REPORT ON RESULTS OF MONITORING THE ROMANIAN ELECTRICITY MARKET APRIL 2013

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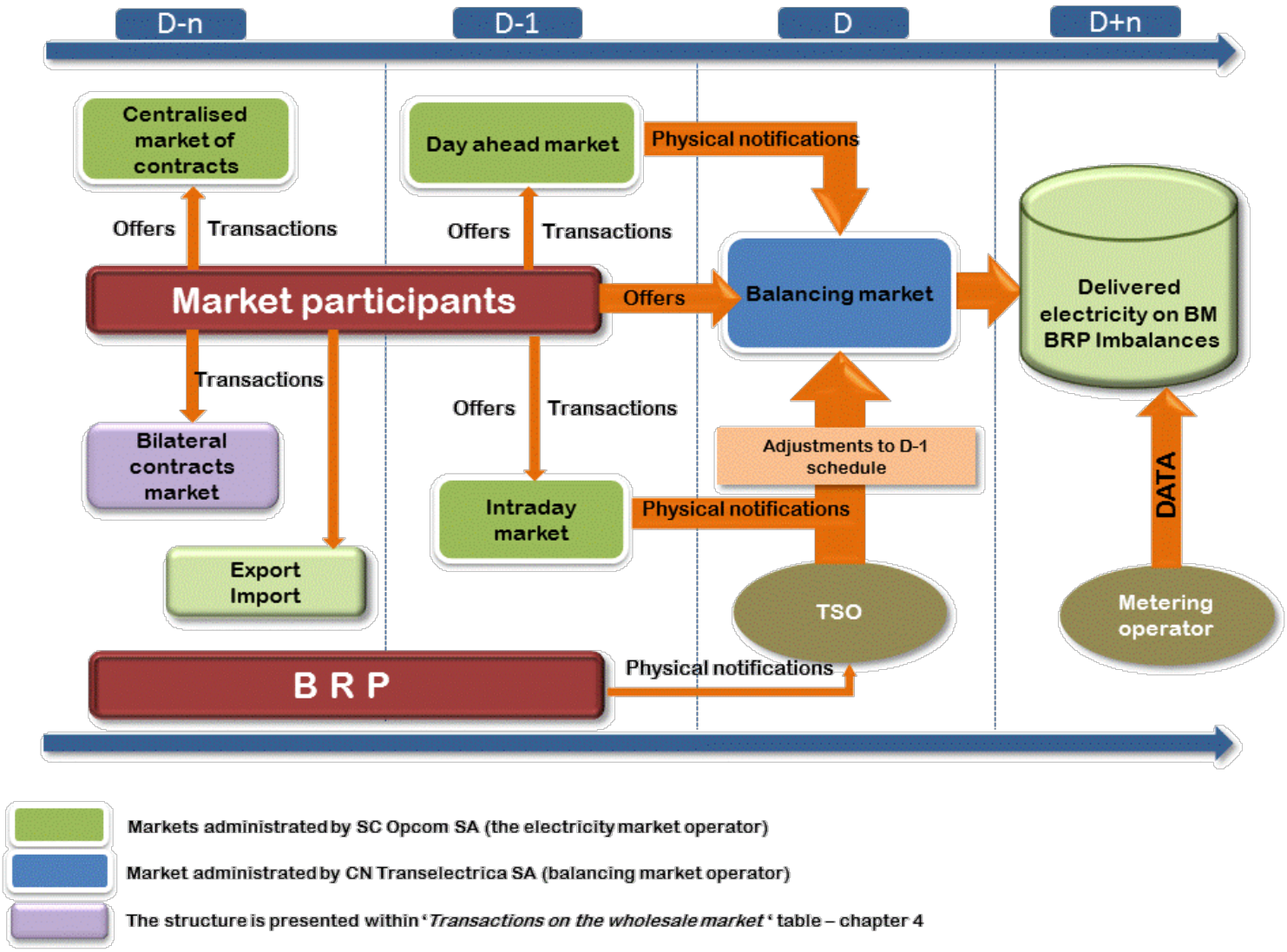
I. MAIN EVENTS IN THE DEVELOPMENT OF THE ROMANIAN ELECTRICITY MARKET

- GD 365/1998 – vertically integrated monopol – RENEL – was split into separated distribution and supply companies (SC Electrica SA) and generation companies (SC Termoelectrica SA and SC Hidroelectrica SA) were established within a new company - CONEL SA. Two other electricity generators (SN Nuclearelectrica SA and RAAN) were separately established;
- transmission, system services and market administration were separately organised, within CONEL SA;
- the relationships between parties within the electricity sector were settled based on contracts;
- GD 122/2000 – electricity market opens at 10%;
- GD 627/2000 – CONEL holding is disolved;
- September 2000 – launch of the compulsory electricity spot market in Romania, administrated by OPCOM and organized based on pool model;
- GD 1342/2001 – SC Electrica SA splits in 8 subsidiaries for electricity distribution and supply;
- GD 1524/2002 – SC Termoelectrica SA reorganizes in several separate legal entities for generation;
- July 2005 – launch of the new market model, based on:
  - voluntary spot market, with both sides offers and bilateral settlement;
  - compulsory balancing market, with TSO as single counterparty;
  - financial responsibilities of the balancing are allocated to the BRP;
- GD 644/2005 – electricity market opens at 83.5%;
- December 2005 – launch of the green certificates market;
- December 2005 – launch of the centralized market for bilateral contracts;
- March 2007 – launch of the centralized market for partially standardized bilateral contracts with continuous negociation;
- GD 638/2007 – fully opening of electricity and gas markets;
- July 2007 – rules for capacity market have been established.
- July 2008 – launch of the mechanism of direct debit and guarantee for electricity transactions on the day-ahead market (OPCOM as central counterparty).
- August 2008 – process of legal unbundling of distribution and supply companies has been concluded;
- August/December 2010 – launch of bilateral coordinated auctions for capacity allocation on interconections with Hungary and Bulgaria;
- July 2011 - launch of the intraday market;
  - GD 930/2010 – SC Electrica Furnizare SA had been established through merger of the former incumbent suppliers Electrica Furnizare Muntenia Nord, Electrica Furnizare Transilvania Nord and Electrica Furnizare Transilvania Sud;
- June 2012 – a new entity obtaines the generation license and enters on the electricity market - Complexul Energetic Oltenia SA, established in a dual system through merger of the former SNLO Tg. Jiu, Complexul Energetic Turceni, Complexul Energetic Rovinari and Complexul Energetic Craiova (GD 1024/2011);
- July 2012 – the Law of electricity and natural gas no. 123/2012 has enter into force;
- September 2012 – the application of the first stage from the timetable of phasing out of regulated electricity tariffs to final customers who choose not to exercise their eligibility rights, in accordance with the obligations assumed by the Romanian Government in relation with the IMF, World Bank and European Commission;
- October 2012 – the Law of organisation and operation of the Romanian Energy Regulatory Authority no. 160/2012 has entered into force;
- November 2012 - a new entity obtaines the generation license and enters on the electricity market - Complexul Energetic Hunedoara SA, established through merger of the former Electrocentrale Deva and Electrocentrale Paroseni (GD 1023/2011);
- December 2012 – launch of the organised electricity market for the large customers.

II. WHOLESALE ELECTRICITY MARKET

1. Structure of the wholesale electricity market



2. Participants on the wholesale electricity market

The market participants*) acting on the electricity market in April 2013 are presented below split into categories:

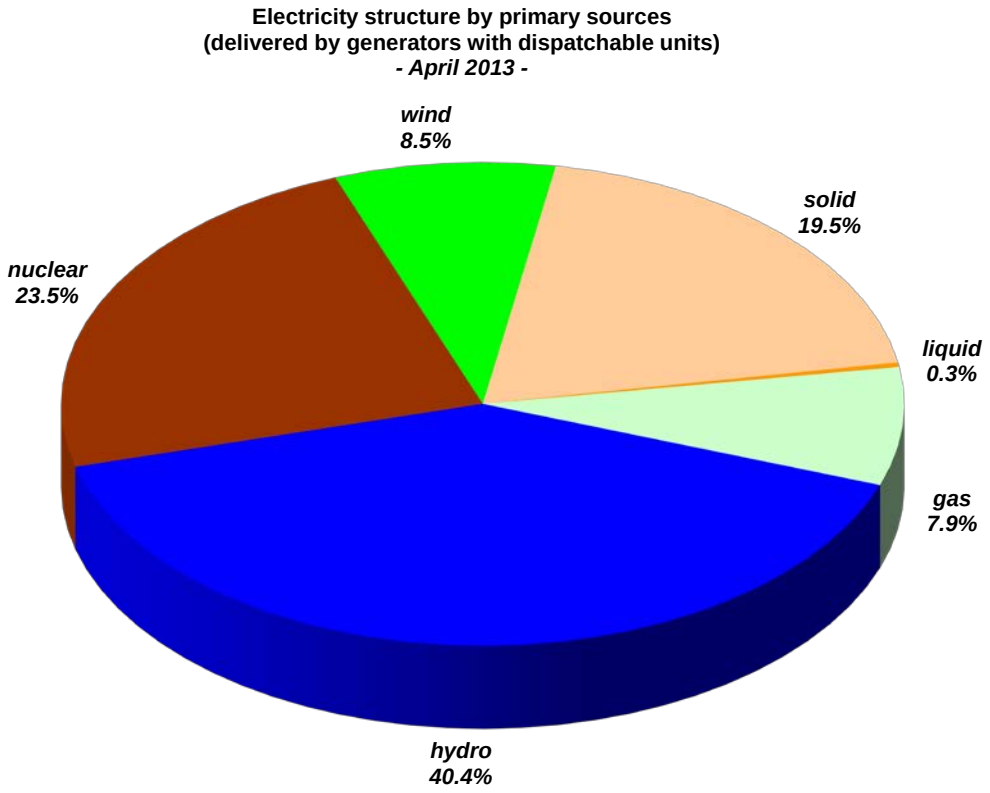
No.	Name
A	***Electricity generators operating dispatching units***
1	SC Alpha Wind SRL
2	SC Blue Line Valea Nucarilor SRL
3	SC Braila Winds SRL
4	SC CAS Regenerabile SRL
5	SC CET Bacău SA
6	SC CET Govora SA
7	SC CET Oradea SA
8	SC Cernavoda Power SRL
9	SC Corni Eolian SRL
10	SC Dalkia Termo Iaşi SRL
11	SC Dalkia Termo Prahova SRL
12	SC EDP Renewables Romania SRL
13	SC Electrocentrale Bucureşti SA
14	SC Electrocentrale Grup SA
15	SC Electrocentrale Galaţi SA
16	SC Enel Green Power Romania SRL
17	SC Eolica Dobrogea One SRL
18	SC Ovidiu Development SRL
19	SC Peştera Wind Farm SRL
20	SC Romconstruct Top SRL
21	SC Termica SA Suceava
22	SC Total Electric SRL
23	S.N.G.N. ROMGAZ S.A.
24	SC Termoelectrica SA
25	SC Tomis Team SRL
A1	***Electricity generators operating dispatching units and acting also as suppliers on the competitive market***
26	RAAN
27	SN Nuclearelectrica SA
28	SC OMV Petrom SA
29	SC CE Hunedoara SA
30	SC CE Oltenia SA
31	SC CET Arad SA
32	SC Lukoil Energy & Gaz Romania SRL
33	SC OMV Petrom Power Park SRL
B	***Transmission System Operator***
1	CN TRANSELECTRICA SA
C	***DAM, Bilateral Contracts Market, Intra-Day, Green Certificates Market Operator***
1	SC OPCOM SA
D	***Distribution network operators***
1	SC CEZ Distributie SA
2	SC ENEL Distributie Banat SA
3	SC ENEL Distributie Dobrogea SA
4	SC E.ON Moldova Distributie SA
5	SC ENEL Distributie Muntenia SA
6	SC FDEE Electrica Distributie Muntenia Nord SA
7	SC FDEE Electrica Distributie Transilvania Sud SA
8	SC FDEE Electrica Distributie Transilvania Nord SA
E	***Suppliers of last resort***
1	SC CEZ Vanzare SA
2	SC ENEL Energie SA
3	SC E.ON Energie Romania SA
4	SC ENEL Energie Muntenia SA
5	SC Electrica Furnizare SA

