



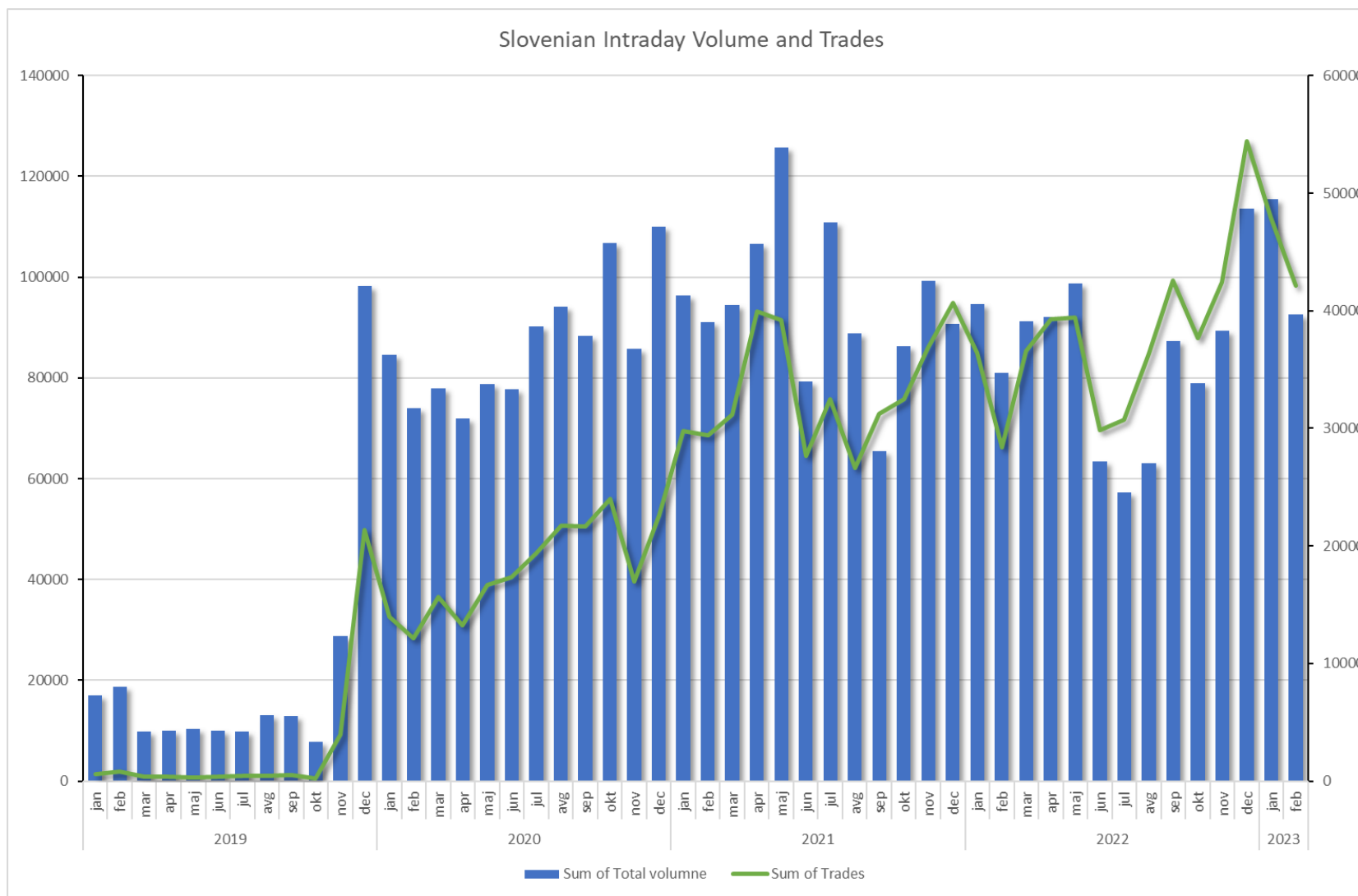
M7 Trading Solution

Implementation of Intraday trading in the Serbian market

- The initial setup - isolated market
- Future design - Serbian Intraday market merged within SIDC
- For the implementation of local and market coupling project, M7 trading solution will be used



