**

❑ Testing of the upcoming changes in CS OTE continues according to the schedule listed [here](#).

Expected Testing Timeline

Date	Functionality
March 18, 2024 - May 30, 2024	E2E communication tests of the new universal 15/60min interface for data transfer via CSDATA format (15min period) - VIA ONLY AUTOMATION COMMUNICATION, no webportal at this moment
April 15, 2024 - May 3, 2024	E2E tests Intraday Auctions with electricity - new interface (web portal) + new automatic communication (15/60 min)
April 15, 2024 - May 17, 2024	E2E tests - PDT masterdata transfer (elektricity+gas) – new interface (web portal) E2E tests - profile metering data (electricity) – new interface (web portal)
April 22, 2024 - May 3, 2024	E2E tests Day-Ahead Market with electricity - new interface (web portal) + automatic communication (60min)
April 29, 2024 - May 17, 2024	E2E tests - CDS - aggregation, prediction, clearing of Load Profiles (15/60min)
April 29, 2024 - May 3, 2024	E2E tests - Continuous Intraday Electricity Market – Shipping tests – phase 1 (15/60 min period) (relevant only for CEPS)
May 13, 2024 - May 31, 2024	E2E tests – new interface (web portal) (15/60min) - Settlement of markets and imbalance periods (electricity) - RRD - Registration of realization diagrams
May 13, 2024 - May 17, 2024	E2E tests - Continuous Intraday Electricity Market – Shipping tests – phase 2 (15/60 min period) (relevant only for CEPS)
May 27, 2024 - May 31, 2024	E2E tests - Continuous Intraday Electricity Market (15/60 min)
June 3, 2024 - June 7, 2024	E2E tests - Intraday Gas Market (testing changes in CS OTE, OTECOM Gas application remains unchanged)
June 3, 2024 - June 24, 2024	E2E tests - OTE public website (electricity/gas) (15/60min)
June 3, 2024 - June 24, 2024	E2E tests - Financial Security/Hedging (electricity/gas) (15/60min)

8.2 Invitation to Webinar on June 18, 2024

- We invite market participants to the follow-up OTE webinar

on Tuesday June 18, 2024 from 9:30 a.m. to 11:00 a.m. (online in Czech)

- **Presentation in English related to the follow-up webinar will also be released (after the webinar)**
- In the webinar the following changes in the CS OTE production environment will be presented in detail:
 - **Changes from June 25, 2024** related to the deployment of the new web interface of the CS OTE portal in the areas/menus:
 - CDS Electricity
 - CDS gas (changes only in the CDS/PDT Data section)
 - Financial Settlement & Risk Management
 - **Changes from July 1, 2024** in the CS OTE system related to the transition to a 15-minute settlement and trading period in the electricity sector in the following areas:
 - Short-term electricity markets
 - Evidence of realization diagrams
 - Imbalance settlement of electricity
 - Sending profile metering data
 - Financial Settlement & Risk Management
- The invitation to the webinar has been published in the CS OTE system

- ❑ For up-to-date information, please follow market operator's website!
- ❑ Detailed information on the presented changes, including webinar presentations and documentation, can be found on the OTE's website: <https://www.ote-cr.cz/en/documentation/electricity-documentation/information-to-switch-to-15-min-interval> .



- ❑ If you have any questions regarding metering data or imbalance settlement, please send an e-mail to elektro@ote-cr.cz .
- ❑ If you have any questions related to market platforms (DM, IM, IDA) or RRD, please contact market@ote-cr.cz .

8.4 List of abbreviations

List of abbreviations used

AC	Automatic Communication	OTE	OTE, a.s.
CDS	Centre of Data Services	PDT	Point of Delivery/Transfer
CS OTE	Central System of OTE	PKI	Public Key Infrastructure
D	Delivery day	RRD	Registration of Realization Diagrams
DM	Day-Ahead Market	WSDL	Web Services Description Language
IDA	Intraday Auction	XML	Extensible Markup Language
IM	Continuous Intraday Market	XSD	XML Schema Definition

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