



Transelectrica®
Societate Administrată în Sistem Dualist

MARKET MONITORING REPORT

Ancillary Services

March 2021



ANRE - Romanian Energy Regulatory Authority
HHI - Herfindahl-Hirschman Index
BRP - Balance Responsible Party
BM - Balancing Market
DAM - Day Ahead Market
TSO - Transmission System Operator
DU – Dispatchable Unit
PN – Physical Notification
NDC - National Dispatching Center
C1 – The market share of the largest market participant
C3 – Total market share of top 3 market participants
NPS – Minimum number of residual generators
TTC – Total Transfer Capacity
NTC – Net Transfer Capacity
ATC – Available Transfer Capacity
CMBC – Centralised Market for Electricity Bilateral Contracts
IDM – Intraday Market

According to the Commercial Code, Transelectrica, the Romanian Transmission System Operator, operates and monitors the activity of 3 types of markets: Balancing Market, Ancillary Services Market and Market for Allocation of Cross-Border Capacities.

Using the records from the markets data bases, Transelectrica prepares daily, weekly and monthly monitoring reports. A part of the data included in these reports (those data which are not confidential) are published on the website www.transelectrica.ro (section Transparency).

General Remarks

- The contracts signed between the Ancillary System Services Suppliers and Transelectrica covered 99,21% from TSO's necessary volume.
- The report contains requested quantities by Transelectrica (through NDC), contracted quantities based on bid amounts and realized quantities.
- 8 participants have supplied Ancillary Services: CE Hunedoara S.A., CE Oltenia S.A., Hidroelectrica S.A., Bepco S.R.L., Electro Energy Sud, OMV Petrom S.A., Veolia Energie Prahova, Veolia Energie Iasi.
- Transmission network losses have been contracted through CMBC market with: OMV Petrom (C42, C107, C476/2020), Hidroelectrica SA (C41, 60, C167/2020), Nuclearelectrica SA (C44/2020) și Next Energy Partners (C196/2020), total contracted quantity includes also the energy traded by Transelectrica on DAM, IDM and BM.

Ancillary Services

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Statistic Data

Average Prices [lei/hMW] and Costs [lei]

Reserves	Average weighted prices [lei/hMW]	Contracted services costs [lei]	Penalties for unfulfilled contracted services [lei]	Total costs Ancillary Services [lei]
Secondary regulation on / off consumption peak *	70.72	25,965,140.00	40,550.00	25,924,590.00
Fast Tertiary Regulation Upward	46.78	21,954,400.00	34,370.00	21,920,030.00
Fast Tertiary Regulation Downward	12.20	2,360,102.00	0.00	2,360,102.00
Slow Tertiary Regulation Upward	0.00	0.00	0.00	0.00
Network losses (CMBC)	257.70	8,597,102.91	0.00	8,597,102.91
Network losses (total)**	261.08	25,605,346.17	0.00	25,605,346.17

Quantities [hMW/h]

Requested	Reserves			Available regulation energy			Participants	
	Contracted	Realized	Not realized	average	min	max	Number	HHI
*500,00/500,00	*498,71/490,95	*498,13/489,95	*0,58/0,99	*516,05/504,56	*304,00/302,00	*702,00/730,00	3	3900
631.63	630.78	630.65	0.13				7	5591
265.48	260.29	260.29	0.00				5	4048
0.00	0.00	0.00	0.00				0	0
45	45	45	0.00				3	3438

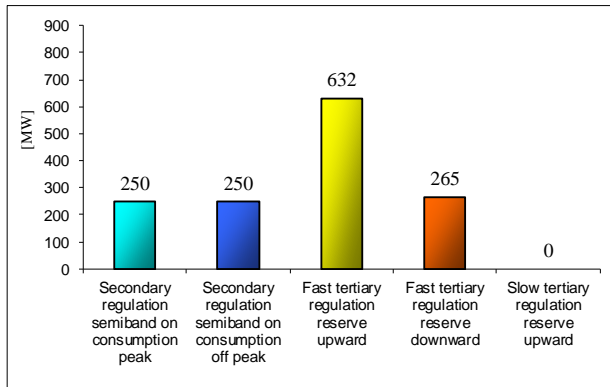
* Secondary regulation band on /off peak