Impact of Market Coupling on SI market



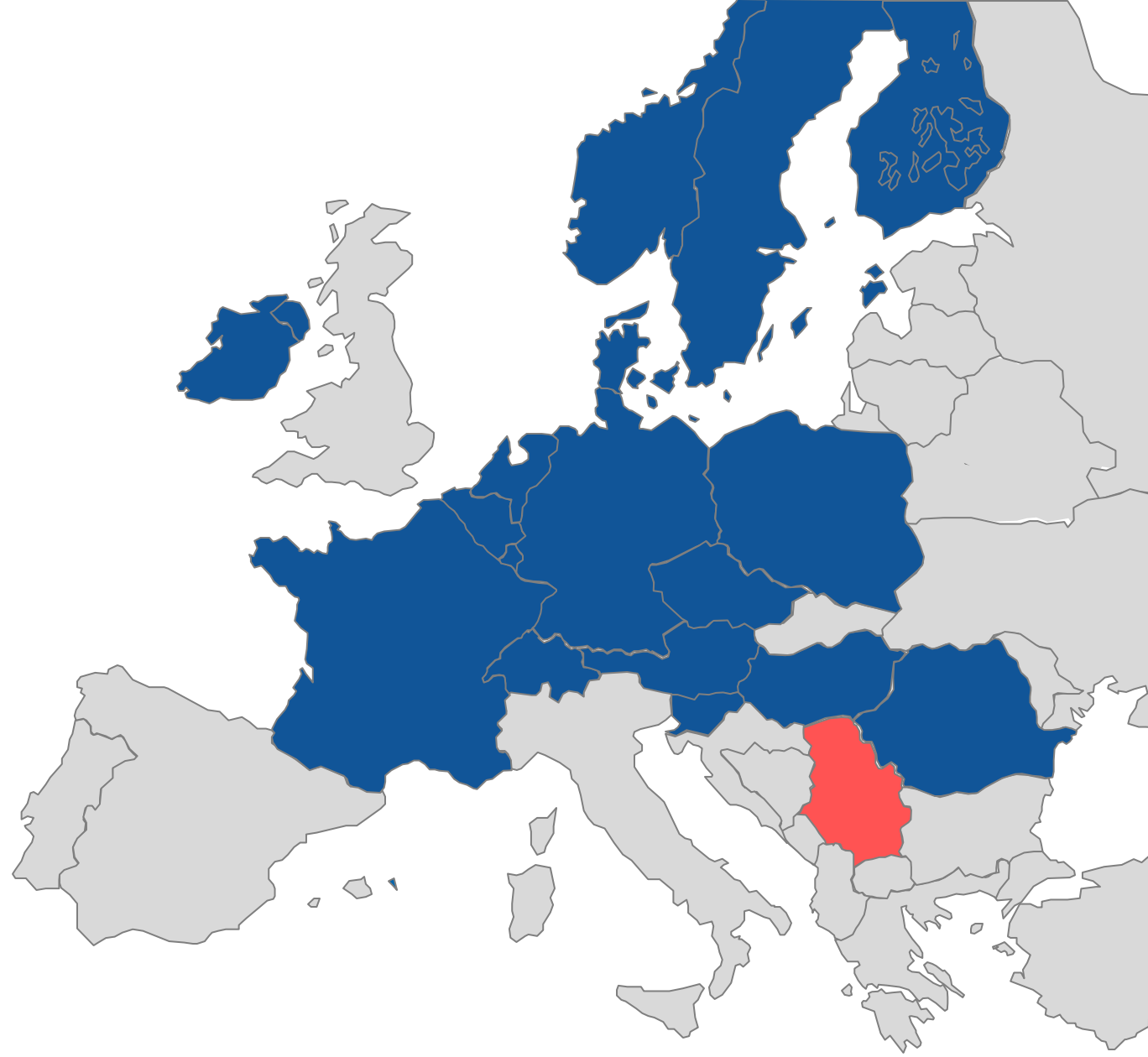
M7 Trading Platform Characteristics

- Platform supports intraday continuous and OTC trading for standardized and user defined products
- Web-based trading client with a username and password means easy access from different locations
- Offers high adaptability and customization for traders
- Back-to-front communication possible via API
- SIDC (XBID) ready