No.	Name
F	***Electricity Suppliers acting exclusively on the wholesale market***
1	Alpiq Energy SE
2	SC AMV Style SRL
3	SC Bitt-Reen SRL
4	CEZ as
5	SC CEZ Trade Romania SRL
6	Danske Commoditiesa/s Aarhus
7	E&T ENERGIE Handelsgesellschaft
8	SC Edison Trading SpA
9	SC Electrica SA
10	SC Enel Trade Romania SRL
11	SC Energy Market Consulting SRL
12	SC Entrex Services SRL
13	E.ON Global Commodities SE
14	SC Ezpada SRL
15	Ezpada SRO
16	Freepoint Commodities Europe Ltd
17	GEN-I trgovanje in prodaja elektricne energije
18	GEN-I Bukarest Electricity Trading and Sales
19	SC Getica 98 COM SRL
20	SC Kaufof Com SRL
21	SC KDF Energy SRL
22	SC Iberdola Romania SRL
23	SC Lord Energy SRL
24	SC Lorfa SRL
25	OMV Trading GmbH
26	RWE Supply Trading GmbH
27	SC Repower Generation SRL
28	Repower Trading Ceska Republica
29	SC Repower Vanzari Romania SRL
30	SC Rudnap SRL
31	Statkraft Markets GmbH
32	SC Statkraft Romania SRL
33	SC Verbund Trading România SRL

No.	Name
G	***Electricity Suppliers acting also on the retail market***
1	SC Aderro G.P. Energy SRL
2	SC Alpiq RomIndustries SRL
3	SC Alro SA
4	SC Arcelormittal Galati SA
5	SC Arelco Power SRL
6	SC Axpo Energy Romania SRL
7	SC Biol Energy SRL
8	SC C-Gaz & Energy Distributie SRL
9	SC EFE Energy SRL
10	SC Electricom SA
11	SC Electromagnetica SA
12	SC Energotrans SRL
13	SC Energy Distribution Services SRL
14	SC Energy Financing Team Romania SRL
15	SC Energy Holding SRL
16	SC Energy Network SRL
17	SC Enex SRL
18	SC Ennet Grup SRL
19	SC Enol Grup SA
20	SC Fidelis Energy SRL
21	SC GDF SUEZ Energy Romania SA
22	SC General Com Invest SRL
23	SC ICCO Energ SRL
24	ILIOTOMI Impex GRPA
25	SC ICPE Electrocond Technologies SA
26	SC Luxten LC SA
27	Magyar Aramszolgaltato KFT
28	SC Monsson Energy Trading SRL
29	OET Obedineni Energini Targovtsi
30	SC P.C. Management & Consulting SRL
31	SC Renovation Trading SRL
32	SC Repower Furnizare Romania SRL
33	SC Romenergo SA
34	SC Romenergy Industry SRL
35	SC TEN Transilvania Energie SRL
36	SC Tinmar Ind SA
37	SC Transformer Supply SRL
38	SC Transenergo Com SA

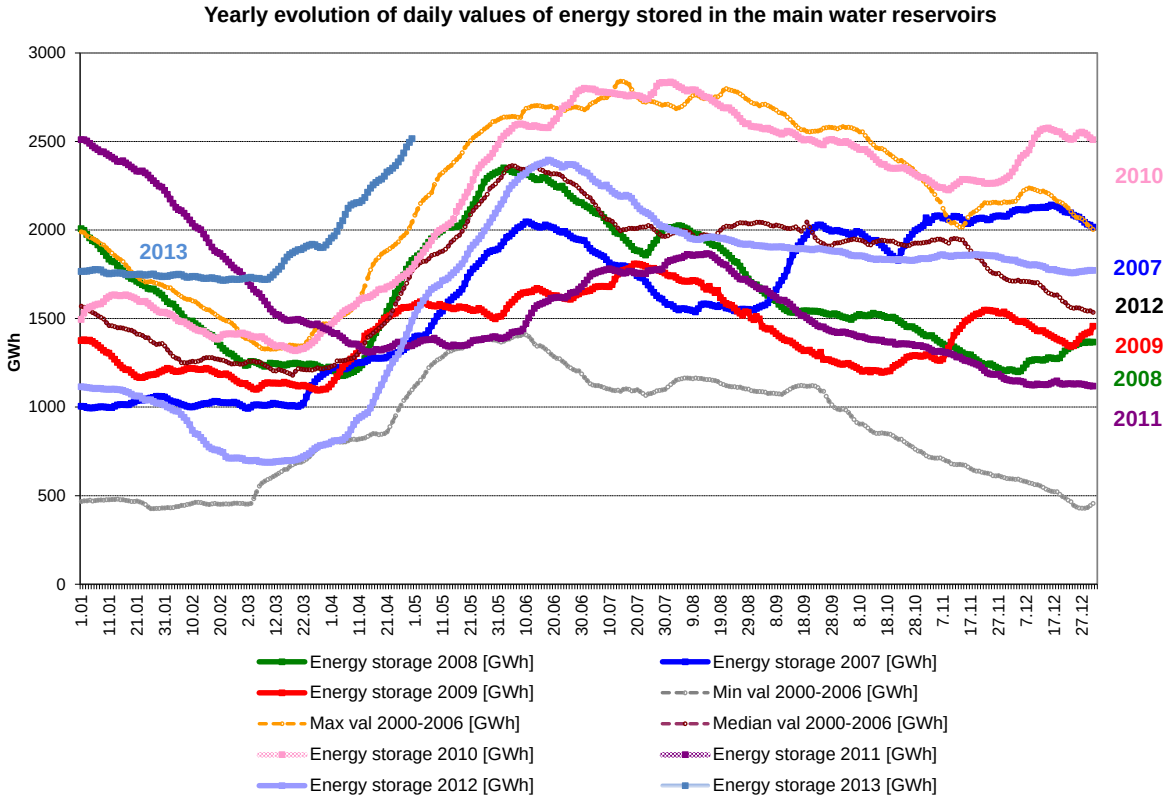
*) The electricity market participants report to ANRE technical/commercial data according to the *Methodology of wholesale electricity market monitoring for assessing the competition level on market and preventing the abuse of dominant position*, approved by ANRE Order no. 35/2006 as well as to the *Methodology of retail electricity market monitoring*, approved by ANRE Order no. 60/2008. The table does not include the Balancing Responsible Parties (BRP). The BRP updated list is published on the Balancing Market Operator website - www.transelectrica.ro.

3. Generation structure of National Energy System on resources types



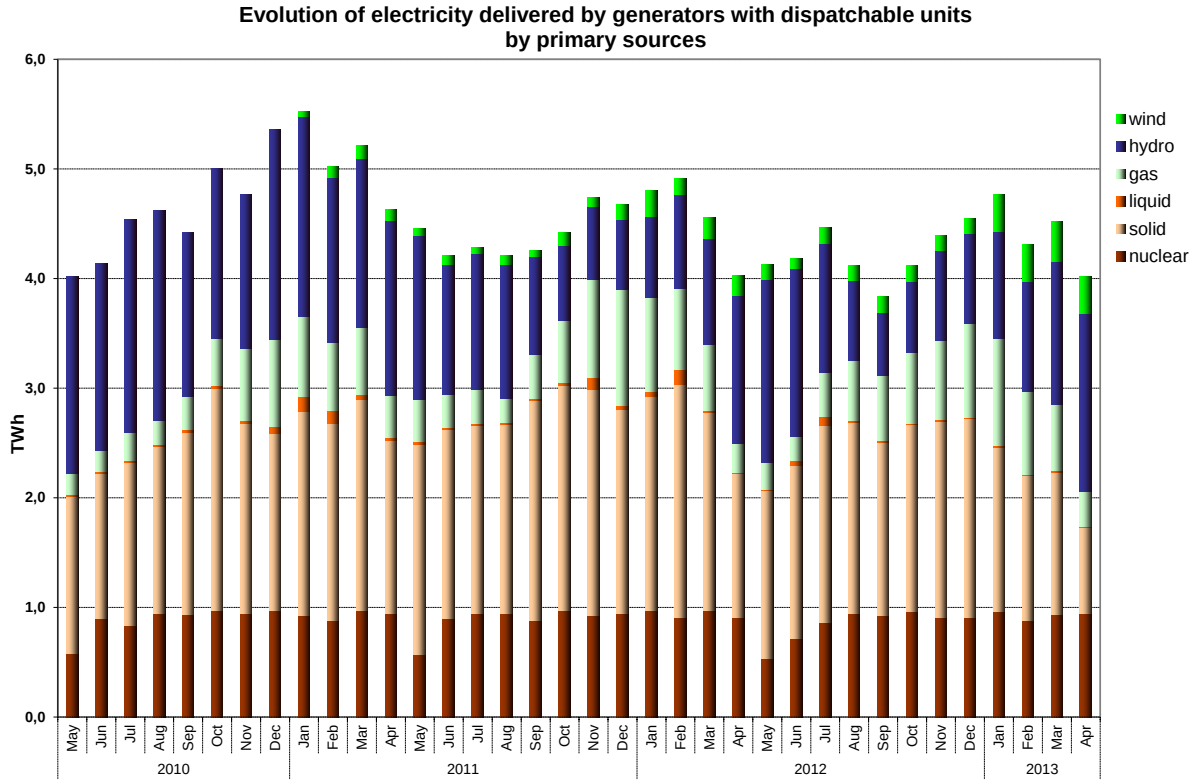
Source: Monthly reports of generators – processed by MG

The electricity generated from hydro resources and the energy stored in the main water reservoirs is directly correlated. The following graph presents the evolution of daily amounts of energy storage during 2013 compared to the values of the last 6 years and compared to minimum, maximum and median values from 2000-2006.



