



Transelectrica®
Societate Administrată în Sistem Dualist

MARKET MONITORING REPORT

Ancillary Services

February 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

- With the implementation of the 15-minute settlement interval in the Balancing Market, the same granularity was implemented for the tenders for the Ancillary Services reserves. Following the auctions on 1st and 2nd of February 2021, it was considered that the use of the product for a quarter of an hour is not justified, which is why, given that Regulation (EU) 2019/943 of the European Parliament and of the Council of 5 June 2019 on the electricity market does not provide for this obligation, it returned to the product with a one hour resolution, starting with 3rd of February 2021.
- The contracts signed between the Ancillary System Services Suppliers and Transelectrica covered 97.79% from TSO's necessary volume.
- The report contains requested quantities by Transelectrica (through NDC), contracted quantities based on bid amounts and realized quantities.
- 9 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, Romgaz S.A.
- Transmission network losses have been contracted through CMBC market with: OMV Petrom S.A. (C42, C107, C476/2020), Hidroelectrica S.A. (C41, 60, C167/2020), Nuclearelectrica S.A. (C44/2020), 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 *	68.75	22,022,160.00	13,390.00	22,008,770.00
Fast Tertiary Regulation Upward	46.84	19,768,100.00	64,493.00	19,703,607.00
Fast Tertiary Regulation Downward	12.07	2,107,831.50	0.00	2,107,831.50
Slow Tertiary Regulation Upward	0.00	0.00	0.00	0.00
Network losses (CMBC)	259.47	7,829,084.26	0.00	7,829,084.26
Network losses (total)**	251.99	26,796,528.99	0.00	26,796,528.99

Quantities [hMW/h]

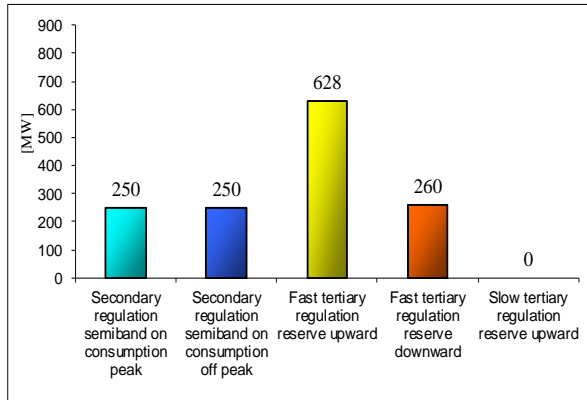
Requested	Reserves			Available regulation energy			Participants	
	Contracted	Realized	Not realized	average	min	max	Number	HHI
*500,00/500,00	*492,49/465,35	*492,27/465,06	*0,21/0,29	*516,37/491,49	*288,00/268,00	*704,00/744,00	4	3744
627.98	627.90	625.94	1.96				7	5609
259.80	259.80	259.80	0.00				6	4171
0.00	0.00	0.00	0.00				0	0
45	45	45	0.00				4	2847

* Secondary regulation band on /off peak

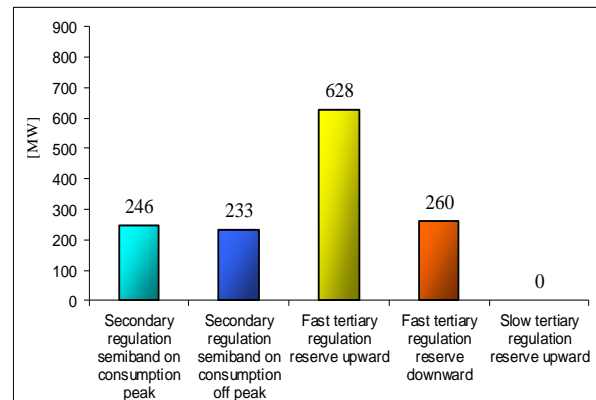
** Including contracted quantities on CMBC, DAM, BM and IDM

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, 60, C167/2020), Nuclearelectrica SA (C44/2020), Next Energy Partners (C196/2020).

