



**Transelectrica®**  
Societate Administrată în Sistem Dualist

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# **MARKET MONITORING REPORT**

## **Ancillary Services**

### **August 2020**

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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](http://www.transelectrica.ro) (section Transparency).



## General Remarks

- The contracts signed between the Ancillary System Services Suppliers and Transelectrica covered 100% from TSO's necessary volume.
- The report contains requested quantities by Transelectrica (through NDC), contracted quantities based on ANRE decisions, 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, Electrocentrale Bucuresti S.A., OMV Petrom S.A., Romgaz S.A., Veolia Energie Prahova S.R.L.
- Transmission network losses have been contracted through CMBC market with: ENGIE Romania (C807, 808/2019), Entrex Services (C789, C854/2019), GEN-I doo (C763, C780/2019), Renovatio Trading (C790, C791/2019), Next Energy Partners (C949/2019), Tinmar Energy (C765/2019), CE Oltenia (C43, C108/2020), 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]			
	Average weighted prices [lei/hMW]	Contracted services costs [lei]	Penalties for unfulfilled contracted services [lei]	Total costs Ancillary Services [lei]
Reserves				
Secondary regulation on / off consumption peak *	59.30	18,567,700.00	20,724.00	18,546,976.00
Fast Tertiary Regulation	37.36	15,056,600.00	534.00	15,056,066.00
Slow Tertiary Regulation	13.31	3,961,056.00	0.00	3,961,056.00
Network losses (CMBC)	268.34	10,529,502.00	0.00	10,529,502.00
Network losses (total)**	248.69	18,317,286.63	0.00	18,317,286.63

	Quantities [hMW/h]				Participants				
	Reserves		Available regulation energy		Number	HHI			
Requested	Contracted	Realized	Not realized	average				min	max
Secondary regulation on / off consumption peak *	*450,00/400,00	*450,00/400,00	*449,42/399,59	*0,58/0,41	*485,54/433,96	*410/374	*650/600	3	3380
Fast Tertiary Regulation	541.67	541.67	541.65	0.02				8	4222
Slow Tertiary Regulation	400.00	400.00	400.00	0.00				1	10000
Network losses (CMBC)	53	53	53	0				7	2173

\* Secondary regulation band on / off peak

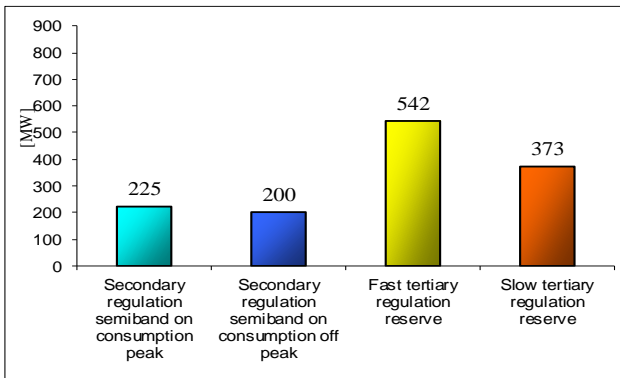
\*\* Including contracted quantities on CMBC, DAM, BM and IDM

### Note:

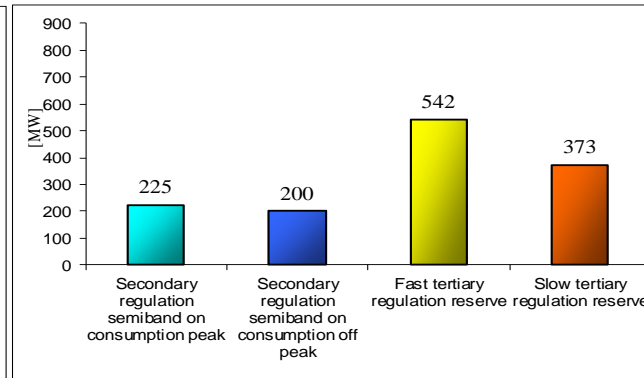
The average prices were calculated by deviding the total Ancillary Services to realized quantities

The network losses were contracted with ENGIE Romania (C807, 808/2019), Entrex Services (C789, C854/2019), GEN-I doo (C763, C780/2019), Renovatio Trading (C790, C791/2019), Next Energy Partners (C949/2019), Tinmar Enerov (C765/2019), CE Oltenia (C43, C108/2020).