Source: Monthly reports of S.C. Hidroelectrica S.A. – processed by MG

The evolution of delivered electricity structure, during the last 3 years, is the following:



Source: Monthly reports of generators – processed by MG

The following table presents the main data regarding the physical balance of electricity for April 2013, compared to data for similar period of 2012:

No	INDICATOR	MU	April 2012	April 2013	%	Jan-Apr 2012	Jan-Apr 2013	%
0	1	2	3	4	5=4/3*100	3	4	5=4/3*100
1	Generated electricity	TWh	4.34	4.32	99.54	19.98	19.11	95.65
2	Delivered electricity	TWh	4.03	4.02	99.75	18.30	17.62	96.28
3	Import	TWh	0.11	0.06	54.55	0.52	0.22	42.31
4	Export	TWh	0.14	0.10	71.43	0.49	0.44	89.80
5	Internal consumption	TWh	4.00	3.97	99.25	18.33	17.40	94.93
6	Consumption of household consumers on the regulated market	TWh	0.96	0.94	97.92	4.17	4.05	97.12
7	Consumption of non-households consumption	TWh	2.67	2.64	98.88	11.24	10.81	96.17
7.1	*on the regulated market*	TWh	*0.66*	*0.63*	*95.45*	*3.08*	*2.86*	*92.83*
7.2	*on the competitive market*	TWh	*2.01*	*2.01*	*100.00*	*8.16*	*7.94*	*97.30*
8	Transmission–Injection component	TWh	4.19	4.03	96.18	18.70	17.83	95.35
9	Transmission–Extraction component	TWh	4.26	4.23	99.30	18.91	18.28	96.67
10	Actual transmission grid losses	TWh	0.08	0.08	100.00	0.33	0.37	97.37
11	Heat generated for delivery	Tcal	854.63	1089.09	127.43	7949.41	7618.51	95.84
12	Heat in co-generation	Tcal	722.31	897.50	124.25	6881.51	5952.52	86.51

Note: 1. Data shown in the table neither include the energy produced by the generators who do not own dispatchable units (positions 1 & 2) nor the energy delivered to the customers directly connected to the power plants (positions 6 & 7).
2. The imported/exported quantities do not comprise transits and cross border exchange of CN Transelectrica SA with neighbor countries in order to ensuring the balance of the national energy system.
3. The electricity considered for transmission tariff – injection component do not comprise neither the electricity sold by generators for covering the transmission losses nor the electricity sold by nondispatchable but bigger than 10 MW generators;
4. The transmission tariff – extraction component and the system service tariff are applied to the same quantity of electricity.

4. Transactions' structure on the wholesale electricity market

The size of wholesale market depends on the sum of all transactions performed by the market players, exceeding the quantities physically transmitted from generation to consumption; the total transactions include also resale transactions made in order to match the contractual obligations and to obtain financial benefit.

Therefore, the wholesale electricity market includes regulated contracts and bilateral negotiated contracts between generators and suppliers, regulated contracts for covering the network losses, bilateral negotiated contracts between suppliers, as well as contracts concluded on centralized markets: CMBC (centralized market of bilateral contracts), CMBC-CN (centralized market of partially stardardised bilateral contracts, with continuous negotiation), transactions on DAM (day-ahead market), on ID (Intraday Market and on BM (Balancing Market).

When entering into force, the Law no. 123/2012 on Electricity and Natural Gas has set the general principle that energy competitive market and electricity transactions should take place in a transparent, public, centralized and non-discriminatory way. Therefore, all the new transactions have to be the result of the participation on the centralized markets administrated by Opcom, the only owner of a license issued for the electricity market operation in Romania. In this respect, efforts have been made by all the responsible factors for covering the diversity of trade products requested by the market participants. Consequently, two new centralized markets are in progress at Opcom level – the organized framework of contracting energy for large final customers and the centralized market trading with continuous double negotiation of bilateral contracts for electricity (developed based on a OTC platform model).

The volumes traded and the average prices on each type of contracts and on the main components of the wholesale market are presented in the following tables for April 2013 compared to the month before and April 2012.

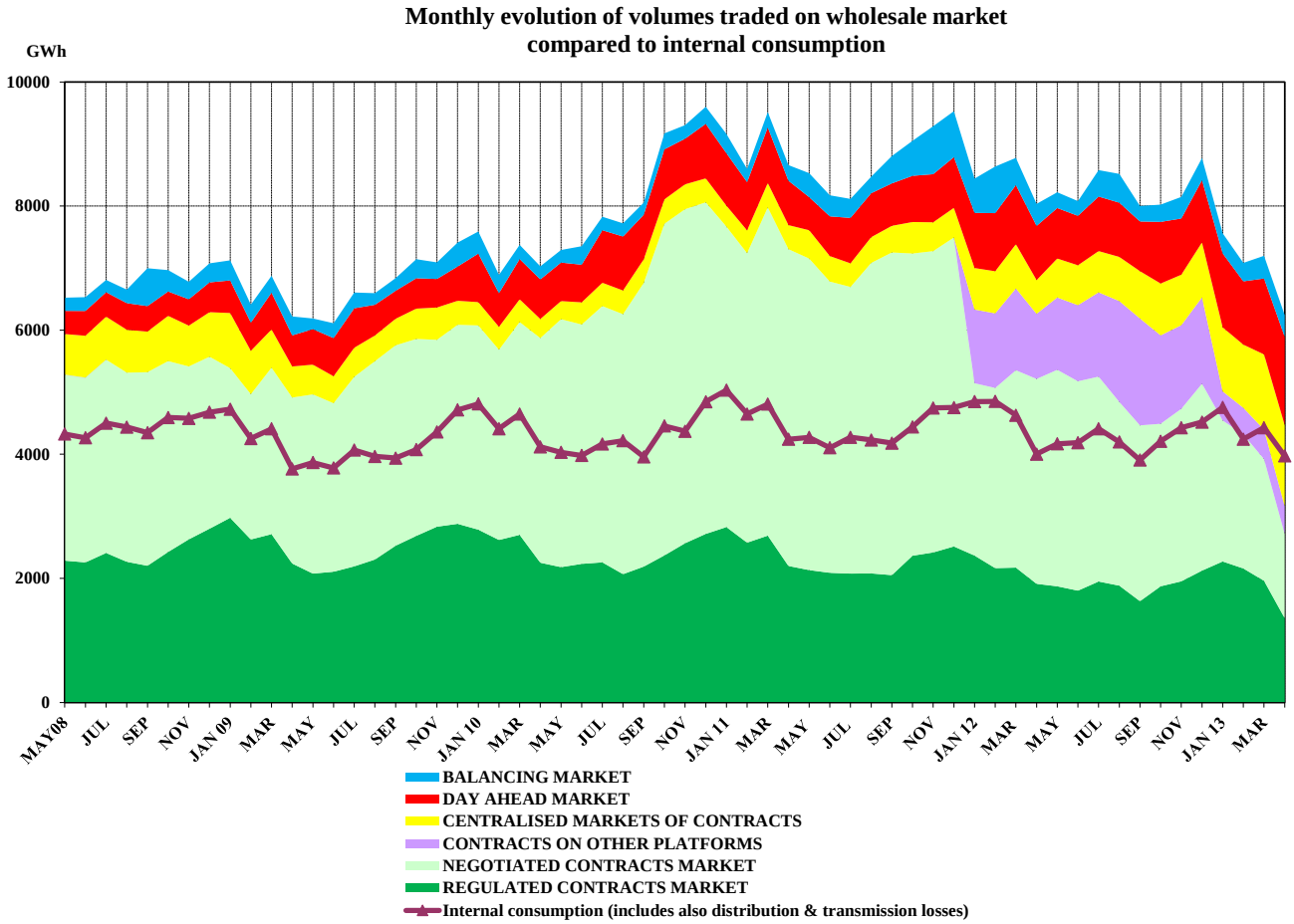
The aggregated volumes and the average prices for March 2013 and April 2013 on OTC contracts and on negotiated contracts are reported by the market participants at their own risk and they should reflect only the ongoing contracts which had been concluded before Law no. 123/2012 entered into force.

TRANSACTIONS ON THE WHOLESALE MARKET	March 2013	April 2013	April 2012
1. BILATERAL CONTRACTS' MARKET			
traded volume (GWh)	**3821**	**3070**	**6263**
average price (lei/MWh)	185.40	178.61	177.02[4)]
% from internal consumption (%)	86.3	77.2	156.5
1.1. Sales on regulated contracts			
traded volume (GWh)	**1961**	**1358**	**1912**
average price (lei/MWh)	181.74	162.82	138.57
% from internal consumption (%)	44.3	34.2	47.8
1.2. Sales on contracts concluded on other platforms			
traded volume (GWh)	**476**	**446**	**1049**
average price (lei/MWh)	222.54	222.46	203.43
% from internal consumption (%)	10.7	11.2	26.2
1.3. Sales on negotiated contracts[1)]			
traded volume (GWh)	**1384**	**1265**	**3302**
average price (lei/MWh)	177.82	180.10	190.89[4)]
% from internal consumption (%)	31.2	31.8	82.5
2. EXPORT			
traded volume[2)] (GWh)	**122**	**105**	**138**
average price (lei/MWh)	135.66	144.02	167.99
% from internal consumption (%)	2.8	2.6	3.5
3. CENTRALISED MARKETS OF CONTRACTS			
traded volume (GWh)	**1212**	**1307**	**544**
average price (lei/MWh)	225.31	214.06	214.94
% from internal consumption (%)	27.4	32.9	13.6
4. DAY AHEAD MARKET			
traded volume (GWh)	**1223**	**1424**	**874**
average price (lei/MWh)	131.79	141.63	190.73
% from internal consumption (%)	27.6	35.8	21.8
5. INTRADAY MARKET			
traded volume (GWh)	**0.055**	**-**	**1.593**
average price[3)] (lei/MWh)	130.62	-	279.33
% from internal consumption (%)	0.001	-	0.040
6. BALANCING MARKET			
traded volume (GWh)	**366**	**349**	**355**
% from internal consumption (%)	8.3	8.8	8.9
upward volume (GWh)	**187**	**134**	**161**
average negative imbalance price(lei/MWh)	228.24	241.62	273.15
downward volume (GWh)	**179**	**215**	**194**
average positive imbalance price (lei/MWh)	36.92	29.15	48.63
INTERNAL CONSUMPTION (includes distribution and transmission losses) (GWh)	**4429**	**3975**	**4002**

Note:	1)	Supply contracts to customers and export contracts are not included; volumes traded on negotiated contracts do not include the quantities resulted from the processing contracts concluded between the fuel suppliers and the generators, as this activity is not subject of ANRE regulations and not comprised within the market participants' reports
	2)	Export volumes correspond to the quantities for which CN Transelectrica SA applied extraction component of transmission tariff for export. which in some cases are different to those reported as traded by participants
	3)	The average monthly price has been calculated based on monthly traded volume and transaction value published by SC Opcom SA
	4)	Modifications due to updating of several market participants reports

The percentage of electricity quantities from the internal consumption (see table from above) offers a dimensional reference for each of the specified markets. Prices include only the injection component of the transmission tariff, in this way being comparable within a month and making possible the comparison with the previous month.