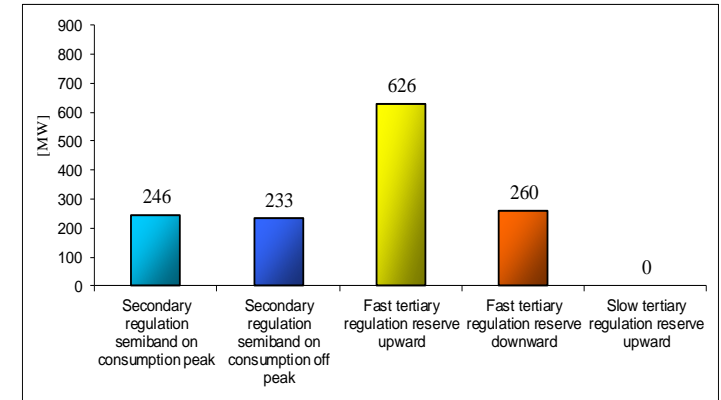
Average requested quantities [hMW/h]



Average contracted quantities [hMW/h]



Average realized quantities [hMW/h]



In February 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 increased from the level of values in January 2021. In case Upward and Downward Fast Tertiary necessary quantities the values remained at the level of the previous month. In the case of Slow Tertiary Reserve, no tenders were held.