** Including contracted quantities on CMBC, DAM, BM and IDM

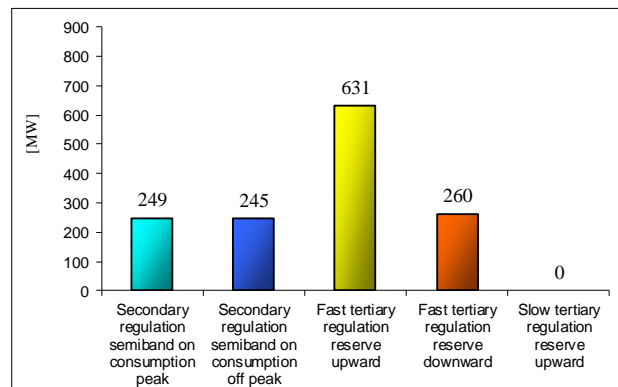
Note:

The average prices were calculated by deviding the total Ancillary Services to realized quantities
 The network losses were contracted with OMV Petrom (C42, C107, C476/2020), Hidroelectrica SA (C41, C60, C167/2020), Nuclearelectrica SA (C44/2020), Next Energy Partners (C196/2020).

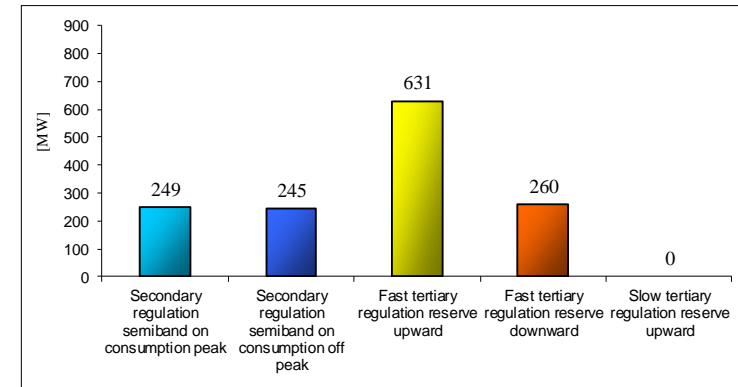
Average requested quantities [hMW/h]



Average contracted quantities [hMW/h]



Average realized quantities [hMW/h]



In March 2021, Ancillary Services contracts were concluded as a result of daily tenders organized by C.N.T.E.E. Transelectrica S.A. Necessary quantities to be purchased for Secondary Regulation Reserve, Upward and Downward Fast Tertiary remained at the level of the previous month. In the case of Slow Tertiary Reserve, no tenders were held.