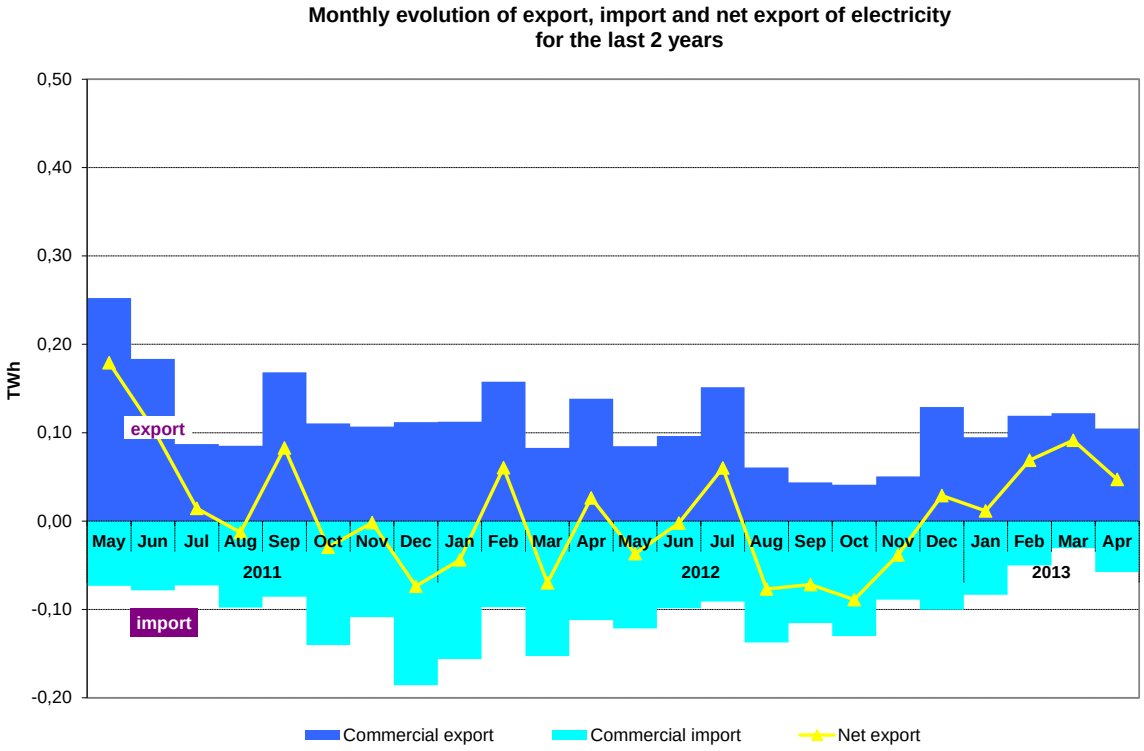
The following graph presents the evolution of the relation between the volumes sold on each market and the estimated internal consumption, during the last 5 years.



Source: Monthly reports of wholesale market participants. SC Opcom SA and CN Transelectrica SA – processed by MG

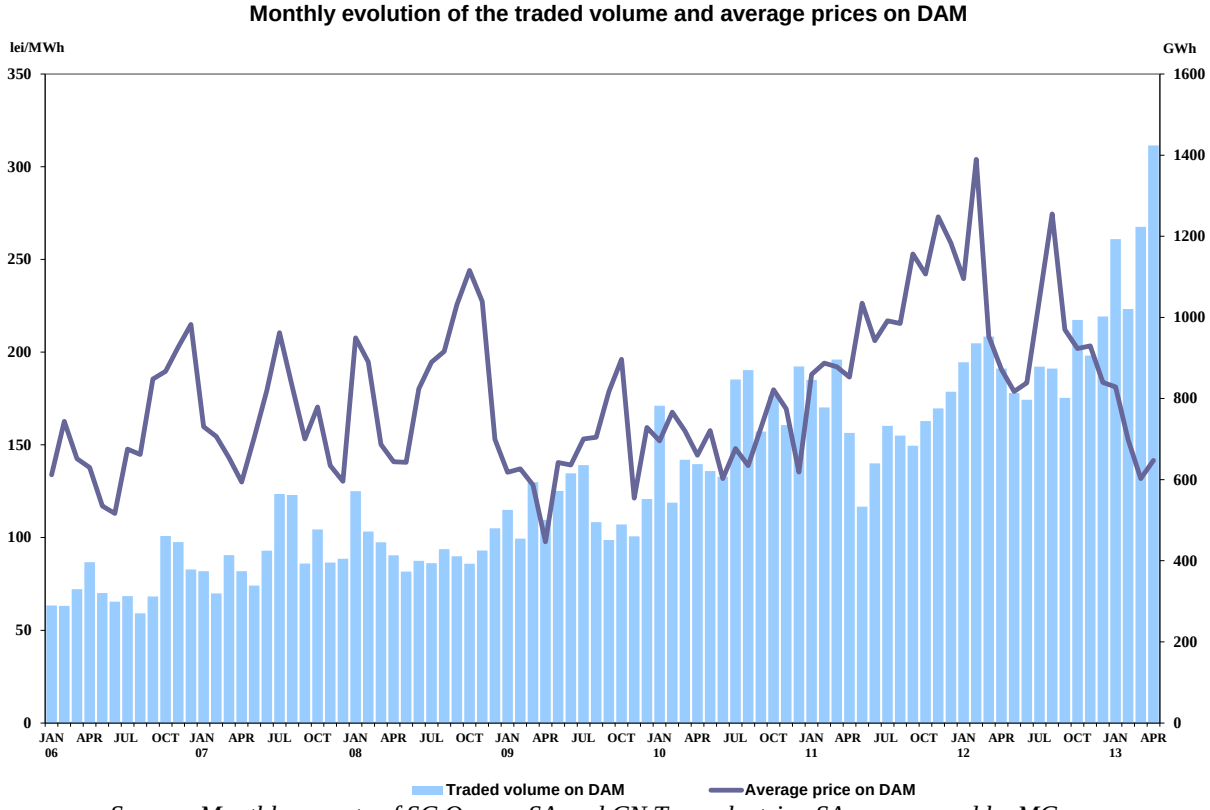
Note: In the above graph, the volumes traded on negociated contracts' market do not include the export trades

The following graph presents the monthly values of commercial export (quantities for which the extraction component of transmission tariff was applied), commercial import (quantities for which the injection component of transmission tariff was applied) and the net export (export minus import) in the last 24 months:



Source: Monthly reports of CN Transelectrica SA – processed by MG

The following graph presents the volumes and the monthly average prices on DAM starting with January 2006.



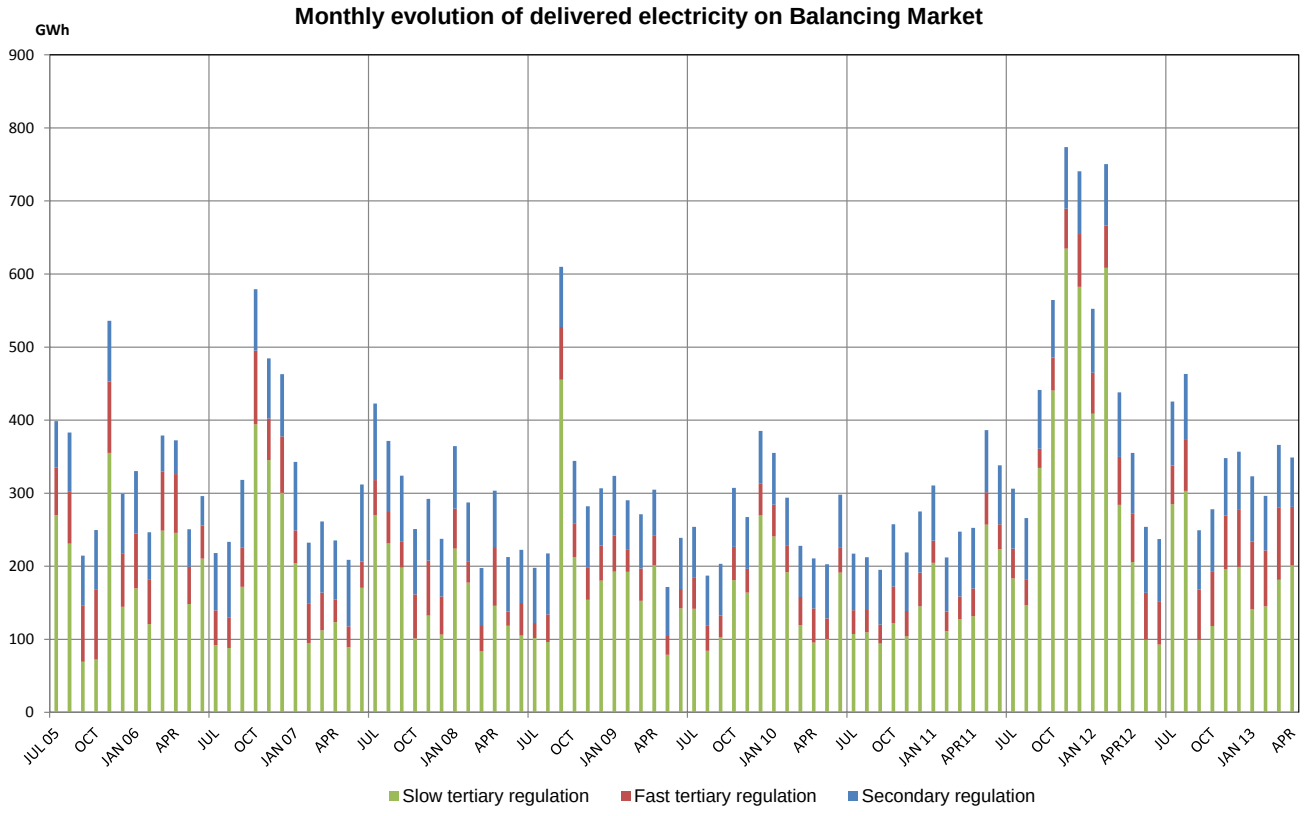
Source: Monthly reports of SC Opcom SA and CN Transelectrica SA – processed by MG