Ancillary Services

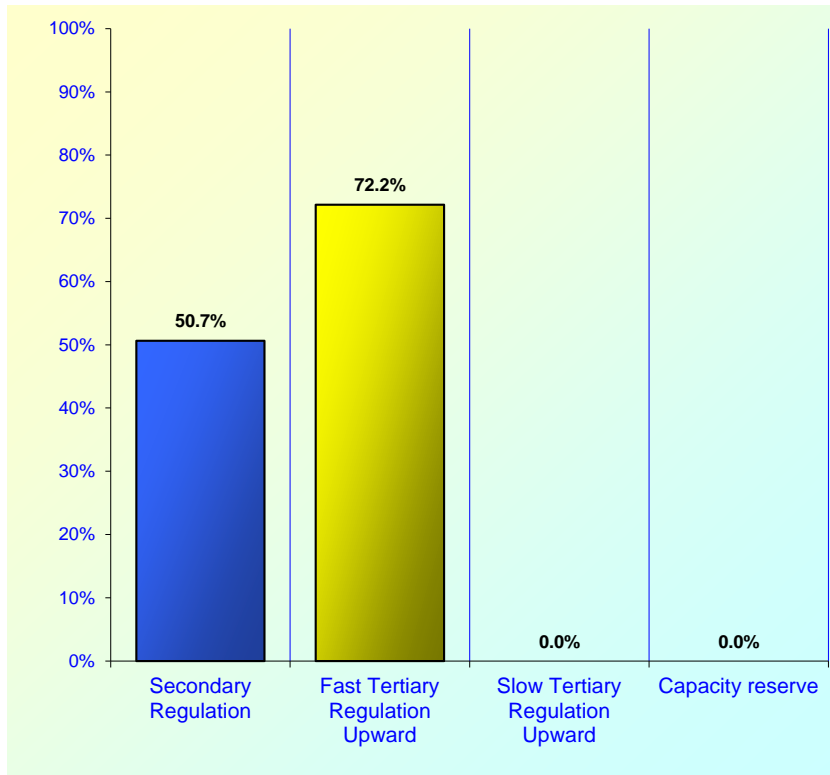


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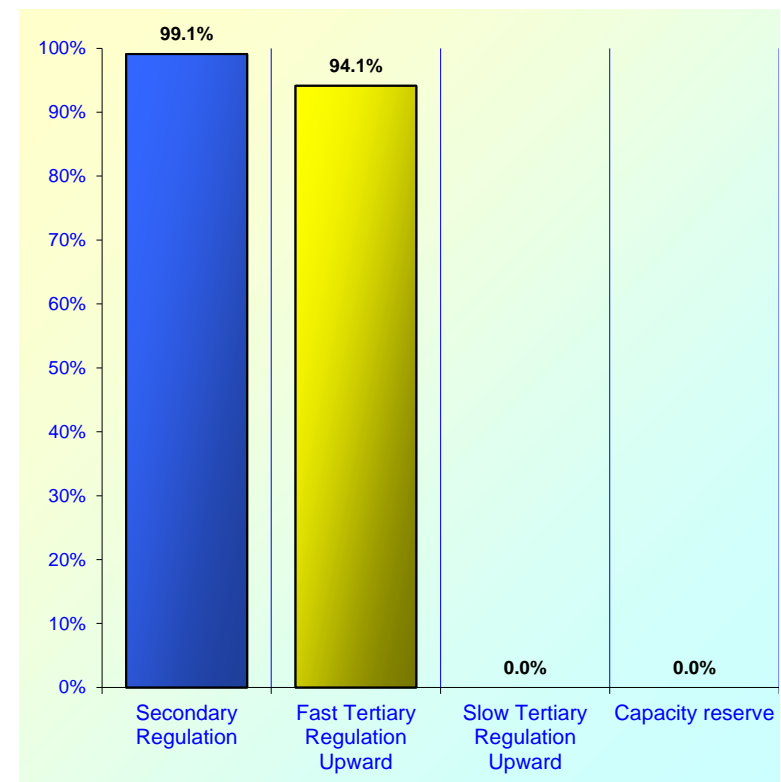
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Market share of the most significant Ancillary Services Market Participants