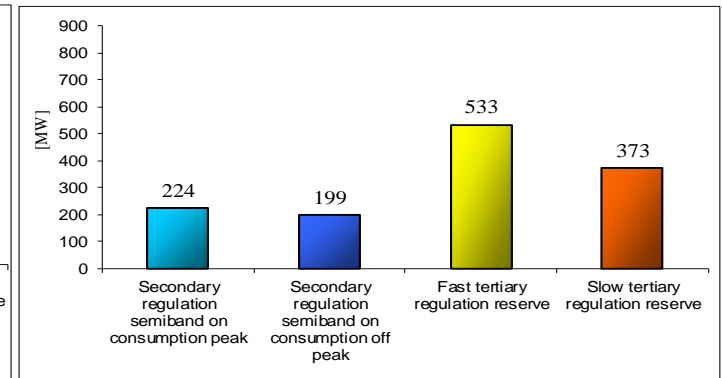
Average requested quantities [hMW/h]



Average contracted quantities [hMW/h]



Average realized quantities [hMW/h]



Against the background of the decrease of internal consumption and the predominant use of decreasing reserves, the diminished values of quantities necessary to be purchased for Secondary Regulation Reserve and Fast Tertiary Reserve were maintained, without endangering the operational safety. In the case of Slow Tertiary Reserve, only the regulated quantity of 400 hMW/h was purchased.

