



Transelectrica®

Societate Administrată în sistem Dualist

MARKET MONITORING REPORT

Ancillary Services

February 2019



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 (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 SA, CE Oltenia SA, Hidroelectrica SA, Romgaz SA, Electrocentrale Galati, Bepco SRL, Electro Energy Sud, Veolia Energie Iasi, Veolia Energie Prahova.
- Transmission network losses have been contracted through CMBC market 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), 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 *	77.23	25,312,000.00	1,694,720.00	23,617,280.00
Fast Tertiary Regulation	45.93	21,532,000.00	361,530.88	21,170,469.12
Slow Tertiary Regulation	16.29	8,430,492.00	0.00	8,430,492.00
Network losses	287.54	11,593,545.60	0.00	11,593,545.60
Network losses (total)**	279.93	22,645,948.28	0.00	22,645,948.28

Quantities [hMW/h]

Reserves	Reserves			Available regulation energy			Participants		
	Requested	Contracted	Realized	Not realized	average	min	max	Number	HHI
Secondary regulation on / off consumption peak *	*500,00/450,00	*500,00/450,00	*484,56/434,01	*15,44/15,99	*499,46/446,84	*380/350	*560/492	3	6215
Fast Tertiary Regulation	691.67	691.67	685.85	5.82				9	6563
Slow Tertiary Regulation	770.00	770.00	770.00	0.00				4	3868
Network losses	60	60	60	0.00				8	1944

* Secondary regulation band on /off peak

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

Note:

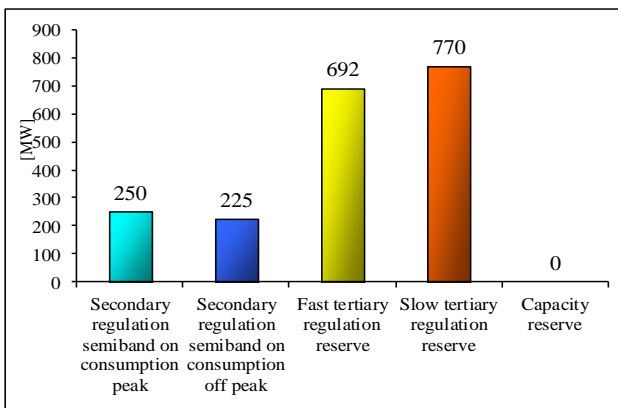
The average prices were calculated by dividing the total Ancillary Services to realized quantities

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

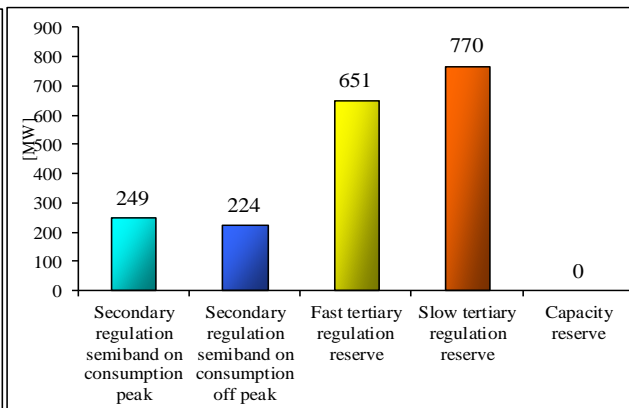
Next Energy Partners (C352/2018), Monsson Trading (C354/2018), Entrex Services (C353/2018), SN Nuclearelectrica

(C433, C434/2018), EDS (C399/2018), GEN-I (C467/2018).

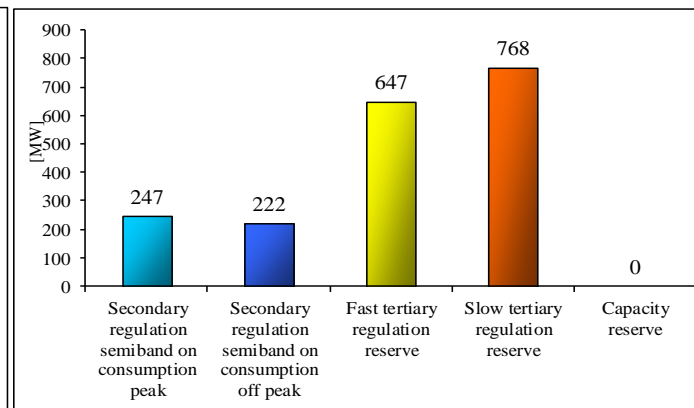
Average requested quantities [hMW/h]



Average contracted quantities [hMW/h]