Ancillary Services

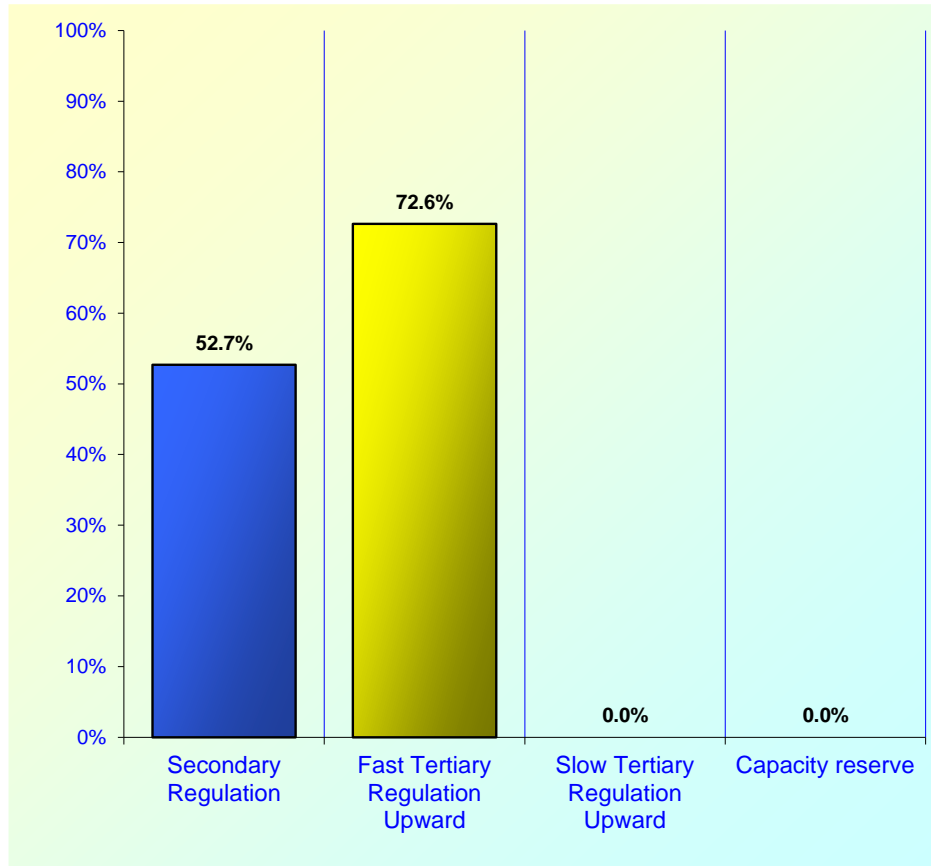


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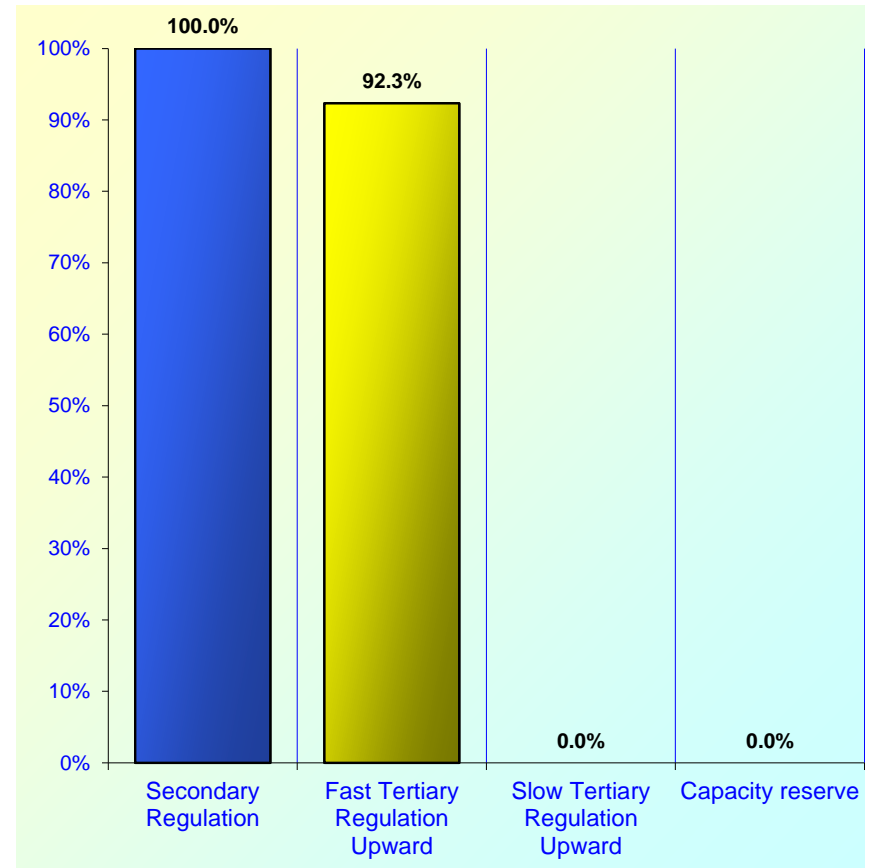
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Market share of the most significant Ancillary Services Market Participants