Balancing electricity is determined by the dispatch orders (accepted offers) received by generators. After settlement, the actual electricity delivered by generators on balancing market is determined based on the measured (approved) values; the relation between the accepted and delivered electricity in April 2013 presented in the following table:

April 2013	Dispach order (GWh)	Delivered electricity (GWh)	Deviation (%)
Secondary regulation	**68**	**68**	
upward	34	34	
downward	33	33	
Fast tertiary regulation	**89**	**80**	**10**
upward	58	55	5
downward	31	25	20
Slow tertiary regulation	**214**	**201**	**6**
upward	48	44	8
downward	166	157	5
TOTAL	**371**	**349**	
upward	140	134	
downward	230	215	
INTERNAL CONSUMPTION		**3975**	
% share of traded volumes from internal consumption		***8,8%***	

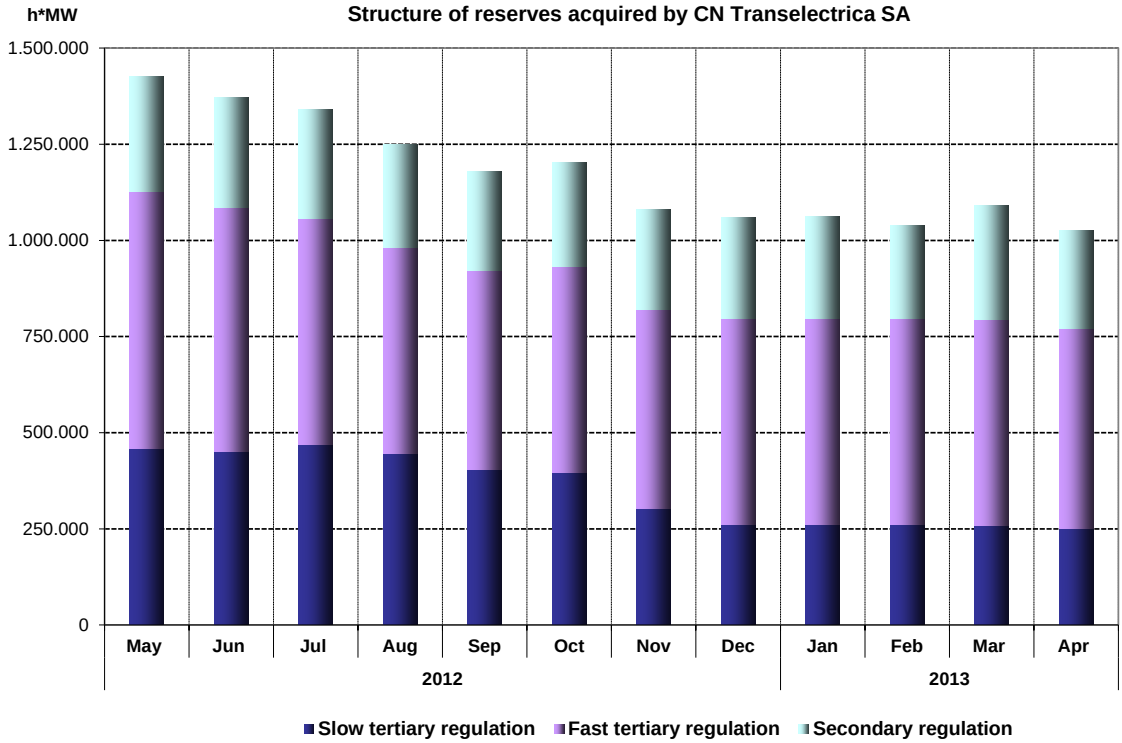
Source: Monthly reports of CN Transelectrica SA – processed by MG

The structure of balancing electricity delivered in the system on each type of regulation starting from July 2005 is presented in the graph below:



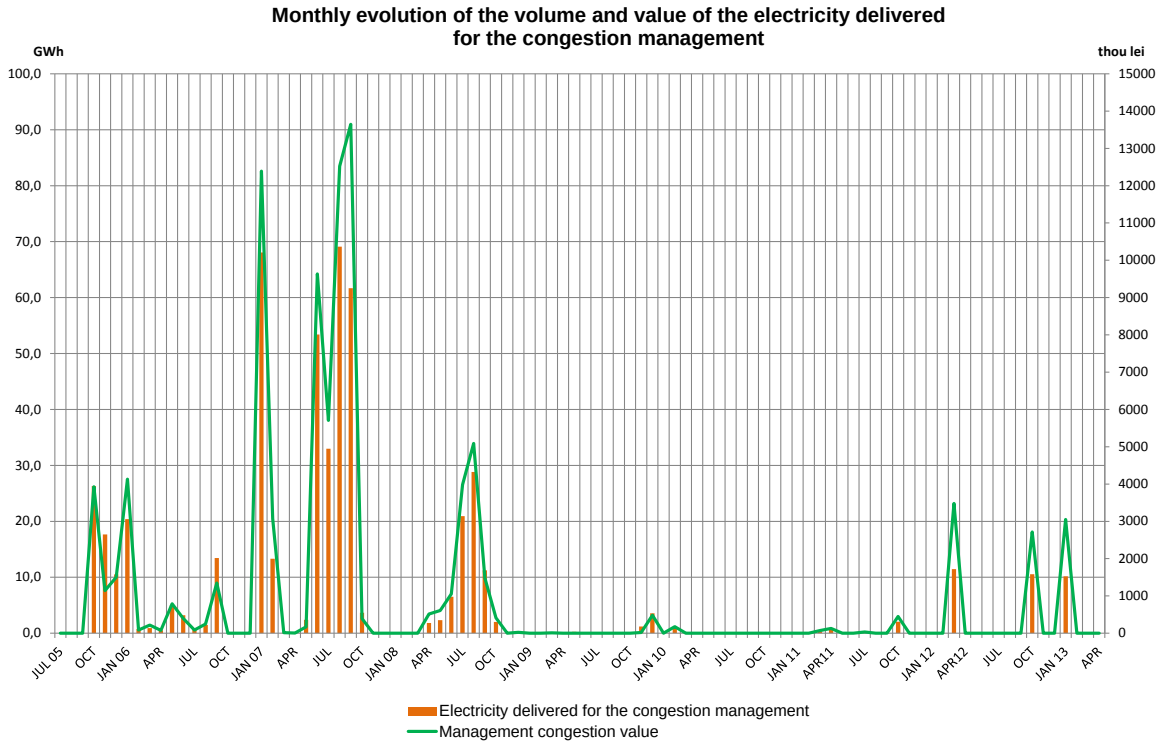
Source: Monthly reports of CN Transelectrica SA – processed by MG

For comparison, the following graph presents the evolution of reserves (ancillary services, i.e. obligations of generators to maintain their contracted capacities available for dispatching/offering on BM) acquired/paid by CN Transelectrica SA from July 2005 until present:



Source: Monthly reports of CN Transelectrica SA – processed by MG

The following graph presents the evolution of electricity traded by CN Transelectrica SA on the Balancing Market for covering the electricity used for congestion management (in order to solve the congestions occurred within the transmission grid) and the evolution of the values of these transactions starting from July 2005.



Source: Monthly reports of CN Transelectrica SA – processed by MG

5. Trading structure on the wholesale electricity market of different participant categories

Generators

The structure of electricity sales obligations contracted before delivery day by the electricity generators with dispatchable units in April 2013 compared to previous month and April 2012 was the following:

- GWh -

Transaction type	March 2012	April 2013	April 2012
0	**1**	**2**	**3**
Regulated to incumbents, thermal generators	664.80	470.55	596.94
Regulated to incumbents, hydro generator	441.01	429.37	360.89
Regulated to incumbents, nuclear generator	474.53	458.37	530.91
Regulated for distribution losses. thermal generators	380.63	0.00	167.48
Regulated for distribution losses, hydro generator	0.00	0.00	89.51
Regulated for distribution losses, nuclear generator	0.00	0.00	165.58
Regulated to other generators	0.00	0.00	0.76
Negotiated to other generators	0.00	0.00	2.34
Negotiated to suppliers	603.21	561.21	915.95
Contracts concluded on centralized markets	972.32	965.33	526.07
Regulated and competitive supply to customers	294.41	275.80	289.26
Export	0.00	0.00	65.66
DAM	842.04	1103.67	481.44
Total	**4672.93**	**4264.30**	**4192.78**

Source: Monthly reports of generators – processed by MG

Suppliers

In April 2013, 76 companies having as main activity the supply of electricity concluded transactions on the electricity market; from these, 33 suppliers traded electricity exclusively on the wholesale market and 43 suppliers on both retail and wholesale markets (in this category are also included the 5 suppliers of last resort).

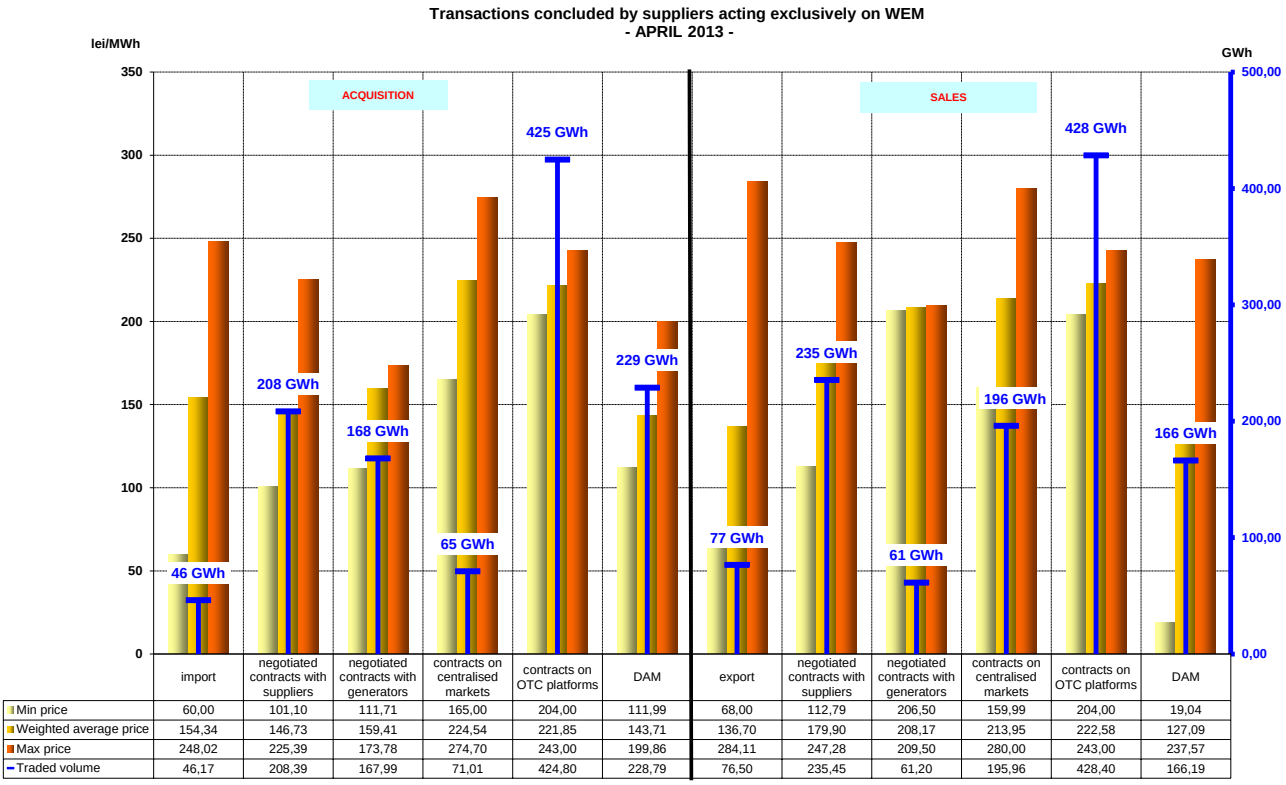
Suppliers acting exclusively on WEM

The following table shows the activity for April 2013 compared to April 2012 of the suppliers acting exclusively on WEM, acquisitions and sales being split by categories of markets/participants:

