



Transelectrica®
Societate Administrată în Sistem Dualist

MARKET MONITORING REPORT

Ancillary Services

January 2013

Abbreviations



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Societate Administrată în Sistem Dualist

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



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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



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General Remarks

- The ANRE decisions no. 3315 ÷ 3320/19.12.2012, established new hourly values of secondary and fast 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 January ÷ 31 December 2013.
- The regulated contracts signed between the Ancillary System Services Suppliers and Transelectrica covered 71.48 % from TSO's necessary volume.
- The report contain requested quantities by Transelectrica (through NDC), contracted quantities based on ANRE decisions and realized quantities.
- 6 participants have supplied ancillary services: S.C. Electrocentrale Bucuresti, S.C. CE Hunedoara S.A., S.C. Termoelectrica S.A., CE Oltenia S.A., S.C. Hidroelectrica S.A., S.C. Electrocentrale Galati S.A.
- Transmission network losses have been contracted through bilateral contracts market with: CE Oltenia (contracts no C256, C257/2012), Ezpada SRL (contract no C313/2012), Nuclearelectrica (contract no C322/2012) and Electrocentrale Galati (contracts no C437, C438/2012).

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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 ***	**63.18	**16,935,827.40	185,507.60	16,750,319.80
Fast Tertiary Regulation	31.63	17,013,196.80	142,157.76	16,871,039.04
Slow Tertiary Regulation	20.00	5,208,000.00	0.00	5,208,000.00
Network losses	****236.30	11,428,103.64	0.00	11,428,103.64
Capacity reserve	12.00	0.00	0.00	0.00

Quantities [hMW/h]

Requested	Reserves			Available regulation energy			Participants	
	Contracted	Realized	Not realized	average	min	max	Number	HHI
511,94/316,82	504,94/253,57	*503,58/251,18	*1,35/2,4	*569,92/387,85	*238/208	*882/760	3	4302
900	720.00	716.99	3.01				5	6449
700	350.00	350.00	0.00				3	7077
65	65	65	0.00				4	3136
0	0	0	0.00				0	0

* Secondary regulation band on /off peak

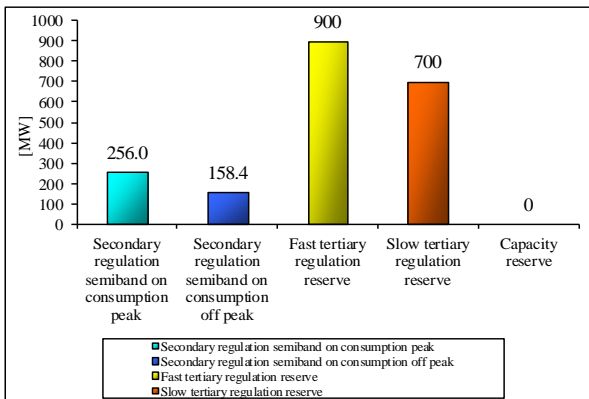
** Reserved band cost

*** Total secondary regulation band

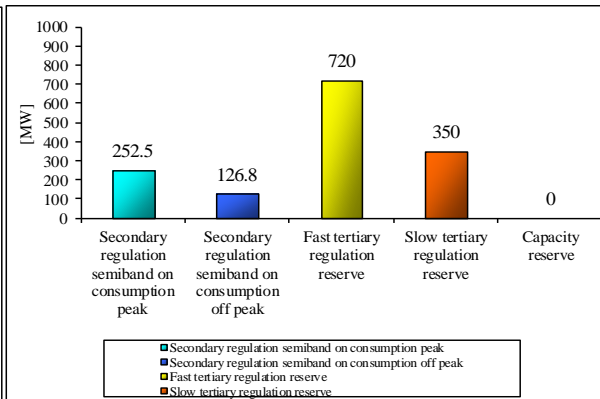
**** The average prices were calculated by dividing the total Ancillary Services costs to realized quantities

***** The network losses were contracted with CE Oltenia (contracts no C256, C257/2012), Ezpada SRL (contract no C313/2012), Nuclearelectrica (contract no C322/2012) and Electrocentrale Galati (contracts no C437, C438/2012)

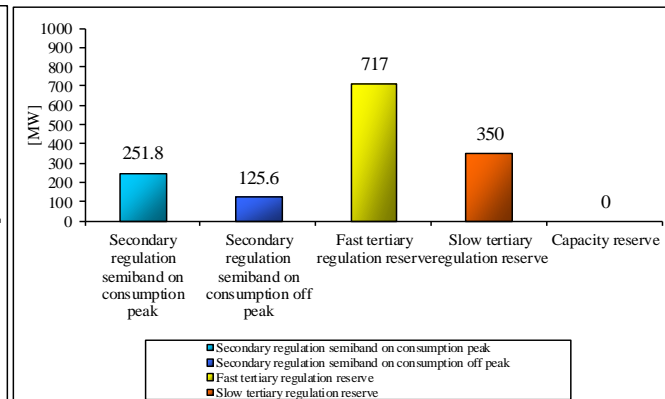
Average requested quantities [hMW/h]