C1 (%) on type of regulation



C3 (%) on type of regulation



Public

Ancillary Services

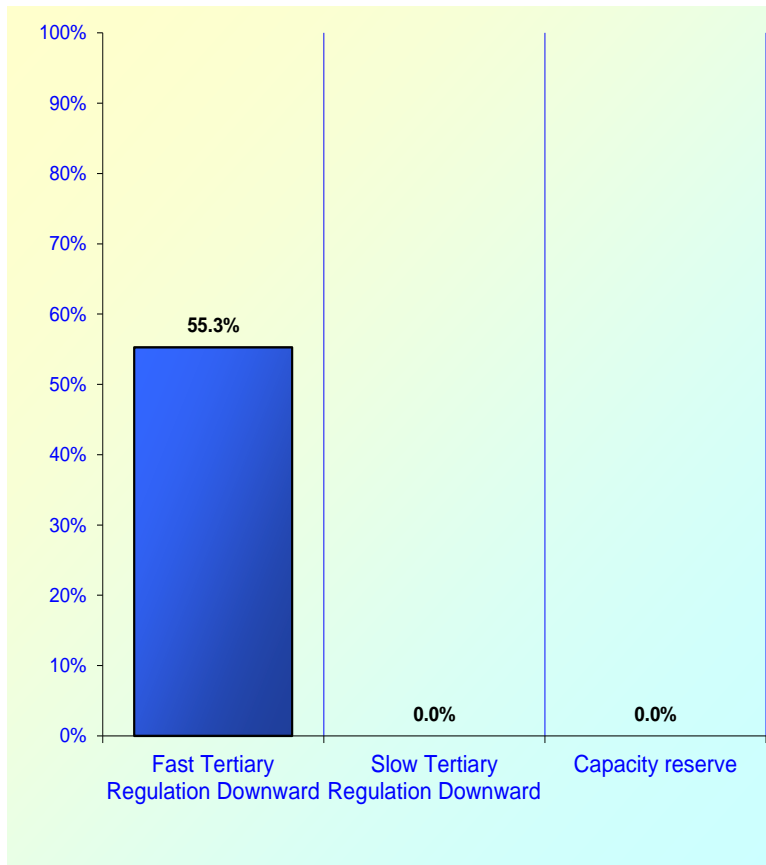


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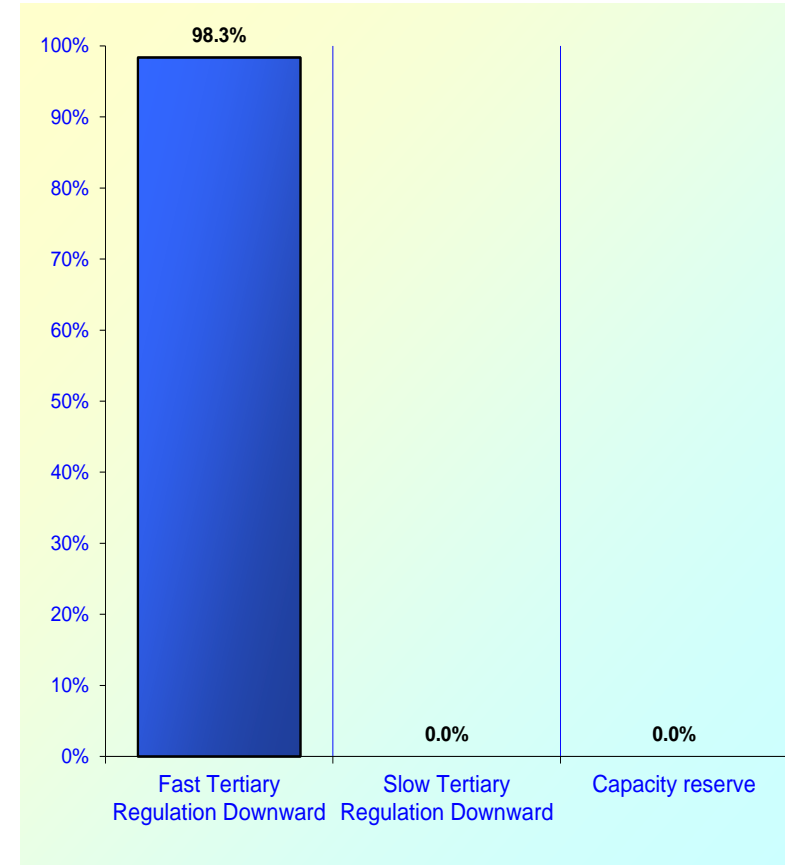
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Market share of the most significant Ancillary Services Market Participants