- GWh -

Transactions' structure of suppliers acting exclusively on WEM	April 2012	April 2013
Acquisitions		
Import	59.92	46.17
Negotiated contracts with suppliers	810.45	208.39
Negotiated contracts with generators	100.70	167.99
Contracts concluded on centralized markets	69.43	71.01
Contracts on OTC platforms	903.92	424.80
DAM	132.33	228.79
Sales		
Export	45.70	76.50
Negotiated contracts with suppliers	831.70	235.45
Negotiated contracts with generators	78.49	61.20
Contracts concluded on centralized markets	4.49	195.96
Contracts on OTC platforms	1026.68	428.40
DAM	123.30	166.19

In addition to the data from the table above, the following graph presents the minimum, average and maximum actual prices by categories of transactions completed by the suppliers acting exclusively on WEM (traders) in April 2013.



	import	negotiated contracts with suppliers	negotiated contracts with generators	contracts on centralised markets	contracts on OTC platforms	DAM	export	negotiated contracts with suppliers	negotiated contracts with generators	contracts on centralised markets	contracts on OTC platforms	DAM
Min price	60,00	101,10	111,71	165,00	204,00	111,99	68,00	112,79	206,50	159,99	204,00	19,04
Weighted average price	154,34	146,73	159,41	224,54	221,85	143,71	136,70	179,90	208,17	213,95	222,58	127,09
Max price	248,02	225,39	173,78	274,70	243,00	199,86	284,11	247,28	209,50	280,00	243,00	237,57
Traded volume	46,17	208,39	167,99	71,01	424,80	228,79	76,50	235,45	61,20	195,96	428,40	166,19

Source: Monthly reports of the competitive suppliers– processed by MG

Active suppliers on REM (the suppliers of last resort are not included)

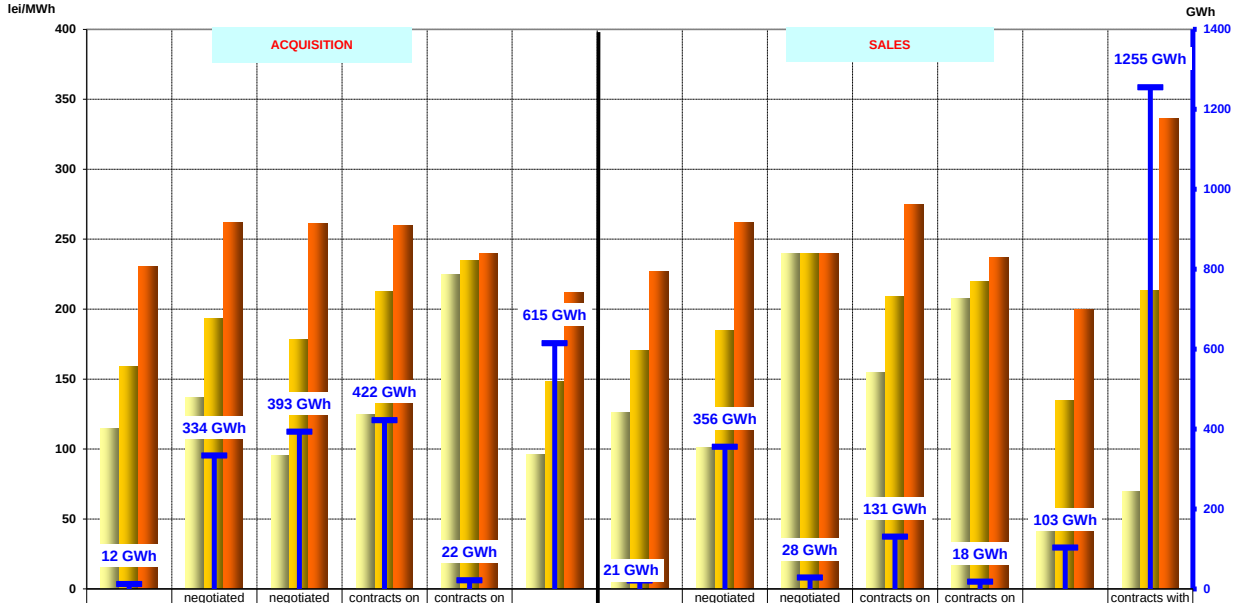
The following table presents aggregated information on transactions volume and structure for suppliers providing electricity to final consumers, on the competitive market, for April 2013 and April 2012.

- GWh -

Transactions' structure of suppliers providing electricity to final customers (the suppliers of last resort are not included)	**April 2012**	**April 2013**
Acquisitions		
Import	16.48	11.99
Negotiated contracts with suppliers	968.37	333.59
Negotiated contracts with generators	809.19	393.22
Contracts concluded on centralized markets	227.47	422.10
Contracts on OTC platforms	145.08	21.60
DAM	424.16	614.54
Sales		
Export	27.03	21.15
Negotiated contracts with suppliers	1154.81	355.68
Negotiated contracts with generators	38.64	28.48
Contracts concluded on centralized markets	13.02	130.86
Contracts on OTC platforms	22.32	18.00
DAM	177.56	103.49
Contracts with industrial customers	1220.43	1255.01

In addition to the data from the table above, the following graph presents the sales structure and the minimum, average and maximum actual prices by categories of transactions completed by suppliers providing electricity to final customers in April 2013:

Transactions concluded by suppliers providing electricity to final consumers
(suppliers of last resort not included)
- APRIL 2013 -



	import	negotiated contracts with suppliers	negotiated contracts with generators	contracts on centralised markets	contracts on OTC platforms	DAM	export	negotiated contracts with suppliers	negotiated contracts with generators	contracts on centralised markets	contracts on OTC platforms	DAM	contracts with industrial consumers
Min price	114,41	136,60	95,63	124,42	225,00	95,85	126,21	101,10	239,86	155,00	207,50	53,90	69,44
Weighted average price	159,31	193,64	178,61	212,56	234,53	148,51	170,48	184,41	239,86	208,75	219,64	134,59	213,60
Max price	230,32	262,10	261,60	260,00	240,00	211,60	226,94	262,10	239,86	274,70	237,10	199,49	336,19
Traded volume	11,99	333,59	393,22	422,10	21,60	614,54	21,15	355,68	28,48	130,86	18,00	103,49	1255,01

Source: Monthly reports of the competitive suppliers– processed by MG

Suppliers of last resort

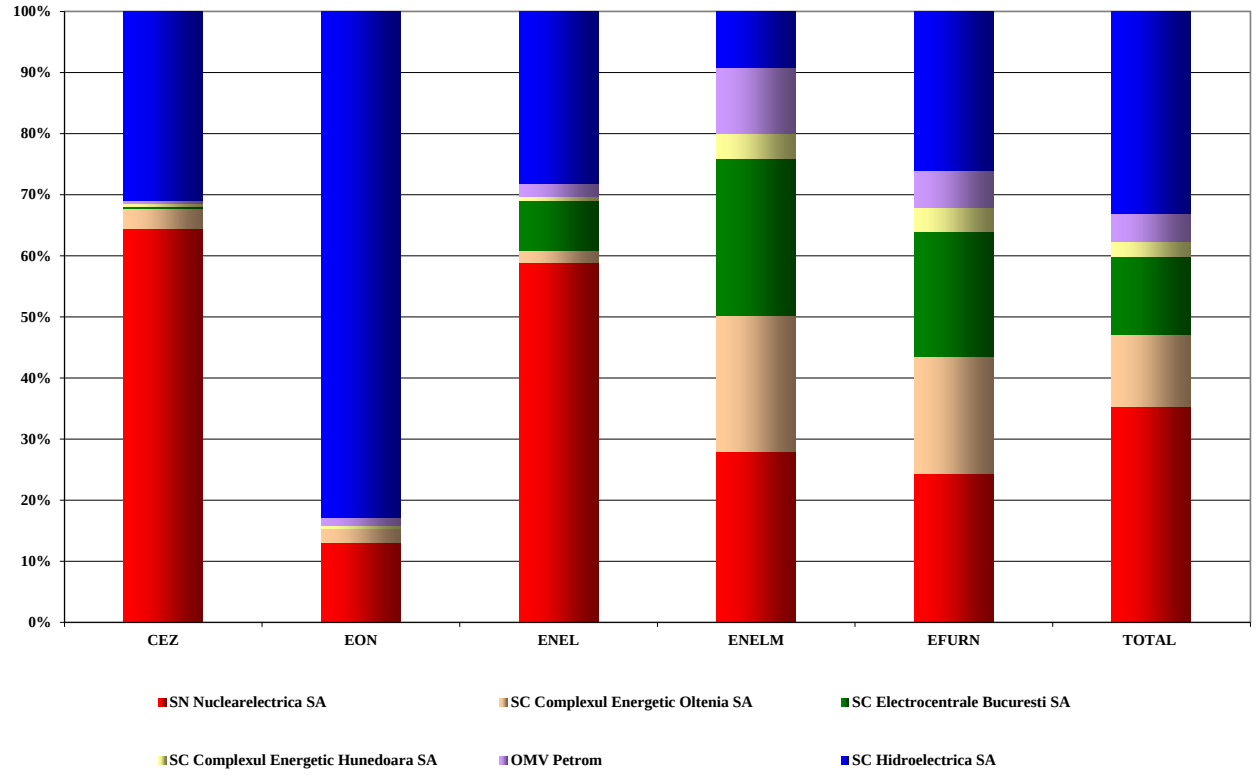
Electricity acquisition structure of suppliers of last resort (before the delivery day), for supplying the regulated market customers, is presented in the table below, for April 2013 compared to the situation of April 2012:

- GWh -

Acquisition structure of suppliers of last resort for regulated REM component	**April 2012**	**April 2013**
Regulated contracts with generators	1520.82	1365.65
Negociated contracts	80.70	32.37
Contracts concluded on centralized markets	64.63	190.70
Intraday	0.93	0.00
DAM	40.34	113.98

The structure of the electricity purchased by the suppliers of last resort from the main generators on regulated contracts is presented in the following graph for April 2013:

Electricity aquisition from main generators, on regulated contracts, of the suppliers of the last resort for delivering electricity to final consumers on regulated market
APRIL 2013



Source: Monthly reports of the suppliers of last resort – processed by MG

Starting with 1st September 2012, the suppliers of last resort apply a new tariff for the active power to the non-household customers who do not exercise their eligibility rights called the "Competitive Market Component" (CMC).

