

Transelectrica®

Societate Administrată în sistem Dualist

MARKET MONITORING REPORT

Ancillary Services

May 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 98,16% 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.
- 8 participants have supplied Ancillary Services: CE Hunedoara S.A., CE Oltenia S.A., Hidroelectrica S.A., Romgaz S.A., Electrocentrale Galati S.A., Bepco S.R.L., Electro Energy Sud S.R.L., Electrocentrale Bucuresti S.A.
- Transmission network losses have been contracted through CMBC market with: Hidroelectrica S.A. (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), CE Oltenia S.A.(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 *	80.44	26,243,650.00	231,500.00	26,012,150.00
Fast Tertiary Regulation	43.77	22,599,000.00	147,306.67	22,451,693.33
Slow Tertiary Regulation	13.69	7,131,840.00	0.00	7,131,840.00
Network losses (CMBC)	227.09	10,139,455.20	0.00	10,139,455.20
Network losses (total)	253.22	20,319,397.31	0.00	20,319,397.31

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	*489,77/398,57	*487,06/397,21	*2,71/1,36	*508,29/419,45	*300/300	*670/602	2	6018
Fast Tertiary Regulation	691.67	691.67	689.37	2.30				6	7170
Slow Tertiary Regulation	700.00	700.00	700.00	0.00				3	4304
Network losses (CMBC)	60	60	60	0.00				8	1943

* Secondary regulation band on /off peak

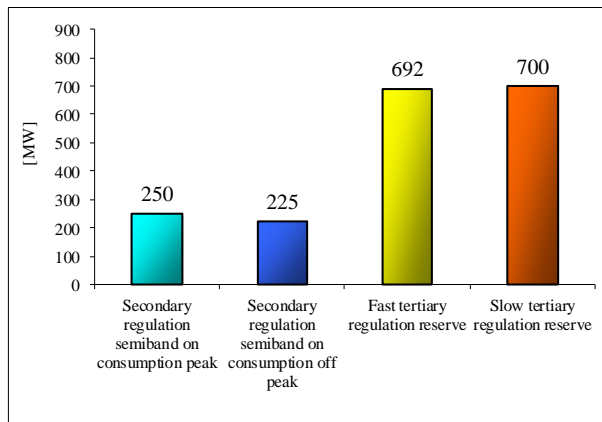
** Including contracted quantities on CMBC, DAM, BM and IDM

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

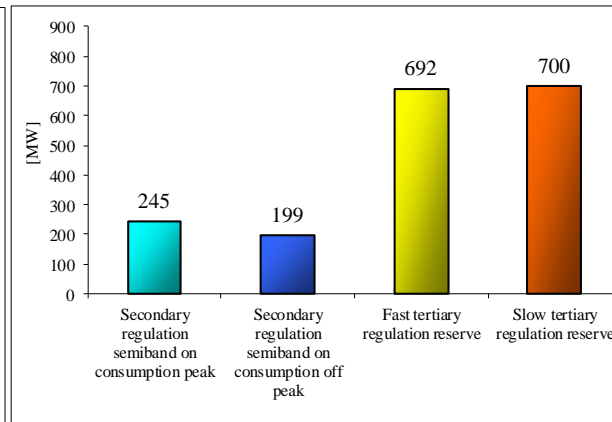
The network losses were contracted with Hidroelectrica SA (C364, C365/2018), EFT Furnizare (C411/2018),

Next Energy Partners (C352/2018), Monsson Trading (C354/2018), Entrex Services (C353/2018), SN Nuclearelectrica (C433, C434/2018), EDS (C399/2018), CE Oltenia (C216, C217, C218/2018).

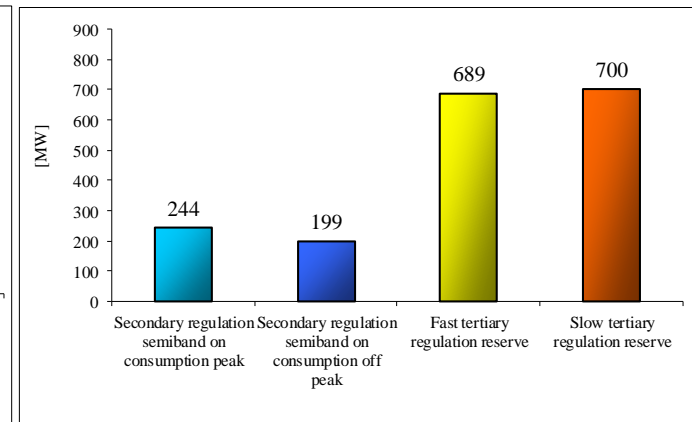
Average requested quantities [hMW/h]



Average contracted quantities [hMW/h]