C1 (%) on type of regulation



C3 (%) on type of regulation



Public

Ancillary Services

Auction Price [lei/MWh] – Secondary Regulation



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Secondary Regulation Reserve	March 2021																										
	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max	
1	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
2	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	80.00	80.00	73.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	77.00	75.00	65.00	65.00	65.00	65.00	80.00
3	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	80.00	79.00	65.00	65.00	65.00	65.00	80.00
4	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
5	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
6	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
7	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
8	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	77.00	71.00	65.00	65.00	65.00	65.00	80.00
9	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	68.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	80.00	80.00	80.00	75.00	65.00	65.00	65.00	80.00
10	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	65.00	80.00	75.00	65.00	65.00	65.00	65.00	65.00	65.00	66.00	80.00	80.00	80.00	65.00	65.00	65.00	65.00	80.00
11	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	76.00	80.00	80.00	73.00	65.00	65.00	65.00	80.00
12	65.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
13	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
14	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
15	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	68.00	80.00	74.00	65.00	65.00	65.00	65.00	80.00
16	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	69.00	78.00	107.00	95.00	85.00	79.00	68.00	69.00	79.00	80.00	80.00	75.00	65.00	65.00	65.00	65.00	107.00
17	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
18	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	75.00	74.00	65.00	65.00	65.00	65.00	75.00
19	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	80.00	80.00	68.00	65.00	65.00	65.00	80.00
20	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00
21	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
22	65.00	65.00	65.00	65.00	65.00	65.00	65.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
23	80.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	80.00	80.00	65.00	65.00	65.00	80.00
24	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	80.00	80.00	70.00	65.00	65.00	65.00	80.00
25	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	80.00	80.00	77.00	65.00	65.00	65.00	80.00
26	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	80.00	80.00	72.00	65.00	65.00	65.00	80.00
27	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
28	80.00	80.00	0.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
29	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	80.00
30	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	67.00	80.00	73.00	65.00	65.00	80.00
31	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	73.00	69.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	80.00	72.00	65.00	65.00	65.00	80.00

Clearing Prices for auctions organized in March 2021 for Secondary Band Reserve were between 60 lei/hMW and 107 lei/hMW, in most time intervals (51.68%), the Clearing Price was 65 lei/hMW. The maximum price of 107 lei/hMW was registered in one of time interval (0.13%).



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Ancillary Services

Auction Price [lei/MWh] – Upward Fast Tertiary Regulation

Fast Tertiary Reserve - Upward	March 2021																										
	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max	
1	35.00	29.00	29.00	29.00	29.00	29.00	29.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	29.00	50.00	
2	29.00	29.00	29.00	29.00	29.00	29.00	29.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	29.00	50.00
3	29.00	29.00	29.00	29.00	29.00	29.00	29.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	29.00	50.00
4	29.00	29.00	29.00	29.00	29.00	29.00	29.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
5	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
6	35.00	29.00	29.00	29.00	29.00	29.00	29.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	50.00	35.00	50.00
7	35.00	35.00	35.00	35.00	35.00	35.00	35.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	35.00	40.00
8	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
9	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	29.00	50.00
10	29.00	29.00	29.00	29.00	29.00	29.00	29.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	29.00	50.00
11	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
12	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
13	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
14	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	40.00	50.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	50.00	50.00	50.00	50.00	35.00	50.00
15	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
16	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
17	35.00	29.00	29.00	29.00	29.00	29.00	29.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
18	35.00	29.00	29.00	29.00	29.00	29.00	29.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
19	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
20	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
21	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
22	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
23	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
24	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
25	40.00	35.00	35.00	35.00	35.00	35.00	35.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00
26	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
27	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	50.00	35.00	50.00
28	35.00	35.00	0.00	35.00	35.00	35.00	35.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	50.00	35.00	50.00
29	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
30	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00
31	35.00	35.00	35.00	35.00	35.00	35.00	35.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	35.00	50.00

Clearing Prices for auctions organized in March 2021 for upward Fast Tertiary Reserve were between 29 lei/hMW and 80 lei/hMW, in most time intervals (46.16%), the Clearing Price was 10 lei/hMW. The maximum price of 29 lei/hMW was registered in 13 time intervals (1.75%).