Average contracted quantities [hMW/h]



Average realized quantities [hMW/h]



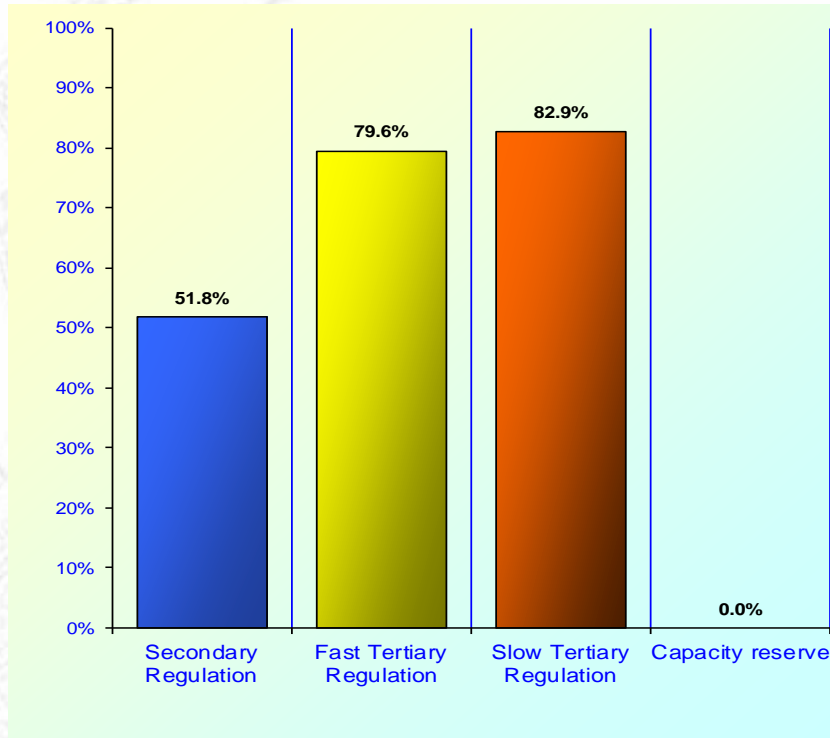
Ancillary Services



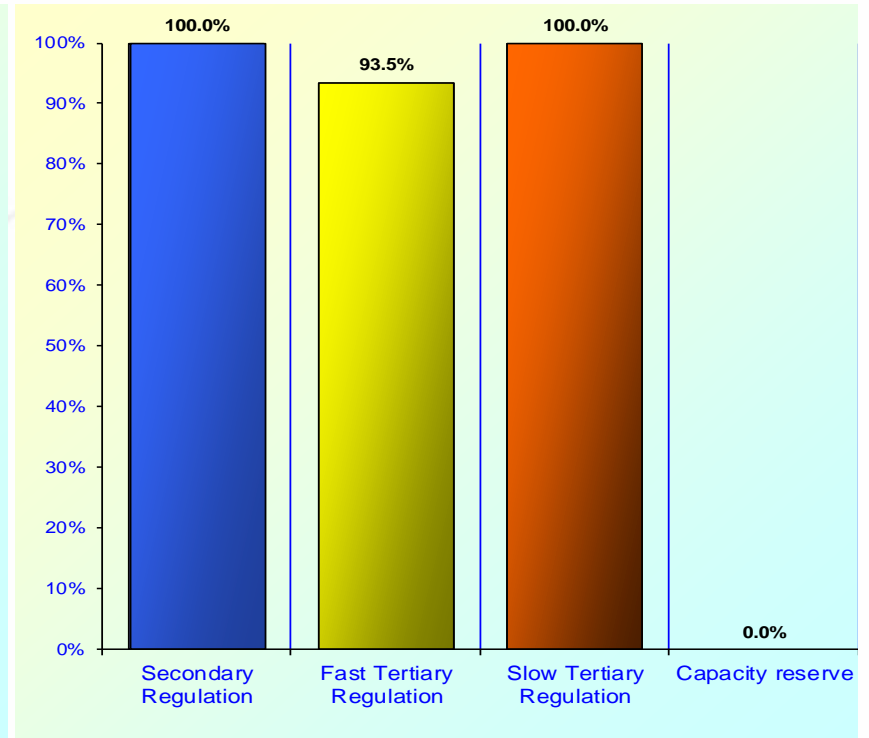
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Market share of the most significant Ancillary Services Market Participants

C1(%) on type of regulation



C3(%) on type of regulation





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