C1 (%) on type of regulation



C3 (%) on type of regulation

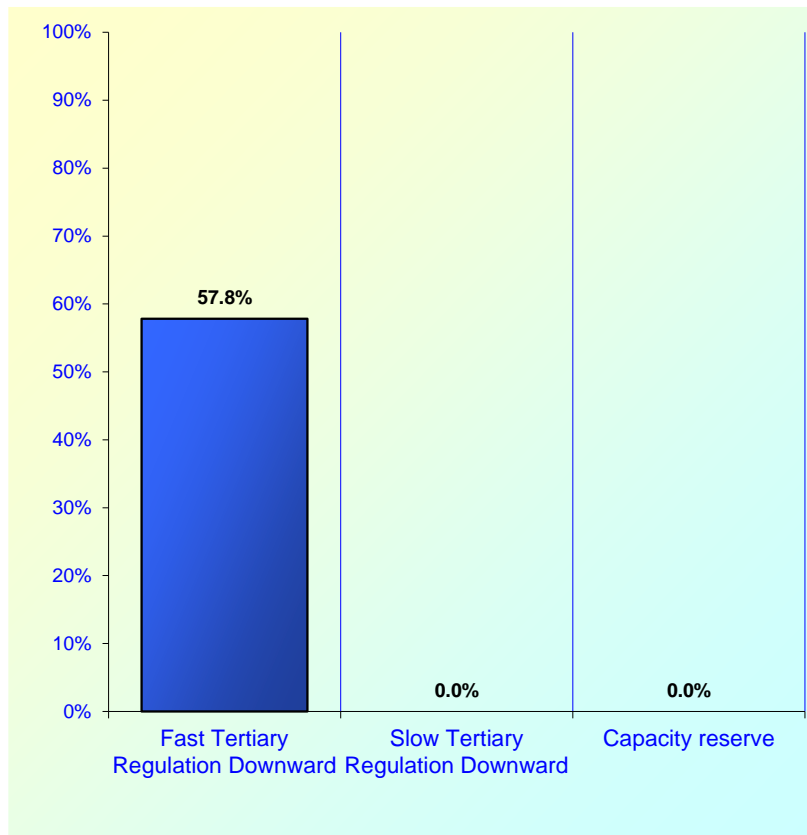


Ancillary Services

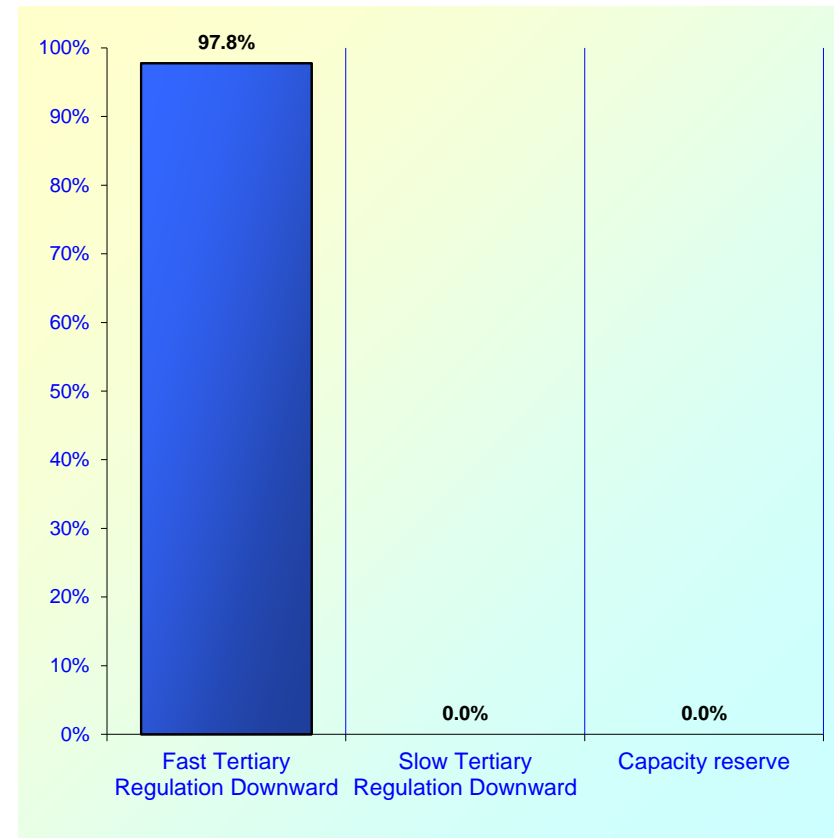


Market share of the most significant Ancillary Services Market Participants

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	February 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	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
2	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
3	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	73.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	78.00	65.00	60.00	80.00
4	60.00	60.00	60.00	60.00	60.00	60.00	80.00	60.00	60.00	66.00	74.00	68.00	62.45	60.00	60.00	60.00	60.00	60.00	60.00	74.00	79.00	72.00	60.45	60.00	60.00	80.00
5	60.00	60.00	60.00	60.00	60.00	60.00	60.00	80.00	60.00	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	75.00	60.00	60.00	80.00
6	60.00	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
7	60.00	60.00	60.00	60.00	60.00	60.00	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	60.00	60.00	60.00	60.00	60.00	60.00	80.00	80.00	80.00	80.00	80.00	80.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	65.00	65.00	60.00	60.00	60.00	60.00	80.00
9	60.00	60.00	60.00	60.00	60.00	60.00	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	65.00	80.00
10	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	63.45	60.00	60.00	60.00	60.00	63.45
11	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	62.45	70.00	78.00	71.00	65.00	61.45	60.00	60.00	60.45	69.00	76.00	76.00	65.00	60.00	60.00	60.00	78.00
12	60.00	60.00	60.00	60.00	60.00	60.00	60.00	80.00	60.00	60.00	65.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.45	78.00	76.00	66.00	60.00	60.00	60.00	80.00
13	60.00	75.00	75.00	75.00	75.00	75.00	75.00	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	60.00	60.00	60.00	60.00	60.00	60.00	60.00	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	60.00	60.00	60.00	60.00	60.00	60.00	60.00	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	80.00
16	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	69.00	64.00	64.00	64.00	64.00	64.00	64.00	64.00	67.00	80.00	80.00	80.00	80.00	77.00	65.00	64.00	80.00
17	60.00	60.00	60.00	60.00	60.00	60.00	60.00	64.45	80.00	80.00	80.00	80.00	79.00	75.00	71.00	65.00	66.00	80.00	80.00	80.00	80.00	80.00	66.00	64.00	64.00	80.00
18	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	80.00	80.00	75.00	70.00	65.00	64.00	64.00	64.00	64.00	65.00	74.00	73.00	64.00	64.00	64.00	64.00	64.00	80.00
19	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	69.00	76.00	69.00	65.00	65.00	65.00	65.00	65.00	70.00	80.00	80.00	80.00	80.00	80.00	65.00	64.00	64.00	80.00
20	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
21	80.00	60.00	60.00	60.00	60.00	60.00	60.00	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	80.00	60.00	60.00	60.00	60.00	60.00	60.00	80.00	80.00	80.00	80.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	70.00	65.00	65.00	65.00	65.00	65.00	80.00
23	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	65.00	65.00	65.00	65.00	80.00
24	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	78.00	65.00	65.00	65.00	65.00	78.00
25	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	65.00	68.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	77.00	65.00	65.00	65.00	65.00	77.00
26	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	72.00	80.00	74.00	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
28	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