M7 Electricity Market Coverage

Power Exchanges offering M7 solutions to their market participants:

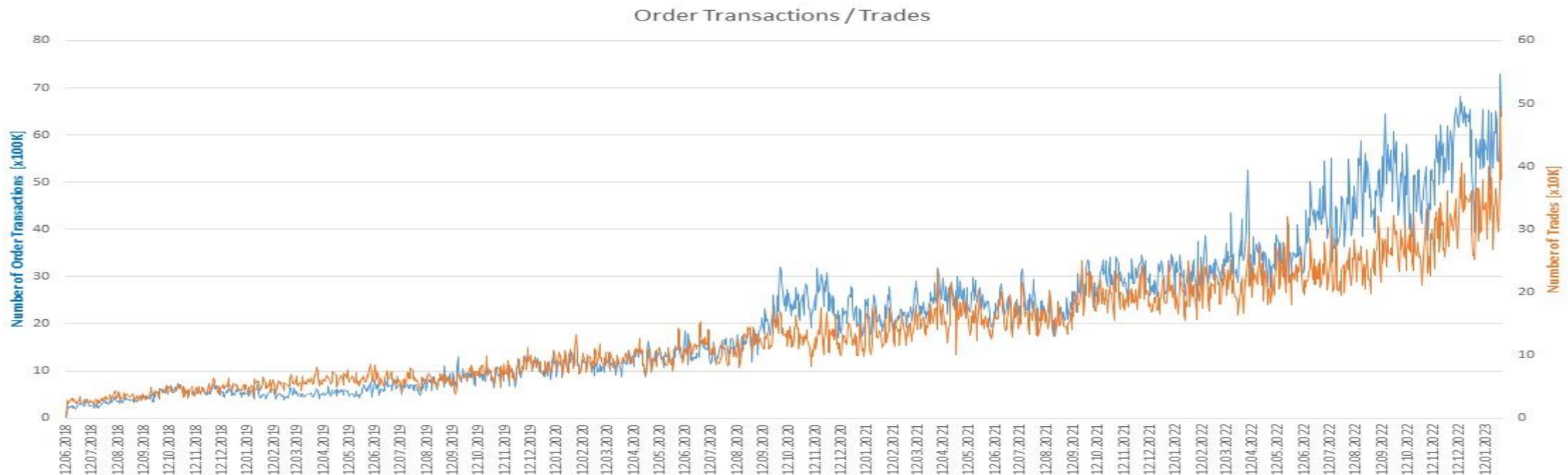
- EPEX Spot
- BSP SouthPool
- HUPX
- Towarowa Gielda Energii (TGE)
- Operatorul Pietei de Energie si Gaze Naturale (OPCOM)
- **SEEPEX**



DBAG XBID Robustness

DBAG is service provider of SIDC (XBID) solution designed to support high data loads that are constantly increasing. SIDC operational data from December 2022:

- more than 9,78 million trades (BSP input: 55 thousand trades)
- 180 million order transactions (BSP input: 80 thousand orders)



M7 Continuous Trading – How does it work?

Market Overview (Predefined products)

R	Area	Ctrct	Cur	Phas	State	OBid	BQty	Bid	Ask	AQty	OAsk	LQty	LPrc	TQty	D
✕	RS	T00-T01	EUR	CONT	ACTI										Q
✕	RS	T01-T02	EUR	CONT	ACTI										Q
✕	RS	T02-T03	EUR	CONT	ACTI		25,2	111,00	112,20	21,0		4,2	→ 112,2	4,2	Q
✕	RS	T03-T04	EUR	CONT	ACTI		30,3	125,40	134,20	11,8		3,2	→ 134,2	3,2	Q
✕	RS	T04-T05	EUR	CONT	ACTI		17,2	123,10	124,20	13,5		1,5	→ 124,2	1,5	Q
✕	RS	T05-T06	EUR	CONT	ACTI		12,0	128,20	134,10	11,0		1,0	→ 134,1	1,0	Q
✕	RS	T06-T07	EUR	CONT	ACTI		17,2	132,20	133,30	11,9		5,3	→ 133,3	5,3	Q
✕	RS	T07-T08	EUR	CONT	ACTI										Q

