

Transelectrica®

Societate Administrată în sistem Dualist

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# MARKET MONITORING REPORT

## Ancillary Services

### April 2019

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romania2019.eu  
Președinția României la Consiliul Uniunii Europene

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 97.50% 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., Romgaz S.A., Electrocentrale Galati, Bepco S.R.L., Electro Energy Sud, Veolia Energie Iasi, Veolia Energie Prahova.
- Transmission network losses have been contracted through CMBC market with: Hidroelectrica SA (C364, C365/2018), EDS (C399/2018), EFT Furnizare (C411/2018), Next Energy Partners (C352/2018), Monsson Trading (C354/2018), Entrex Services (C353/2018), SN Nuclearelectrica (C433, C434/2018), GEN-I (C467/2018), CE Oltenia (C216, C217, C218/2018) , total contracted quantity includes also the energy traded by Transelectrica on DAM, IDM and BM.

## 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 *	79.72	24,436,000.00	168,000.00	24,268,000.00
Fast Tertiary Regulation	48.66	24,270,000.00	67,900.00	24,202,100.00
Slow Tertiary Regulation	14.64	7,380,324.00	0.00	7,380,324.00
Network losses (CMBC)	155.07	13,694,286.00	0.00	13,694,286.00
Network losses (total)**	270.23	21,646,255.82	0.00	21,646,255.82

**Quantities [hMW/h]**

Reserves				Available regulation energy			Participants	
Requested	Contracted	Realized	Not realized	average	min	max	Number	HHI
*500,00/450,00	*481,33/383,45	*479,13/382,52	*2,20/0,93	*490,14/394,50	*380/290	*540/490	2	5943
691.67	691.67	690.72	0.94				7	7258
700.00	700.00	700.00	0.00				3	4235
69.99	69.99	69.99	0.00				9	2039

\* Secondary regulation band on /off peak

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

**Note:**

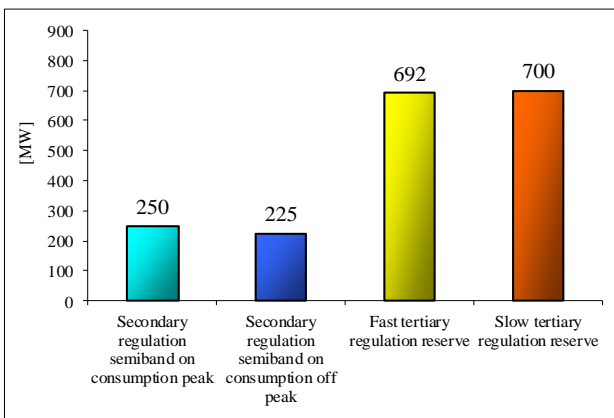
The average prices were calculated by deviding the total Ancillary Services to realized quantities

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

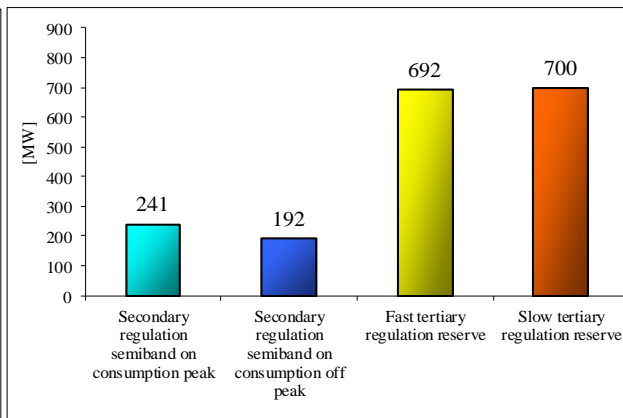
Next Energy Partners (C352/2018), Monsson Trading (C354/2018), Entrex Services (C353/2018), SN Nuclearelectrica

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

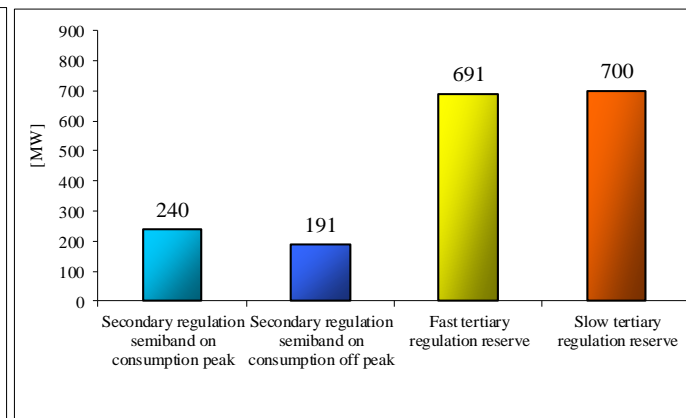
**Average requested quantities [hMW/h]**