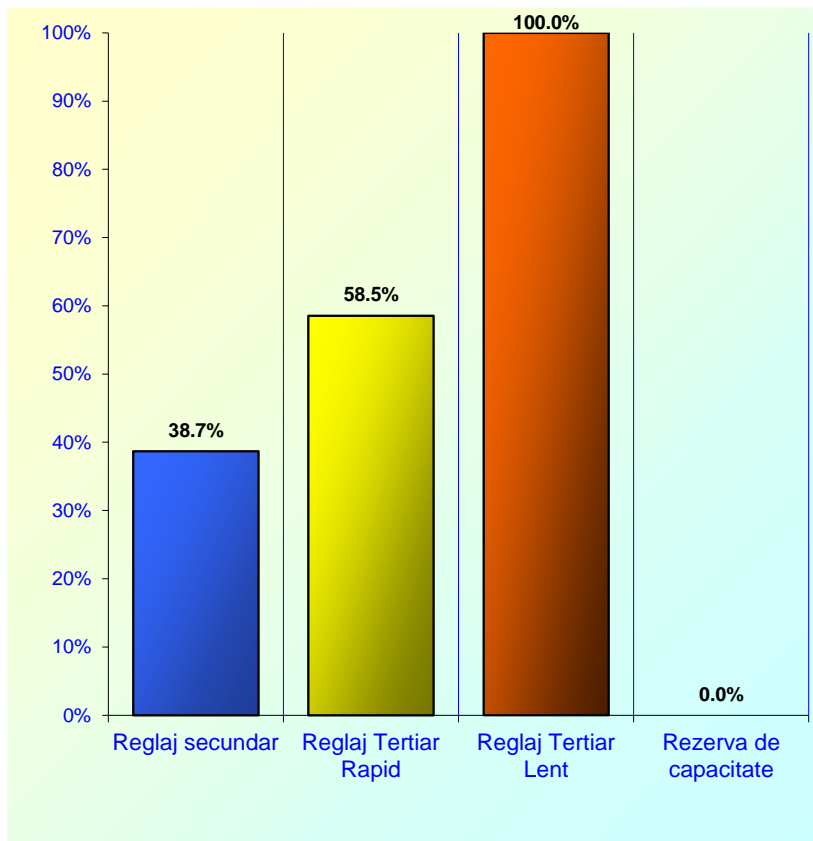
# Ancillary Services



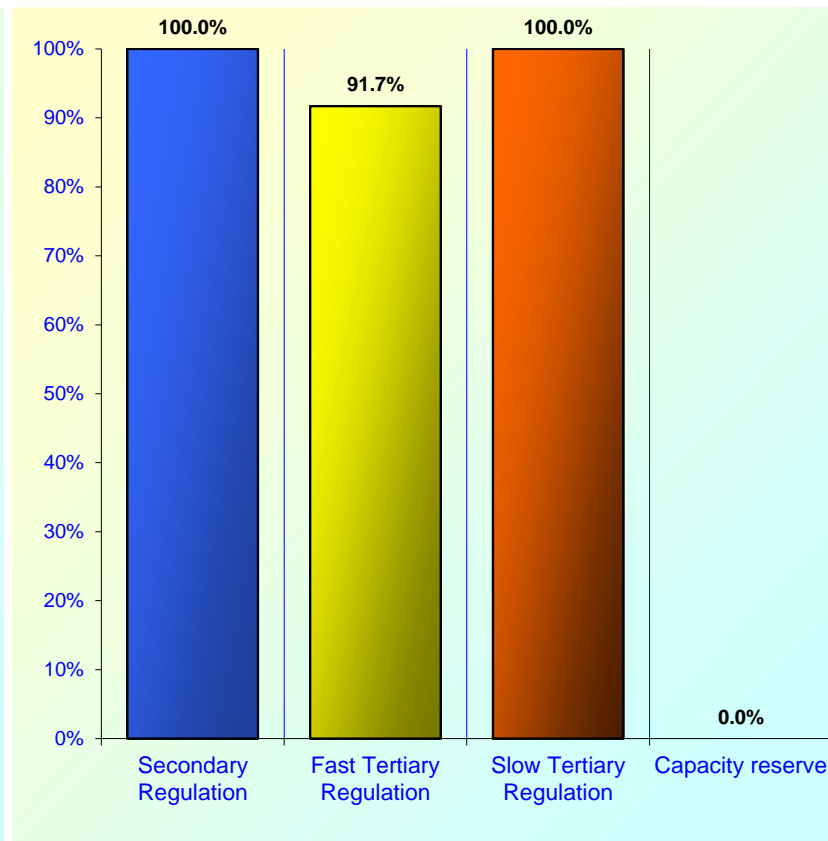
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## Market share of the most significant Ancillary Services Market Participants

