



Transelectrică

Compania Națională
de Transport
al Energiei Electrice

WE LEAD THE POWER

MARKET MONITORING REPORT

Ancillary Services

February 2012



Abbreviations

- 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**



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).



Ancillary Services

General Remarks

- The ANRE decisions no. 244÷253/27.01.2012, established new hourly values of secondary, fast and slow tertiary reserves ensured through bilateral contracts, contracts with regulated quantities and prices, settled between Transelectrica and the producers that hold qualified units for Ancillary Services supplying, for the time period 1 February ÷ 31 December 2012.
- The regulated contracts signed between the Ancillary System Services Suppliers and Transelectrica covered 97.10 % from TSO's necessary volume.
- The reports contain requested quantities by Transelectrica thru NDC, contracted quantities based on ANRE decisions and realized quantities.
- 9 participants have supplied ancillary: S.C. Electrocentrale Bucuresti, S.C. Electrocentrale Deva S.A., S.C. Termoelectrica S.A., C.E. Turceni S.A., C.E. Rovinari S.A., S.C. Hidroelectrica S.A., C.E. Craiova S.A., S.C. Electrocentrale Galati S.A., S.C. PEET Paroseni S.A.
- Transmission network losses have been contracted with S.C. Termoelectrica S.A. based on ANRE decision no 243/27.01.2012.



Ancillary Services

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 ***	**61.36	**16,937,724.60	***1,015,209.40	15,922,515.20
Fast Tertiary Regulation	34.12	22,152,071.20	1,718,914.72	20,433,156.48
Slow Tertiary Regulation	18.54	8,997,656.00	860,182.34	8,137,473.66
Network losses	****249.90	19,098,640.75	0.00	19,098,640.75
Capacity reserve	12.00	0.00	0.00	0.00

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 ***	520,34/317,49	517,35/289,29	*499,9/282,04	*17,41/7,24	*584,21/368,22	*222/222	*770/770	7	3283
Fast Tertiary Regulation	800	899.21	860.33	38.88				9	6530
Slow Tertiary Regulation	700	660.50	630.79	29.71				5	3858
Network losses	93	93	93	0.00				1	10000
Capacity reserve	0	0	0.00	0.00					

* Secondary regulation band on / off peak

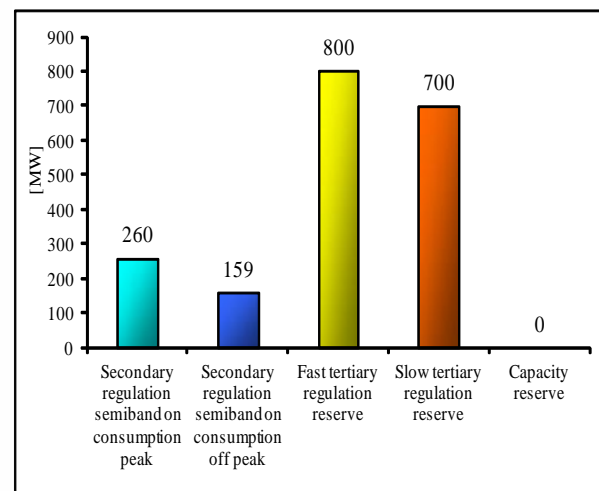
** Reserved band cost

*** Total secondary regulation band

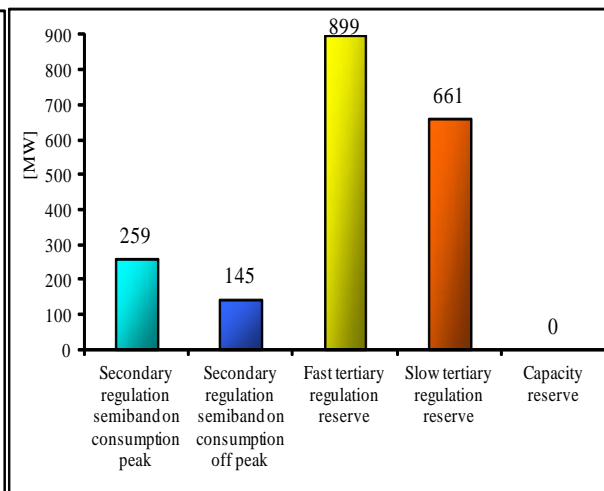
**** The average prices were calculated by dividing the total Ancillary Services costs to realized quantities