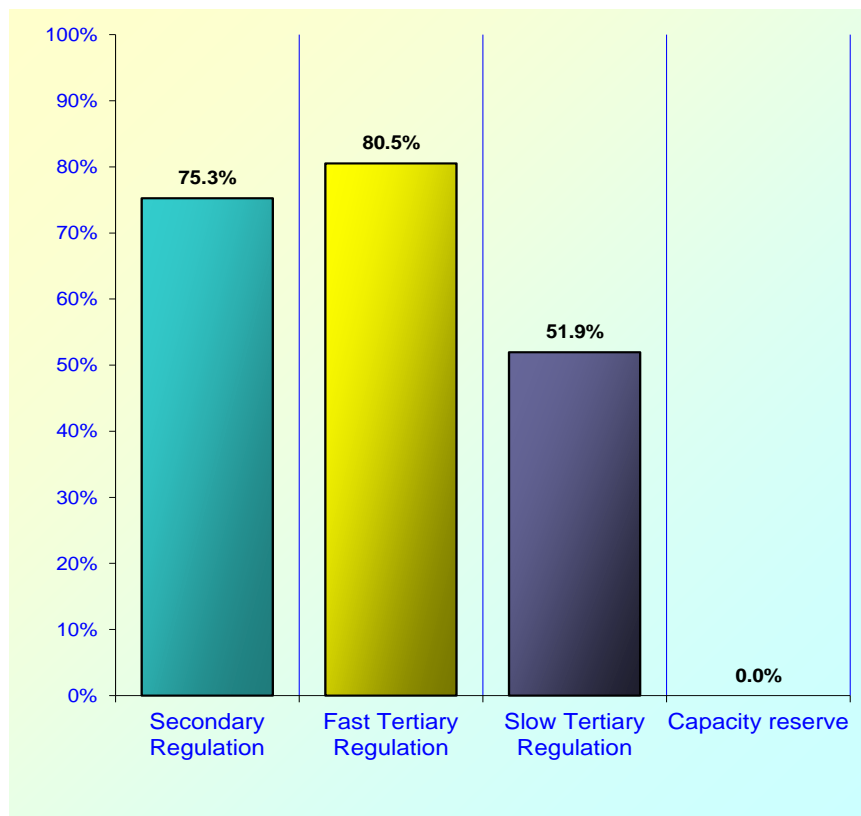


Average realized quantities [hMW/h]

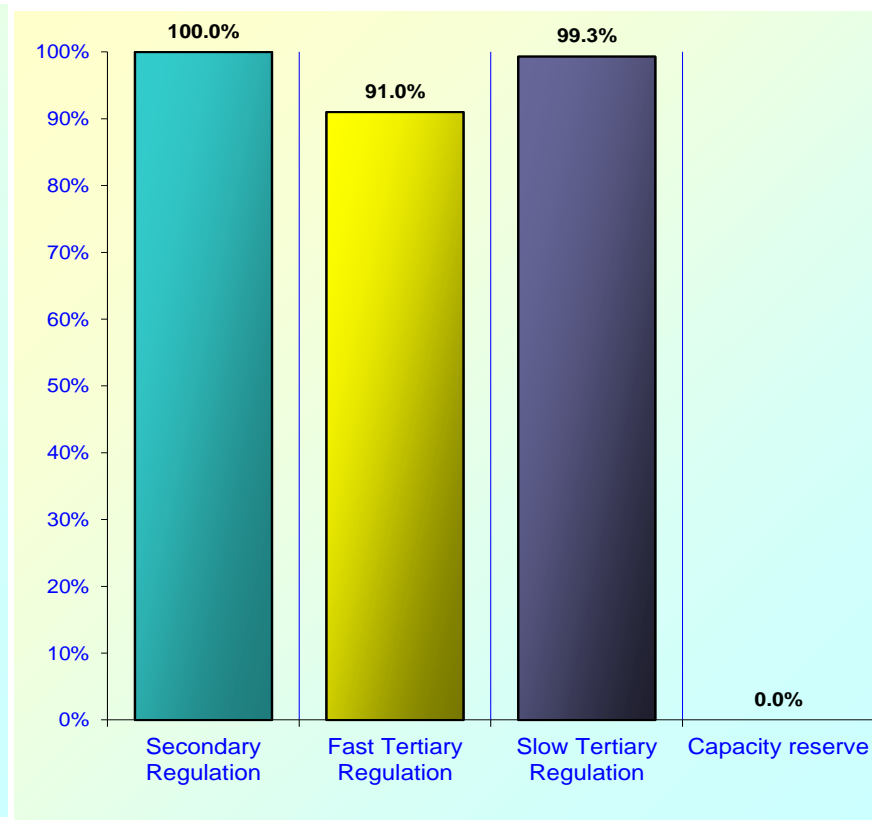


Market share of the most significant Ancillary Services Market Participants

C1 (%) on type of regulation



C3 (%) on type of regulation





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Contact



Email: Monitorizare.Piata@transelectrica.ro
Fax:021 3035630