This tariff component is separately displayed in the bills of non-household customers who do not exercise their eligibility rights. This tariff was proposed by each supplier of last resort and finally approved by ANRE, in accordance with the provisions of ANRE Order no. 30/2012 for approving the Methodology to set up prices and tariffs to the final customers who chose not to exercise their eligibility rights.

The following table presents the electricity acquisition structure of suppliers of last resort for CMC (before the delivery day) for April 2013.

Acquisition structure of incumbent suppliers for CMC	Quantity [GWh]	Average price [lei/MWh]
Negotiated contracts	32.37	241.23
Contracts concluded on centralized markets	190.70	234.29
Contracts IntraDay	0.00	0.00
DAM	60.89	173.32
TOTAL	**283.96**	**222.01**

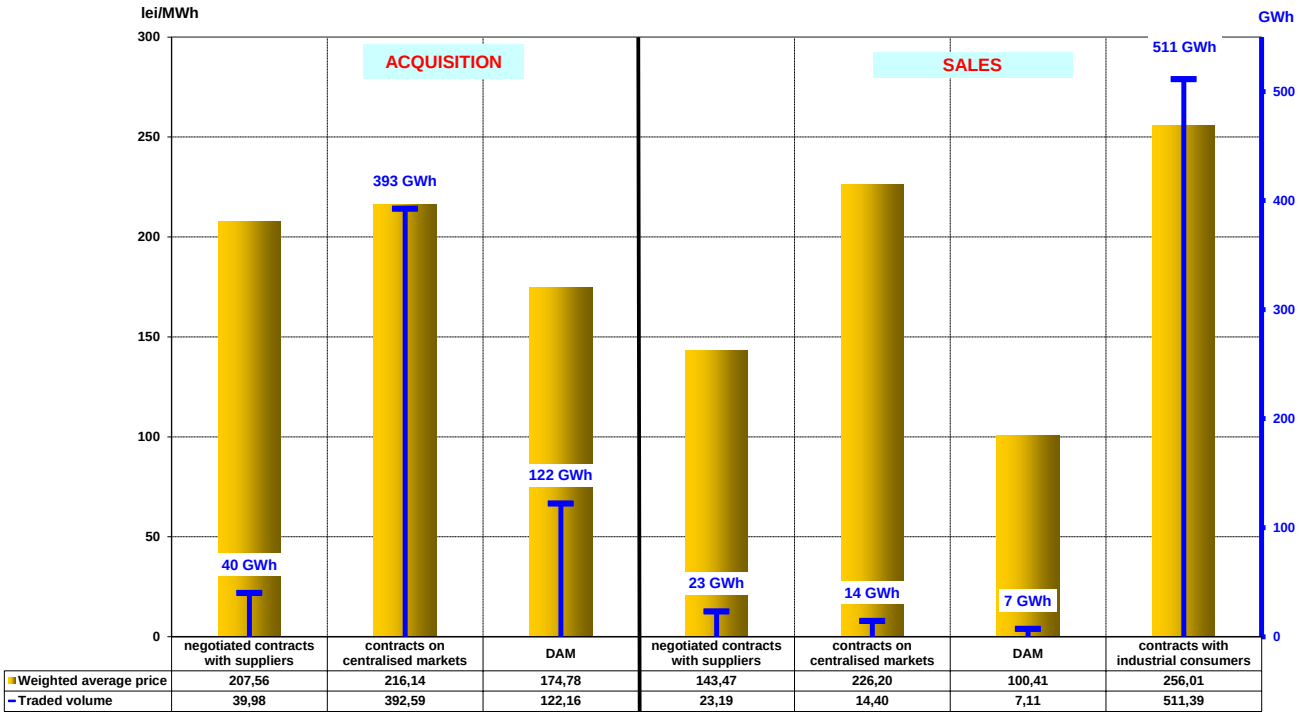
Similar to the situation presented for the regulated REM, the table below presents the structure of incumbent suppliers' transactions (before the delivery day), corresponding to the competitive REM (energy supplied at negotiated prices to the customers who renounced to regulated tariffs) for April 2013 compared to April 2012:

- GWh -

Transactions' structure of suppliers of last resort for competitive REM component	**April 2012**	**April 2013**
Acquisitions		
Import	35.66	0.00
Negotiated contracts with suppliers	407.22	39.98
Contracts concluded on centralized markets	114.14	392.59
DAM	222.11	122.16
Sales		
Negotiated contracts with suppliers	280.21	23.19
Negotiated contracts with generators	0.00	0.00
Contracts concluded on centralized markets	0.00	14.40
Contracts on OTC platforms	0.00	0.00
DAM	15.13	7.11
Final customers	502.84	511.39

The structure by types of sources/destinations of the traded volumes combined with the actual average prices of the suppliers of last resort corresponding to the competitive segment of REM is presented in the following graph for April 2013:

Transaction concluded by suppliers of last resort providing electricty on the competitive component of REM
- APRIL 2013 -



Source: Monthly reports of the suppliers of last resort – processed by MG

Main distribution operators

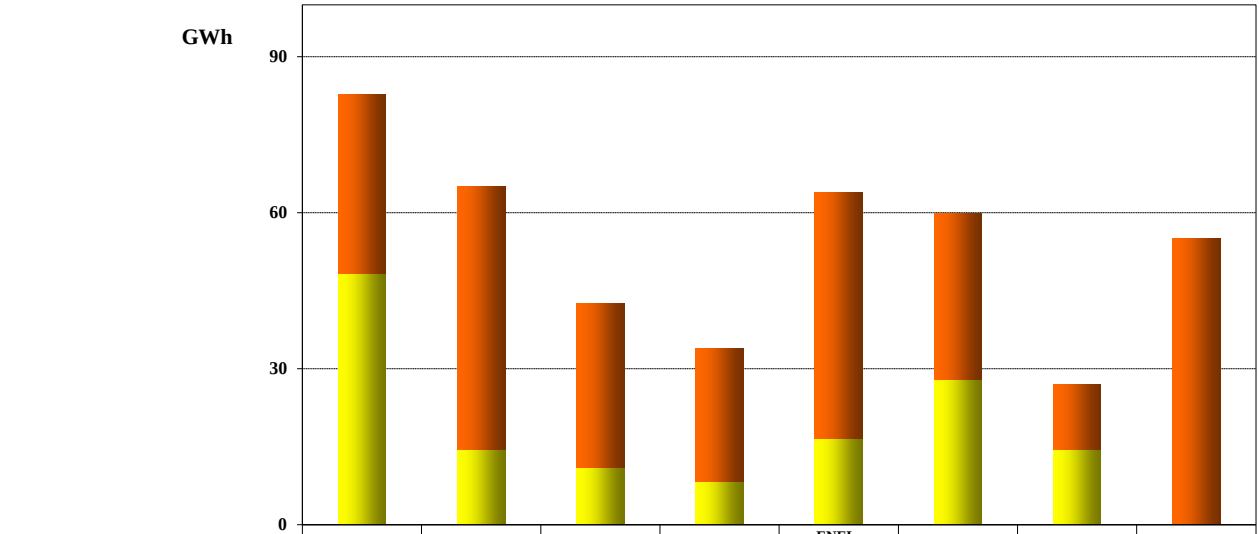
The following table shows the electricity acquisition structure of main distribution operators (before the delivery day), for covering the distribution network losses, for April 2013 compared to April 2012:

- GWh -

Acquisition structure	April 2012	April 2013
Regulated contracts with generators	425.74	0.00
Negotiated contracts with suppliers	0.00	141.00
Contracts concluded on centralized markets	0.00	0.00
DAM	127.56	289.13

Starting from 1st April 2013, the 8 main distribution operators had not anymore the possibility to purchase electricity on regulated contracts concluded with the main generators. The electricity purchased for covering their network losses is presented in detail in the following graph, for April 2013:

Electricity acquisition of distribution operators for covering the distribution losses
APRIL 2013



	CEZ	EON	ENEL-BAN	ENEL-DOB	ENEL-MUN	MUN	TRN	TRS
Acquisition on DAM	34	51	32	26	47	32	13	55
Acquisition on centralized contracts markets	48	14	11	8	17	28	14	0
Acquisition on regulated market	0	0	0	0	0	0	0	0

Source: Monthly reports of the distribution operators – processed by MG

6. Concentration indicators on the wholesale electricity market and its components

According to the economic theory and the EU documents, the following market concentration indicators may be defined:

- HHI, Herfindahl-Hirschman Index = sum of square market shares (%) of participants:
  The indicator values signify:
  HHI < 1000 non-concentrated market;
  1000 < HHI < 1800 moderately concentrated market;
  HHI > 1800 highly concentrated market.
- C3 = sum of market shares of the main three participants in the market:
  The indicator values signify:
  40% < C3 < 70% moderately concentrated market;
  C3 > 70% highly concentrated market.

These concentration indicators may be defined for the wholesale market (electricity market or ancillary services market) or for each of its components where direct competition takes place.