***** The network losses were contracted with S.C.Termoelectrica S.A. according to ANRE Decision no. 243/27.01.2012.

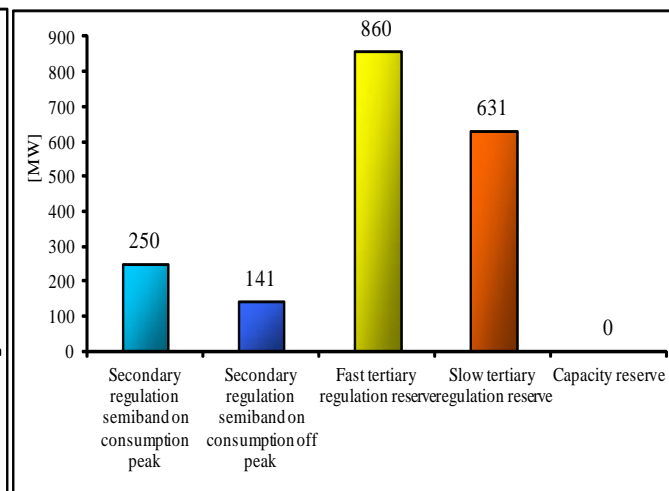
Average requested quantities [hMW/h]



Average contracted quantities [hMW/h]



Average realized quantities [hMW/h]

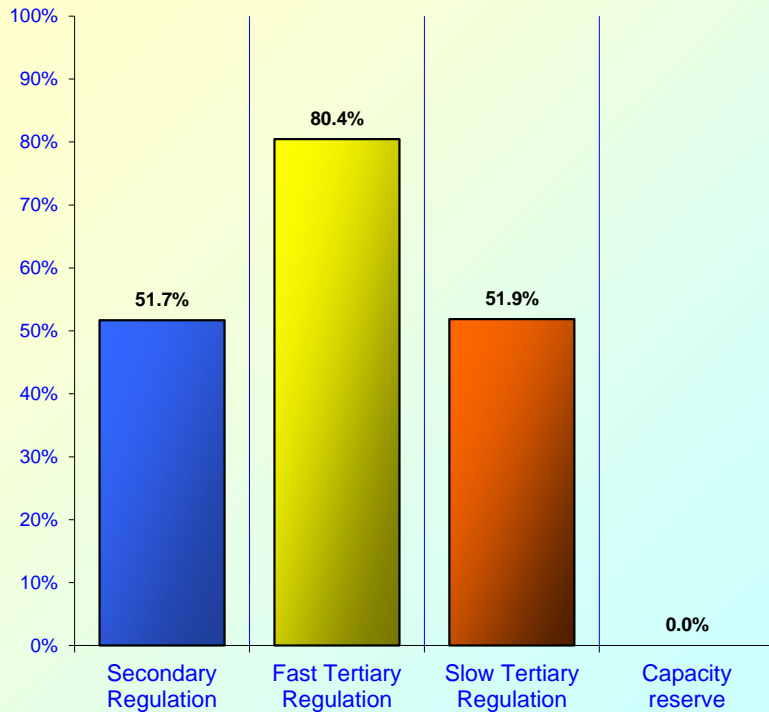




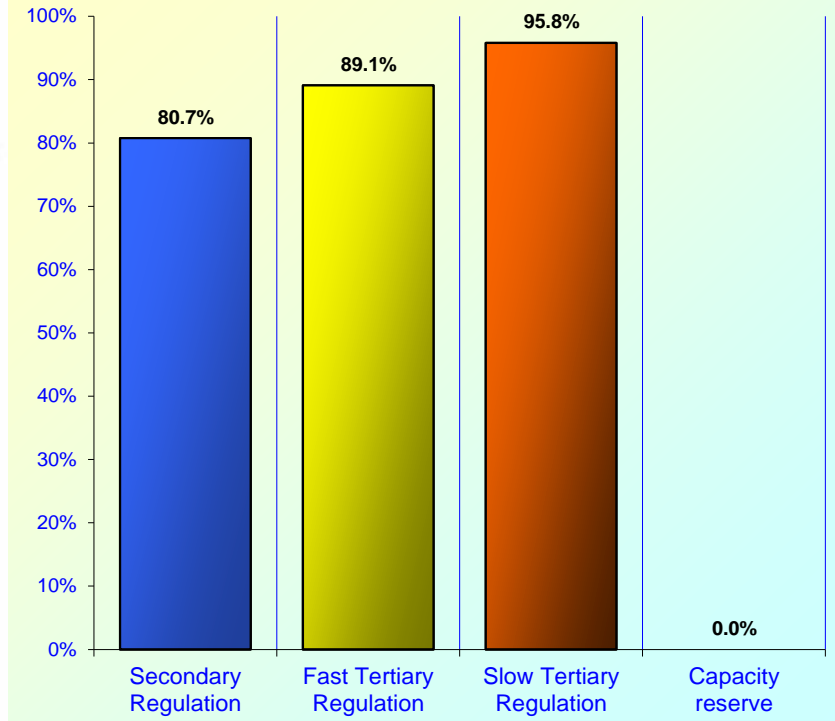
Ancillary Services

Market share of the most significant Ancillary Services Market Participants

C1(%) on type of regulation



C3(%) on type of regulation





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