Side	Contract	Quantity	Price (EUR)	Type	Val Restr	Date & Time	Area
Buy	T04-T05	2,0	124,00	REG	GFS		RS
Text							
Text							

Recv BG	Acct	O/C	Balancing Group	Exe Restr	State
	P		RS-TEST12_B01-X	NON	ACTI

Market Overview (Predefined products)

R	Area	Ctrct	Cur	Phas	State	OBid	BQty	Bid	Ask	AQty	OAsk	LQty	LPrc	TQty	D
✕	RS	T00-T01	EUR	CONT	ACTI										Q
✕	RS	T01-T02	EUR	CONT	ACTI										Q
✕	RS	T02-T03	EUR	CONT	ACTI		25,2	111,00	112,20	21,0		4,2	→ 112,2	4,2	Q
✕	RS	T03-T04	EUR	CONT	ACTI		30,3	125,40	134,20	11,8		3,2	→ 134,2	3,2	Q
✕	RS	T04-T05	EUR	CONT	ACTI		2,0	2,0	124,00	3,5		10,0	→ 124,2	11,5	Q
✕	RS	T05-T06	EUR	CONT	ACTI		17,2	123,10	124,20	11,0		1,0	→ 134,1	1,0	Q
✕	RS	T06-T07	EUR	CONT	ACTI		12,0	128,20	134,10	11,0		5,3	→ 133,3	5,3	Q

Side	Contract	Quantity	Price (EUR)	Type	Val Restr	Date & Time	Area
Buy	T04-T05	2,0	124,00	REG	GFS		RS
Text							
Text							



Recv BG	Acct	O/C	Balancing Group	Exe Restr	State
	P		RS-TEST12_B01-X	NON	ACTI

Own Trade	Grid	Time	Qty	PQty	PPQ	SGty	Pre	SPre	UseGde	UserName
WVAP (EUR)	T04-T05	25,2	25,2			25,2	111,00		TRD001	TEST5RS1

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✕	RS	T00-T01	EUR	CONT	ACTI										Q
✕	RS	T01-T02	EUR	CONT	ACTI										Q
✕	RS	T02-T03	EUR	CONT	ACTI		25,2	111,00	112,20	21,0		4,2	→ 112,2	4,2	Q
✕	RS	T03-T04	EUR	CONT	ACTI		30,3	125,40	134,20	11,8		3,2	→ 134,2	3,2	Q
✕	RS	T04-T05	EUR	CONT	ACTI		17,2	123,10	124,20	3,5		2,0	→ 124,0	13,5	Q
✕	RS	T05-T06	EUR	CONT	ACTI		12,0	128,20	134,10	11,0		1,0	→ 134,1	1,0	Q
✕	RS	T06-T07	EUR	CONT	ACTI		17,2	132,20	133,30	11,9		5,3	→ 133,3	5,3	Q

M7 Transaction Process

► Market Overview (Predefined products)														
R	+	Area	Ctrct	▲	Phas	State	BQty	Bid	Ask	AQty	LQty	LPrc	TQty	D
✖		 RS ▼	16-17		CLSD	ACTI								Q
✖	⊖	 RS ▼	17-18		CONT	ACTI			146.00 147.00	22.0 24.0	1.0	↘ 150.0	303.0	Q
✖	⊖	 RS ▼	18-19		CONT	ACTI	3.0 34.0 26.0 31.0 41.0	131.00 130.00 129.00 128.00 127.00	140.00 141.00 142.00 143.00 144.00	22.0 37.0 52.0 48.0 51.0	10.0	➡ 131.0	98.0	Q
✖	⊖	 RS ▼	19-20		CONT	ACTI	19.0 18.0 147.0 50.0	136.50 134.20 132.40 50.00	143.20 144.20 145.20 146.20 157.20	43.0 44.0 43.0 43.0 36.0	13.0	➡ 142.2	123.0	Q
✖	⊖	 RS ▼	20-21		CONT	ACTI	19.0 24.0 44.0	136.50 134.20 132.40	141.20 142.20 143.20 144.20 145.20	8.0 11.0 16.0 22.0 10.0	18.0	↗ 140.2	220.0	Q