**Average contracted quantities [hMW/h]**

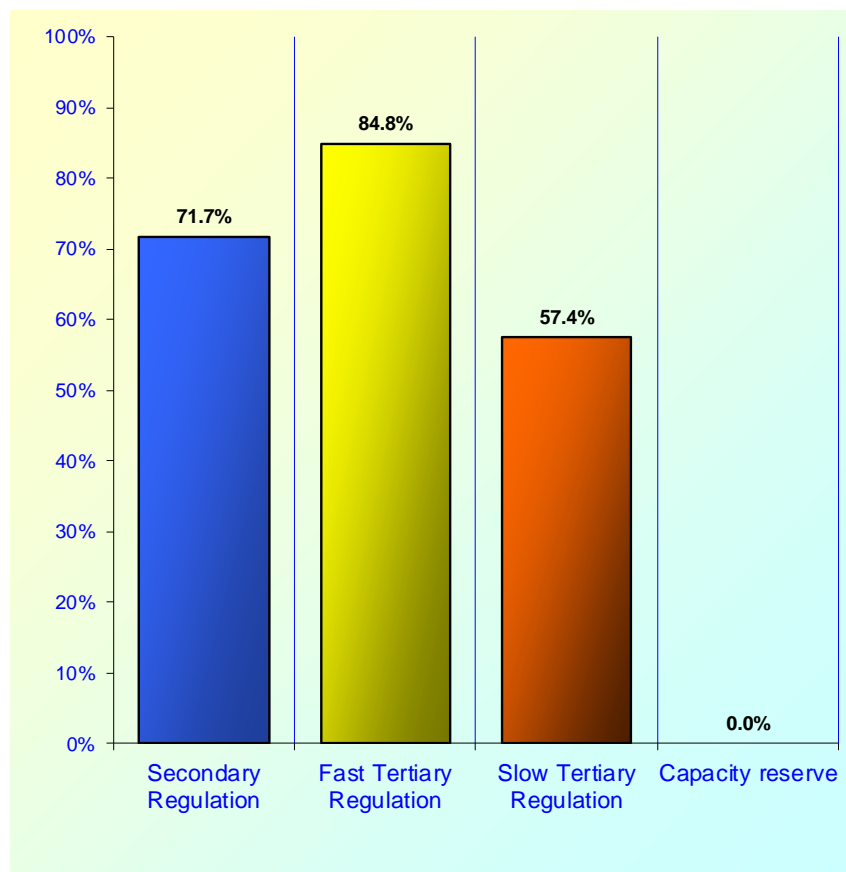


**Average realized quantities [hMW/h]**

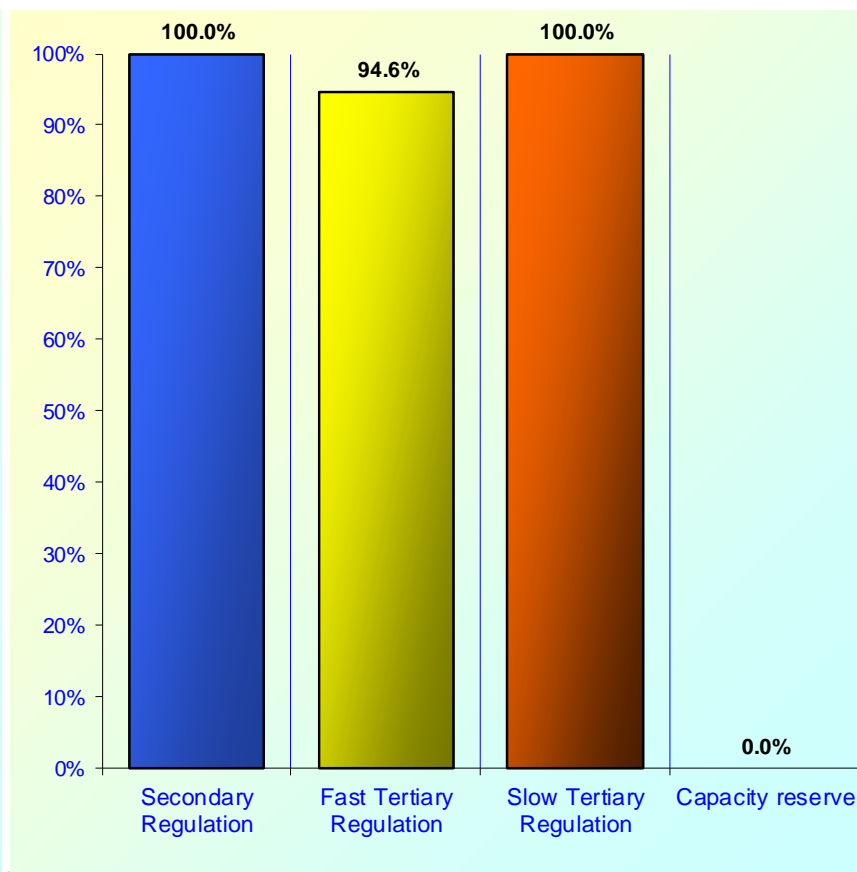


## Market share of the most significant Ancillary Services Market Participants

### C1 (%) on type of regulation



### C3 (%) on type of regulation



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