



Transelectrica®
Societate Administrată în Sistem Dualist

MARKET MONITORING REPORT

Ancillary Services

April 2020



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 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.
- 10 participants have supplied Ancillary Services: CE Hunedoara S.A., CE Oltenia S.A., Hidroelectrica S.A., Romgaz S.A., Bepco S.R.L., Electro Energy Sud, Electrocentrale Bucuresti S.A., OMV Petrom S.A., Veolia Energie Iasi, Veolia Energie Prahova.
- Transmission network losses have been contracted through CMBC market with: Electromagnetica SA (C959/2019), ENGIE Romania (C807, 808/2019), Entrex Services (C789, C854/2019), GEN-I doo (C763, C780/2019), Monsson Trading (C873/2019), Renovatio Trading (C790, C791/2019), Tinmar Energy (C765/2019), total contracted quantity includes also the energy traded by Transelectrica on DAM, IDM and BM.

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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 *	77.07	23,400,000.00	95,200.00	23,304,800.00
Fast Tertiary Regulation	47.15	19,433,000.00	113,060.00	19,319,940.00
Slow Tertiary Regulation	17.14	4,936,320.00	0.00	4,936,320.00
Network losses (CMBC)	274.86	10,400,660.80	0.00	10,400,660.80
Network losses (total)**	237.94	14,316,650.99	0.00	14,316,650.99

Quantities [hMW/h]

Requested	Reserves			Available regulation energy			Participants	
	Contracted	Realized	Not realized	average	min	max	Number	HHI
*450,00/400,00	*449,33/400,48	*447,97/400,00	*1,37/0,48	*481,59/425,30	*382/370	*618/610	4	6071
570.83	570.83	569.08	1.75				8	6101
400.00	400.00	400.00	0.00				1	10000
52.56	52.56	52.56	0.00				8	2001

* Secondary regulation band on /off peak

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

Note:

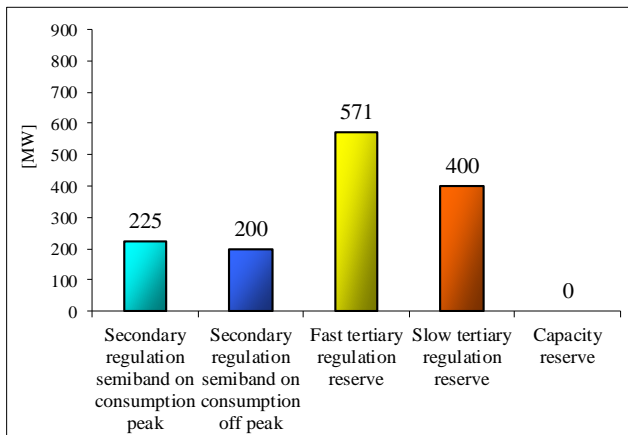
The average prices were calculated by deviding the total Ancillary Services to realized quantities

The network losses were contracted with Hidroelectrica SA (C364, C365/2018), EFT Furnizare (C411/2018),

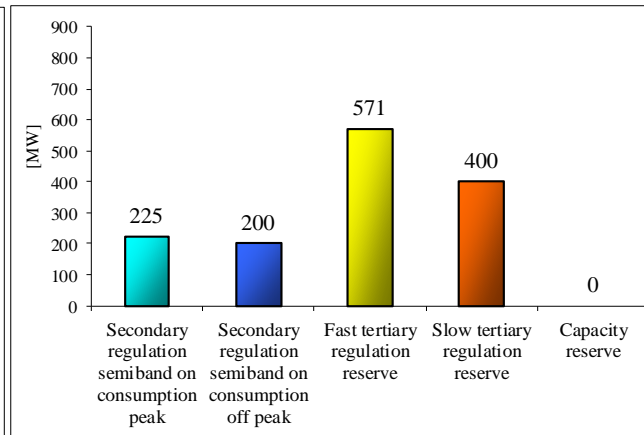
Next Energy Partners (C352/2018), Monsson Trading (C354/2018), Entrex Services (C353/2018), SN Nuclearelectrica

(C433, C434/2018), EDS (C399/2018), GEN-I (C467/2018), CE Oltenia (C216, C217, C218/2018).