C1 (%) on type of regulation



C3 (%) on type of regulation





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# Ancillary Services

## Auction Price [lei/MWh] – Secondary Regulation

Secondary Regulation Reserve	August 2020																										
	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	44.00	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	60.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
2	44.00	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	65.00	65.00
3	44.00	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	64.00	62.00	56.00	56.00	55.00	56.00	53.00	49.00	51.00	60.00	60.00	62.00	65.00	60.00	60.00	60.00	65.00
4	44.00	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	68.00	62.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	62.00	65.00	72.00	76.00	71.00	60.00	60.00	76.00
5	44.00	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	63.00	56.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	60.00	60.00	63.00	69.00	65.00	60.00	60.00	69.00
6	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	60.00	63.00	59.00	59.00	59.00	59.00	59.00	59.00	59.00	59.00	60.00	60.00	70.00	76.00	64.00	60.00	60.00	76.00
7	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	60.00	60.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	66.00	67.00	60.00	60.00	60.00	67.00
8	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	60.00	60.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	61.00	60.00	60.00	60.00	61.00
9	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	80.00
10	65.00	65.00	65.00	65.00	65.00	65.00	80.00	80.00	80.00	80.00	80.00	80.00	53.00	57.00	59.00	60.00	60.00	60.00	61.00	63.00	66.00	73.00	72.00	60.00	60.00	60.00	80.00
11	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	80.00
12	44.00	45.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	60.00	60.00	55.00	51.00	52.00	55.00	56.00	56.00	54.00	56.00	60.00	65.00	71.00	73.00	61.00	60.00	60.00	73.00
13	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	60.00	60.00	52.00	48.00	48.00	49.00	50.00	50.00	50.00	53.00	60.00	63.00	67.00	68.00	60.00	60.00	60.00	68.00
14	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	60.00	60.00	53.00	51.00	50.00	50.00	48.00	47.00	47.00	48.00	60.00	60.00	65.00	65.00	60.00	60.00	60.00	65.00
15	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	60.00	60.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
16	44.00	60.00	60.00	60.00	60.00	60.00	65.00	65.00	65.00	65.00	65.00	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
17	60.00	60.00	60.00	60.00	60.00	60.00	80.00	80.00	60.00	60.00	60.00	51.00	49.00	48.00	47.00	44.00	44.00	46.00	49.00	60.00	60.00	65.00	65.00	60.00	60.00	60.00	80.00
18	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	60.00	63.00	59.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	60.00	60.00	69.00	67.00	60.00	60.00	60.00	69.00
19	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	60.00	68.00	65.00	60.00	57.00	57.00	57.00	57.00	57.00	57.00	60.00	64.00	68.00	69.00	60.00	60.00	60.00	69.00
20	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	60.00	66.00	63.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	63.00	71.00	73.00	60.00	60.00	60.00	73.00
21	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	60.00	60.00	59.00	59.00	59.00	59.00	59.00	59.00	59.00	59.00	60.00	60.00	67.00	67.00	60.00	60.00	60.00	67.00
22	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	60.00	60.00	58.00	58.00	58.00	58.00	58.00	58.00	58.00	58.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
23	60.00	60.00	60.00	60.00	60.00	60.00	65.00	65.00	65.00	65.00	65.00	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
24	60.00	60.00	60.00	60.00	60.00	65.00	80.00	80.00	80.00	80.00	62.00	59.00	59.00	59.00	59.00	59.00	59.00	59.00	59.00	60.00	64.00	73.00	72.00	60.00	60.00	60.00	80.00
25	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	64.00	69.00	65.00	60.00	59.00	59.00	59.00	59.00	59.00	59.00	59.00	64.00	70.00	77.00	78.00	60.00	60.00	60.00	78.00
26	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	60.00	60.00	59.00	59.00	59.00	59.00	59.00	59.00	59.00	59.00	60.00	63.00	77.00	77.00	60.00	60.00	60.00	77.00
27	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	67.00	72.00	69.00	65.00	66.00	66.00	66.00	66.00	65.00	63.00	62.00	65.00	75.00	80.00	80.00	61.00	60.00	60.00	80.00
28	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	71.00	73.00	68.00	66.00	66.00	68.00	68.00	68.00	65.00	64.00	64.00	65.00	72.00	80.00	80.00	65.00	60.00	60.00	80.00
29	44.00	44.00	44.00	44.00	44.00	44.00	60.00	60.00	60.00	60.00	60.00	59.00	59.00	59.00	59.00	59.00	59.00	59.00	59.00	60.00	65.00	75.00	75.00	61.00	60.00	60.00	75.00
30	44.00	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	72.00	78.00	78.00	65.00	60.00	60.00	78.00
31	60.00	60.00	60.00	60.00	60.00	65.00	80.00	60.00	73.00	75.00	75.00	71.00	70.00	72.00	74.00	75.00	74.00	75.00	78.00	80.00	80.00	80.00	80.00	80.00	76.00	65.00	80.00

Clearing Prices for auctions organized in August 2020 for Secondary Band Reserve were between 44 lei/hMW and 80 lei/hMW, in most time intervals (20.7%), the Clearing Price was 44 lei/hMW. The maximum price of 80 lei/hMW was registered in 53 of time intervals (7.12%).







## Contact

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