Clearing Prices for auctions organized in February 2021 for Secondary Band Reserve were between 60 lei/hMW and 80 lei/hMW, in most time intervals (35.42%), the Clearing Price was 60 lei/hMW. The maximum price of 80 lei/hMW was registered in 177 of time intervals (26.34%).

In the case of tenders organized with a granularity of 15 minutes for 1st and 2nd of February 2021, the closing price did not vary from a quarter of an hour to another, in the table above, being represented the price per hour interval.

Ancillary Services

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



Fast Tertiary Reserve - Upward	February 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	
1	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00
2	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00
3	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
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	29.00	50.00
5	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
6	35.00	35.00	35.00	35.00	35.00	35.00	40.00	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
7	35.00	35.00	35.00	35.00	35.00	35.00	40.00	40.00	40.00	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
8	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
9	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
10	40.00	35.00	35.00	35.00	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
11	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
12	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	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
14	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
15	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	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	35.00	80.00
17	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
18	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
19	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	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	40.00	40.00	40.00	40.00	40.00	35.00	50.00
21	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
22	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	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	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	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
26	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
27	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
28	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 February 2021 for upward Fast Tertiary Reserve were between 29 lei/hMW and 80 lei/hMW, in most time intervals (52.68%), the Clearing Price was 50 lei/hMW. The maximum price of 80 lei/hMW was registered in 17 of time intervals (2.53%).

In the case of tenders organized with a granularity of 15 minutes for 1st and 2nd of February 2021, the closing price did not vary from a quarter of an hour to another, in the table above, being represented the price per hour interval.

Ancillary Services

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

Transelectrica®

Societate Administrată în Sistem Dualist

Fast Tertiary Reserve - Downward	February 2021																								Max	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
1	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	10.00	10.00	10.00	10.00	10.00	10.00
2	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	9.95	9.95	9.95	9.95	9.95	9.95	9.95
3	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	9.95	9.95	9.95	9.95	9.95	9.95	9.95
4	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.95	9.95	9.95	9.95	9.95	9.95	9.95	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
5	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	10.00	10.00	10.00	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	10.00	10.00	10.00	10.00	10.00	10.00	10.00
6	20.00	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	15.00	20.00
7	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	12.00	12.00	17.00	17.00	17.00	17.00	17.00	17.00	20.00
8	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	12.00	12.00	12.00	12.00	12.00	9.95	9.95	9.95	9.95	9.95	9.95	10.00	10.00	10.00	10.00	10.00	10.00	15.00
9	12.00	10.00	10.00	10.00	10.00	12.00	12.00	10.00	10.00	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	9.95	10.00	10.00	10.00	10.00	10.00	10.00	10.00	12.00
10	9.00	12.00	12.00	12.00	12.00	12.00	15.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	15.00
11	12.00	17.00	17.00	17.00	17.00	17.00	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	10.00	17.00
12	9.00	9.00	9.00	9.00	9.00	9.00	9.00	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
13	9.00	9.00	9.00	9.00	9.00	9.00	9.00	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	15.00
14	9.00	9.00	9.00	9.00	9.00	9.00	9.00	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	15.00
15	9.00	9.00	9.00	9.00	9.00	9.00	9.00	10.00	10.00	10.00	10.00	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	10.00	10.00
16	9.00	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
17	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
18	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
19	13.00	13.00	13.00	13.00	13.00	13.00	13.00	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	13.00
20	20.00	-	-	-	-	-	-	14.00	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	20.00
21	17.00	-	-	-	-	-	-	-	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	17.00
22	11.00	-	-	-	-	-	-	-	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	12.00
23	10.00	15.00	15.00	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	15.00
24	9.95	15.00	15.00	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	15.00
25	9.95	15.00	15.00	15.00	15.00	15.00	13.00	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
26	9.95	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	15.00
27	17.00	28.00	28.00	28.00	28.00	28.00	28.00	17.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	17.00	28.00
28	17.00	28.00	28.00	28.00	28.00	28.00	28.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	12.00	12.00	17.00	17.00	17.00	17.00	17.00	17.00	28.00