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Ancillary Services

Auction Price [lei/MWh] – Downward Fast Tertiary Regulation

Fast Tertiary Reserve - Downward	March 2021																										
	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max	
1	10.00	20.00	20.00	20.00	20.00	20.00	12.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	20.00
2	9.95	15.00	15.00	15.00	15.00	15.00	15.00	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	15.00
3	15.00	15.00	15.00	15.00	15.00	15.00	15.00	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	15.00	15.00	15.00	15.00
4	9.95	17.00	17.00	17.00	17.00	17.00	17.00	10.00	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	12.00	17.00
5	9.95	17.00	17.00	17.00	17.00	17.00	17.00	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	17.00
6	15.00	29.00	29.00	29.00	29.00	29.00	29.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	29.00	29.00
7	20.00	29.00	29.00	29.00	29.00	29.00	29.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	10.00	10.00	15.00	15.00	15.00	15.00	15.00	15.00	29.00
8	15.00	17.00	17.00	17.00	17.00	17.00	17.00	10.00	10.00	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	17.00
9	9.95	12.00	12.00	12.00	12.00	12.00	12.00	12.00	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	12.00
10	10.00	15.00	15.00	15.00	15.00	15.00	15.00	10.00	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	15.00
11	12.00	15.00	15.00	15.00	15.00	15.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	15.00
12	12.00	15.00	15.00	15.00	15.00	15.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	12.00	15.00
13	15.00	20.00	20.00	20.00	20.00	20.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	17.00	20.00
14	20.00	20.00	20.00	20.00	20.00	20.00	20.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	12.00	12.00	15.00	15.00	15.00	15.00	15.00	20.00	20.00
15	17.00	17.00	17.00	17.00	17.00	17.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	12.00	17.00
16	10.00	12.00	12.00	12.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	12.00
17	10.00	12.00	12.00	12.00	12.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	12.00	12.00
18	15.00	17.00	17.00	17.00	17.00	17.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	12.00	17.00
19	10.00	12.00	12.00	12.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	12.00
20	12.00	12.00	12.00	12.00	12.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	17.00
21	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	12.00	12.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
22	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	15.00
23	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	12.00
24	10.00	12.00	12.00	12.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	12.00	12.00
25	10.00	12.00	12.00	12.00	12.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	12.00
26	10.00	12.00	12.00	12.00	12.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	12.00	12.00
27	29.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	20.00	29.00
28	20.00	12.00	0.00	12.00	12.00	12.00	12.00	12.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	12.00	12.00	15.00	15.00	15.00	15.00	15.00	15.00	20.00	20.00
29	17.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	12.00	17.00
30	10.00	12.00	12.00	12.00	12.00	12.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	12.00
31	10.00	15.00	15.00	15.00	15.00	15.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	12.00	15.00

Clearing Prices for auctions organized in March 2021 for downward Fast Tertiary Reserve were between 9.95 lei/hMW and 29 lei/hMW, in most time intervals (46.16%), the Clearing Price was 10 lei/hMW. The maximum price of 29 lei/hMW was registered in 13 of time intervals (1.75%).

Ancillary Services



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Auction Price [lei/MWh] additional organized tenders – Secondary Regulation

Secondary Regulation Reserve - additional tenders	March 2021																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max
ziua	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Max
21	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80.00

At the daily tenders organized in March 2021 for the Secondary Regulation Band, there were several time intervals on 01.03, 06.03 - 08.03, 14.03 - 16.03.2021, 21.03 - 22.03.2021, 28.03 - 29.03.2021, in which was not purchased the entire required quantity. In order to cover the necessary, additional tender sessions were organized for the intervals left uncovered from 16.03, 21.03 - 22.03 and 28.03 - 29.03.2021, but only for the time interval 1 from 21.03, bids were received.

Auction Price [lei/MWh] additional organized tenders – Downward Fast Tertiary Regulation

Fast Tertiary Reserve Downward - additional tenders	March 2021																								Max		
	ziua	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		24	
19		12.00	12.00	12.00	12.00	12.00																				12.00	
20		17.00	17.00	17.00	17.00	17.00																					17.00
21	20.00																										20.00
23		17.00	17.00	17.00	17.00	17.00																					17.00
24		12.00	12.00	12.00	12.00	12.00																					12.00

In the case of tenders for Downward Fast Tertiary Reserve, there were several time intervals from the periods 19.03 - 24.03.2021 and 27.03 - 29.03.2021 in which the entire required quantity was not purchased. In order to cover the necessary, additional tender sessions were organized for the intervals that remained uncovered from 19.03 to 24.03.2021 and from 27.03 to 29.03.2021. At the auctions for 22.03, 27.03 – 29.03.2021, there were no participants.

The clearing prices at the **additional** tenders organized in March 2021 for Downward Fast Tertiary Reserve were between 12 lei/hMW and 20 lei/hMW, in most hourly intervals, the price being 12 lei/hMW (45.45%). The maximum price of 20 lei/hMW was registered in one of the time intervals for which additional tenders were organized.



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