▶ Own Trade

UsrCode	UsrName	Area	B/S	Ctrct	TmZ	Qty	Prc
TRD001	User Serbia RS1	RS	S	19-20	CET	19.0	136.50
TRD001	User Serbia RS1	RS	B	18-19	CET	24.0	142.00
TRD001	User Serbia RS1	RS	B	18-19	CET	18.0	142.00
TRD001	User Serbia RS1	RS	B	18-19	CET	24.0	141.00
TRD001	User Serbia RS1	RS	B	18-19	CET	5.0	141.00
TRD001	User Serbia RS1	RS	S	20-21			

Chart Linked

Search

Base_RS

Hourly_RS

ACTI 17-18

ACTI 18-19

ACTI 19-20

Contract 17-18 (RS)

Side

Buy Sell

Product

Product

Front Contract

Front Contract

Rear Cont

Rear Cont

Quantity

Price

Message

Market	Time	Priority	Type	
ComTrader	22.03.2023 16:22:25	LOW	GUI	Loading of historical FullTrade data finished.
M7-SouthPool	22.03.2023 16:00:00	LOW	PUB	Contract 17-18 closed for RS - All open orders cancelled.
M7-SouthPool	22.03.2023 16:22:20	LOW	PRV	User RST01 TRD001 logged in.
M7-SouthPool	22.03.2023 15:54:28	LOW	PRV	User RST01 TRD001 logged in.
M7-SouthPool	22.03.2023 16:22:20	LOW	PRV	User RST01 TRD001 logged in.

Own Order

UsrCode	Area	B/S	Ctrct▲	TmZ	IQty	Qty	PQty	PPD	SQty	Prc	SPrc	Acnt	Sta	AOT	F+
TRD001	RS	B	21-22	CET	65,0	65,0			65,0	34,00		P	✓	No	
TRD001	RS	B	21-22	CET	55,0	55,0			55,0	134,00		P	✓	No	
TRD001	RS	B	21-22	CET	10,0	10,0			10,0	289,00		P	✓	No	
TRD001	RS	B	22-23	CET	22,0	22,0			22,0	100,00		P	✓	No	
TRD001	RS	S	23-00	CET	22,0	22,0			22,0	216,00		P	✓	No	
TRD001	RS	S	23-00	CET	20,0	20,0			20,0	125,00		P	✓	No	
TRD001	RS	S	23-00	CET	11,0	11,0			11,0	179,00		P	✓	No	

Market Overview (Predefined products)

R +	Area	Ctrct▲	Cur	Phas	State	BAcc														
✖	RS	17-18	EUR	CLSD	ACTI															
✖	RS	18-19	EUR	CONT	ACTI	41.0														
✖	RS	19-20	EUR	CONT	ACTI	50.0														
✖	RS	20-21	EUR	CONT	ACTI	44.0														
✖	RS	21-22	EUR	CONT	ACTI	10.0	10.0	10.0	289.00	289.00										
✖	RS	22-23	EUR	CONT	ACTI	20.0														
✖	RS	23-00	EUR	CONT	ACTI															

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✖	RS	20-21	EUR	CONT	ACTI	44.0														
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✖	RS	22-23	EUR	CONT	ACTI	20.0														
✖	RS	23-00	EUR	CONT	ACTI															

Balancing Group

State

ACTI

Balancing Group

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ACTI

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✖	RS	23-00	EUR	CONT	ACTI															

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✖	RS	22-23	EUR	CONT	ACTI	20.0														
✖	RS	23-00	EUR	CONT	ACTI															

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✖	RS	20-21	EUR	CONT	ACTI	44.0														
✖	RS	21-22	EUR	CONT	ACTI	10.0	10.0	10.0	289.00											



M7 Setup for the Serbian Market



Serbian Market Intraday parameters

M7 Order Functionalites

Intraday orders on Serbian market will have the same additional functionalities as in the Slovenian and SIDC market.

ICB (IceBerg order)

Order with hidden quantity

FOK (Fill or Kill)

Executed immediately and entirely, or deleted

IOC (Immediate or Cancel)

Executed immediately with partial execution or deleted

AOB (All or None)

Executed completely or not at all

STP (Stop order)

Inactive order until the market reaches a certain price

OTC (Over the Counter)

Bilateral order executed outside exchange

GTD (Good Till Date)

Deleted outside exchange



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