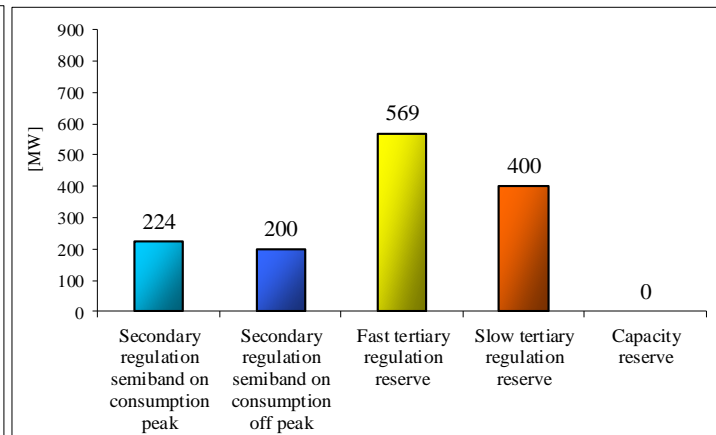
Average requested quantities [hMW/h]



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, Fast Tertiary Reserve and Slow Tertiary Reserve were maintained, without endangering the operational safety. In the case of Slow Tertiary Reserve, no auctions were organized, only the regulated quantity of 400 hMW/h being purchased.

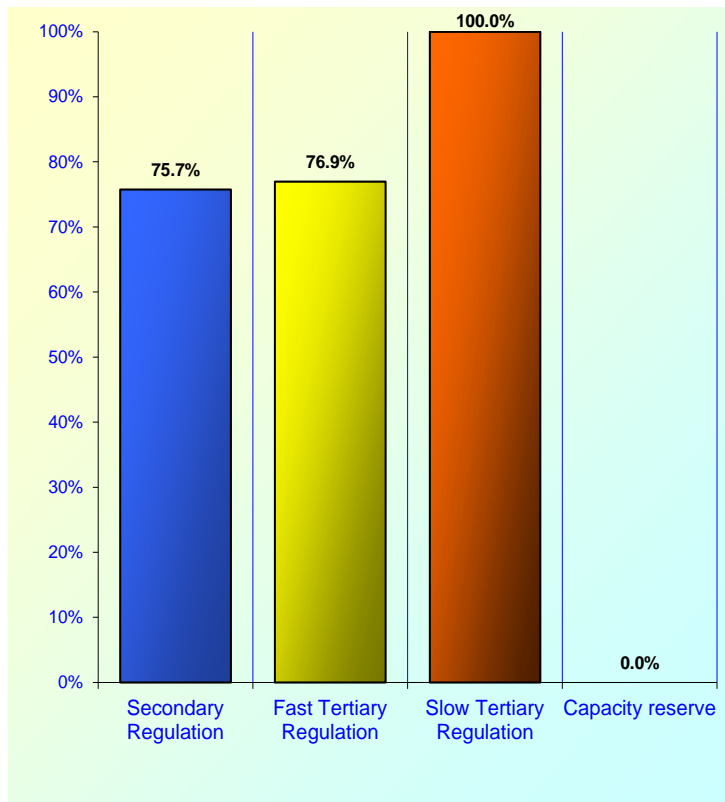
Ancillary Services



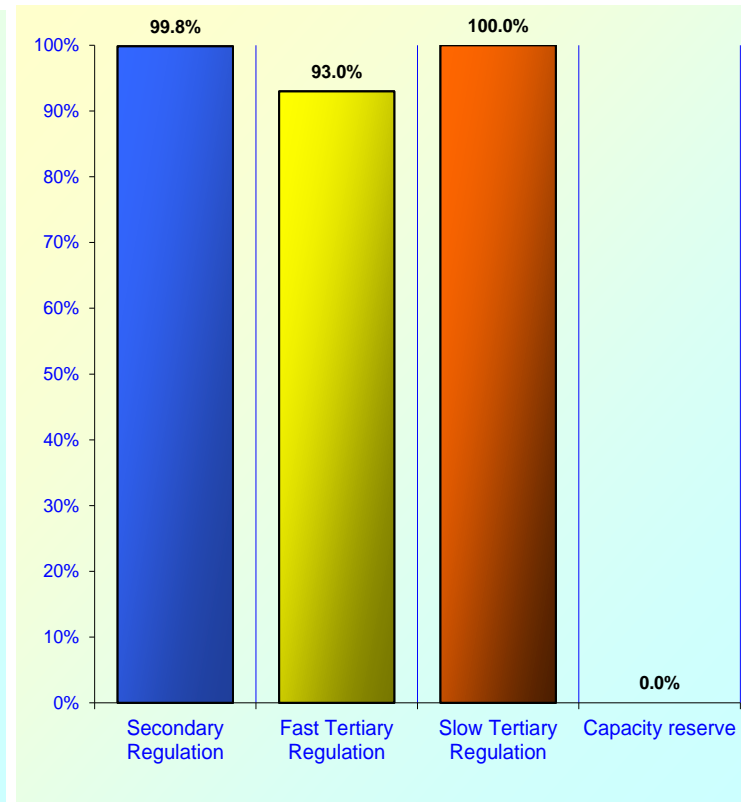
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Market share of the most significant Ancillary Services Market Participants

C1 (%) on type of regulation



C3 (%) on type of regulation





Contact

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