Clearing Prices for auctions organized in February 2021 for downward Fast Tertiary Reserve were between 9 lei/hMW and 28 lei/hMW, in most time intervals (31.55%), the Clearing Price was 10 lei/hMW. The maximum price of 28 lei/hMW was registered in 11 of time intervals (1.68%). In the case of the tenders from 20th of February till 22nd of February 2021, there were several time intervals (2 - 6 on the 20th and 2 - 7 on 21st and 22nd of February 2021) in which no participant submitted bids.

In the case of tenders organized with a granularity of 15 minutes for 1st and 2nd of February 2021, the closing price did not vary from a quarter of an hour to another, in the table above, being represented the price per hour interval.

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

Secondary Regulation Reserve - additional tenders	February 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
12	-	-	-	-	-	-	-	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80.00
13	-	-	-	-	-	-	-	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80.00
22	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80.00

At the daily tenders organized in February 2021 for the Secondary Regulation Reserve, there were several time intervals from 08.02 to 28.02.2021 in which the entire necessary quantity was not purchased. In order to cover the necessary, **additional** auction sessions were organized for the intervals not covered from 08.02 - 10.02, 12.02 - 14.02.2021, 15.02.2021, 21.02 - 22.02.2021 and 27.02 - 28.02.2021, but only at the auctions for on 12.02, 13.02 and 22.02.2021 participants presented themselves.

The closing price for **additional** tenders organized in February 2021 for the Secondary Regulation Reserve was 80 lei/hMW, in all 9 time intervals.

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

Fast Tertiary Reserve - Downward - additional tenders	February 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
12	-	15.00	15.00	15.00	15.00	15.00	15.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.00
13	12.00	12.00	12.00	12.00	12.00	12.00	8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.00
14	8.00	8.00	8.00	8.00	8.00	8.00	8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.00
15	8.00	8.00	8.00	8.00	8.00	8.00	8.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.00
16	12.00	12.00	12.00	12.00	12.00	12.00	12.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.00
17	-	11.00	11.00	11.00	11.00	11.00	11.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.00
18	-	10.00	10.00	12.00	12.00	12.00	10.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.00
19	12.00	15.00	15.00	15.00	15.00	15.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.00
20	10.00	20.00	20.00	20.00	20.00	20.00	15.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.00
21	-	15.00	15.00	15.00	15.00	15.00	20.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.00
22	-	15.00	15.00	15.00	15.00	15.00	15.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.00

At the daily tenders organized in February 2021 for downward Fast Tertiary Reserve, there were several hourly intervals from 10.02 to 22.02.2021 in which the entire necessary quantity was not purchased. In order to cover the necessary quantities, **additional** tender sessions were organized for the intervals left uncovered from 10.02.2021 and from 12.02 to 22.02.2021. No participants showed up for the auction on 10.02.

The closing prices at the **additional** tenders organized in February 2021 for downward Fast Tertiary Reserve were between 8 lei/hMW and 20 lei/hMW, in most hourly intervals, the price being 8 lei/hMW. The maximum price of 20 lei/hMW was registered in 6 of the time intervals for which additional tenders were organized.



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