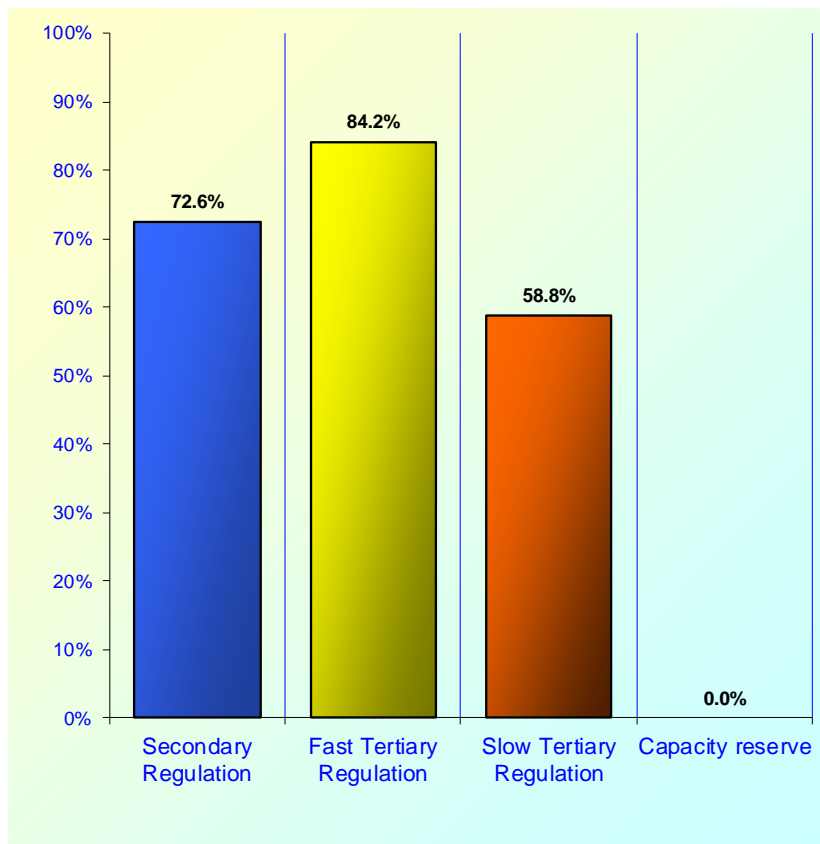


Average realized quantities [hMW/h]

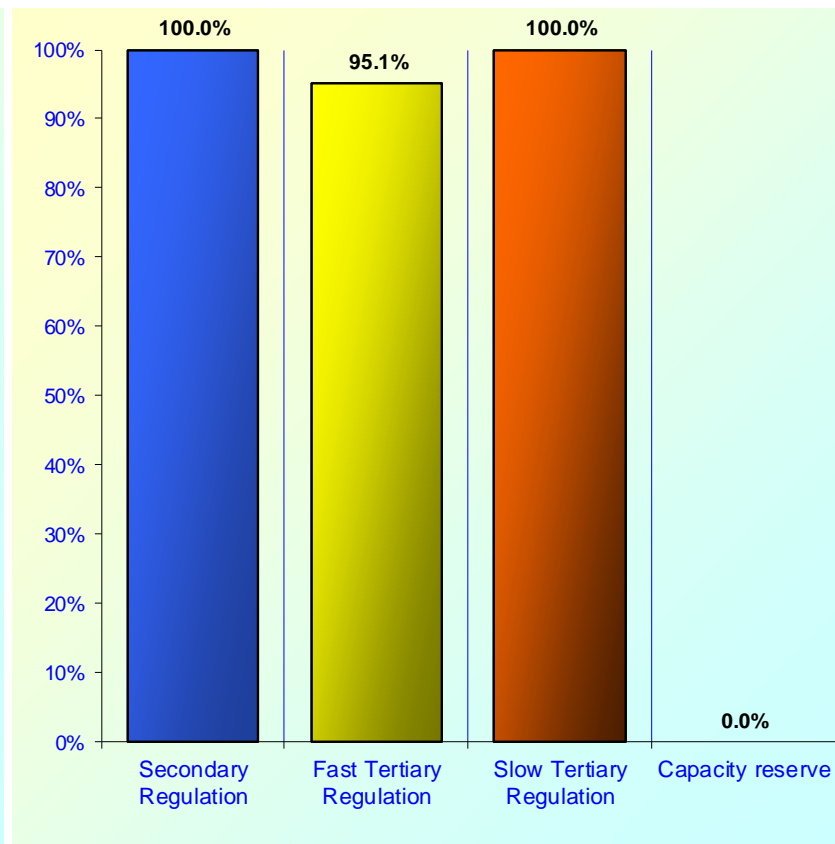


Market share of the most significant Ancillary Services Market Participants

C1 (%) on type of regulation



C3 (%) on type of regulation





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Contact



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