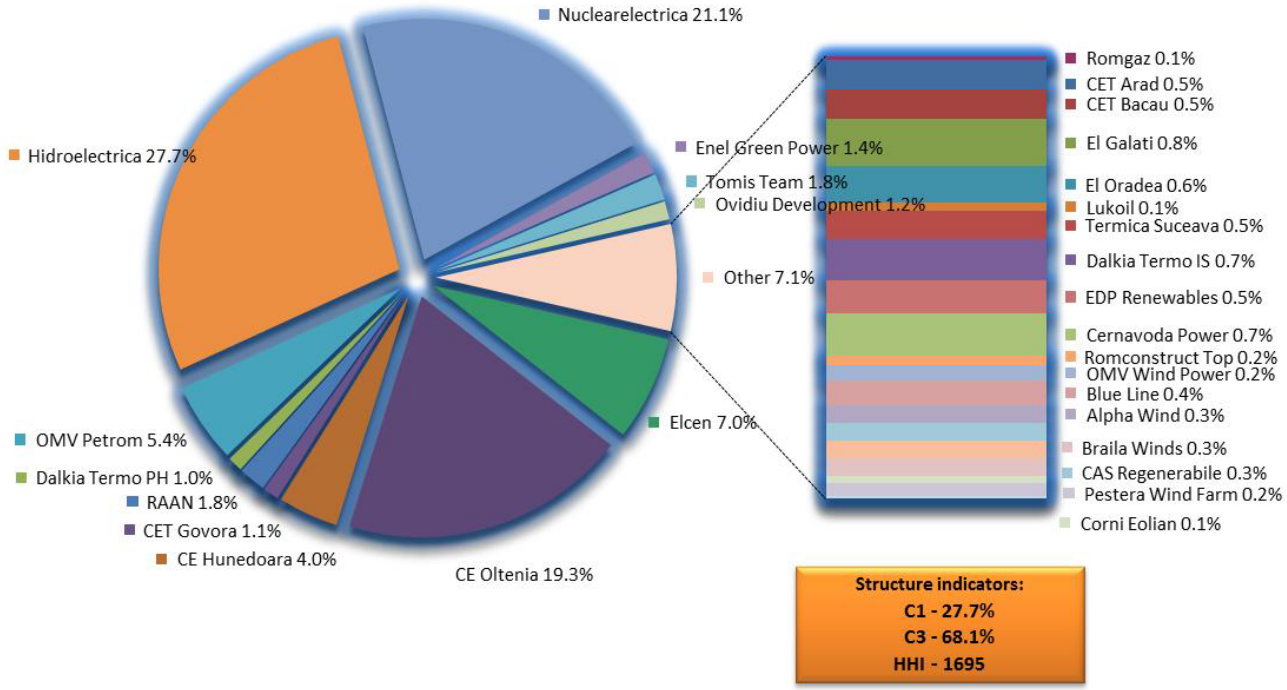
Concentration indicators and market shares of the electricity generators

The market structure regarding the electricity generation offers an initial basis for analyzing the possible competitiveness level of the electricity market. The following table presents the concentration indicators of electricity generation for April 2013, calculated based on electricity delivered into the networks by the generators with dispatchable units.

Concentration indicators - April 2013 -	**C1 (%)**	**C3 (%)**	**HHI**
Value	**40.2**	**76.6**	**2388**

The following graph presents the market shares of the electricity generators for the first 4 months from 2013, taking into account all the components of wholesale electricity market and calculated based on the electricity delivered into the grid by the dispatchable generators.

Market share of generators with dispatchable units by delivered electricity
January - April 2013



Source: Monthly reports of generators – processed by MG

A component of the WEM where direct competition between generators exists is the Balancing Market (BM). The values of concentration indicators on this market are determined based on effectively delivered electricity, for each type of regulation defined within the Commercial Code, and they are presented in the following table for April 2013:

Structure/concentration indicators of BM - APRIL 2013 -	Regulation					
	Secondary		Fast tertiary		Slow tertiary	
	upward	downward	upward	downward	upward	downward
C1 - % -	72	69	74	62	63	89
C3 - % -	100	100	96	93	90	100
HHI	5750	5349	5808	4666	4412	8015

Source: Monthly reports of CN Transelectrica SA – processed by MG

The competition between generators is also present when speaking about the ensuring the reserves necessary for security of supply in the NES. Due to the fact that generators have different levels of capabilities for ensuring this type of service, this market has an important regulated component. The relationship between regulated and competitive components on the Ancillary Services Market (ASM) as well as the main concentration indicators on each type of reserve (secondary, fast tertiary and slow tertiary) are presented in the following table for April 2013:

Concentration indicators on ASM - April 2013 -		Secondary reserve	Fast tertiary reserve	Slow tertiary reserve
regulated component	contracted quantity (h*MW)	254880	518400	-
	C1 (%)	54.4	79.8	-
	C3 (%)	97.2	90.9	-
competitive component	contracted quantity (h*MW)	-	-	252000
	C1 (%)	-	-	36.3
	C3 (%)	-	-	74.9
	HHI	-	-	2429

Source: Monthly reports of CN Transelectrica SA – processed by MG

Concentration Indexes for the Day Ahead Market

Day Ahead Market (DAM) is a voluntary market, opened both for buying and selling for all types of market participants: generators, suppliers, grid operators, under aplicable regulations.

The concentration indicators on DAM reflects the level of competition between sellers and between buyers respectively, the dynamics of both influencing the price level. The following table presents C1, C3 and HHI for buying and for selling side of DAM in April 2013, based on quantities traded by participants on this market.

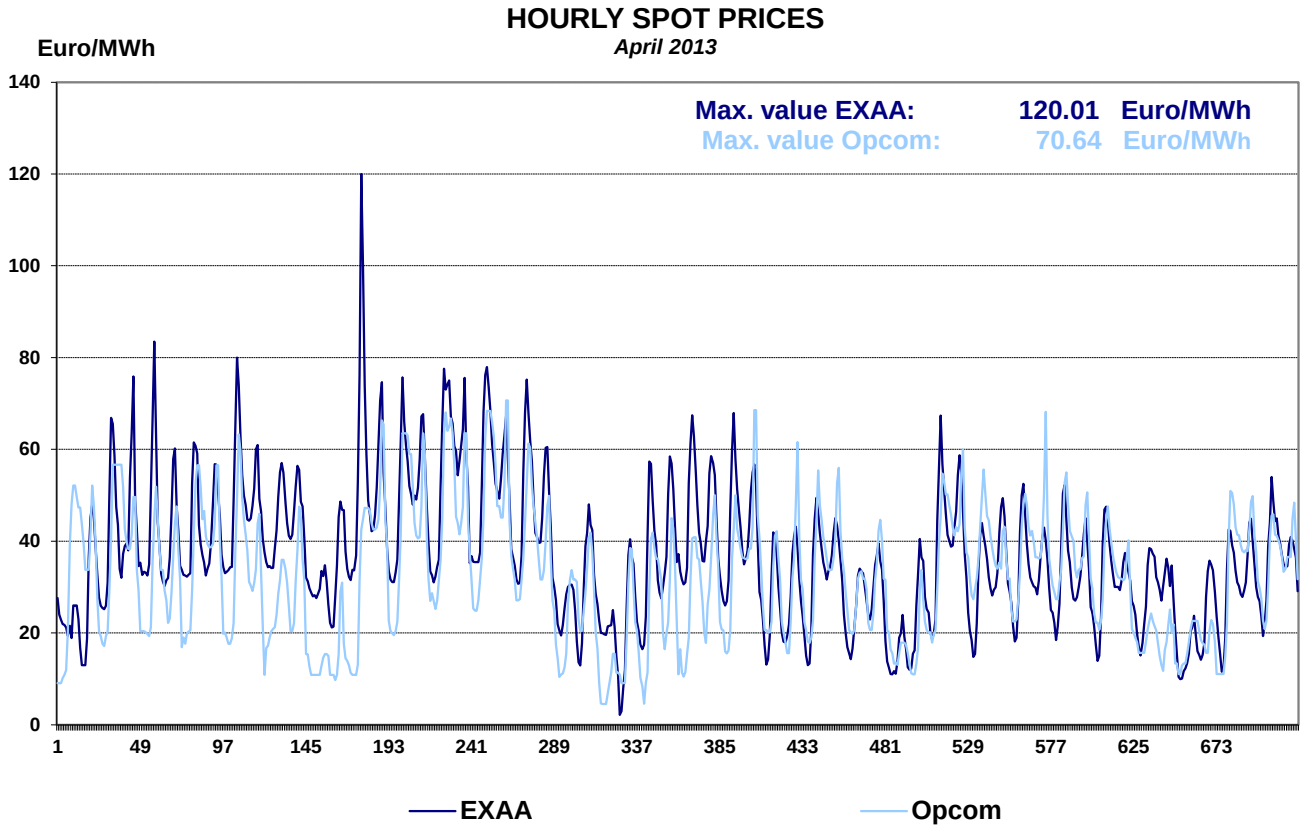
Concentration indicators on DAM - April 2013 -	C1 (%)	C3 (%)	HHI
Selling	27.42	55.99	1359
Buying	16.68	34.59	683

Source: Monthly reports of SC Opcom SA – processed by MG

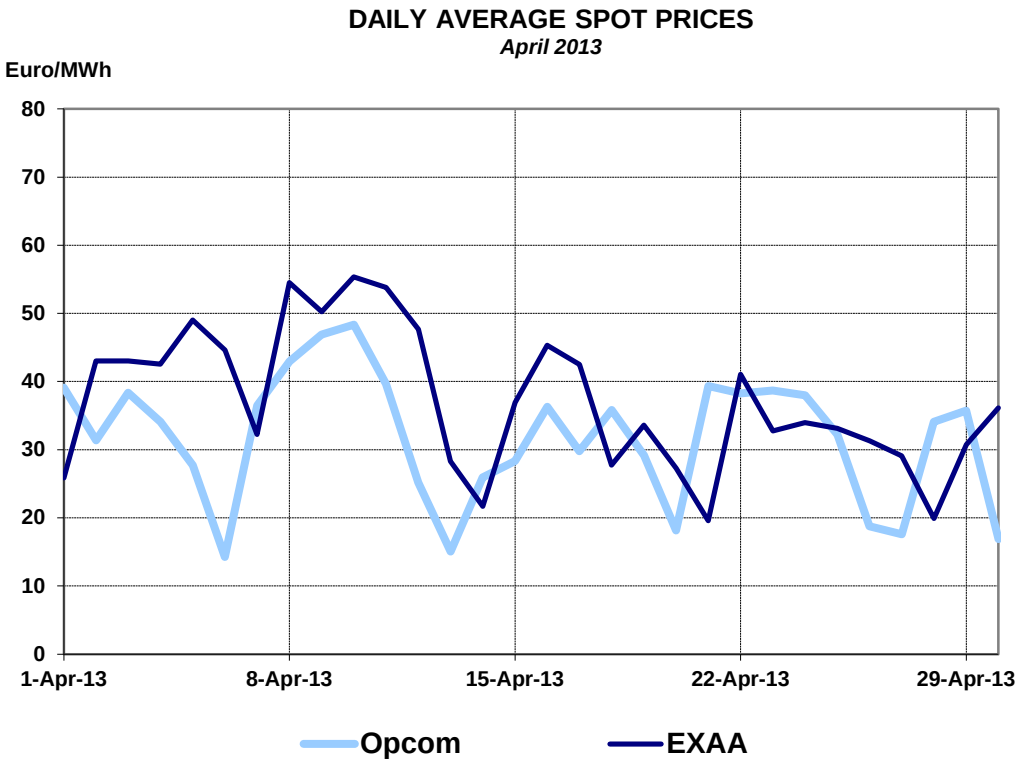
7. Price evolution on wholesale electricity market

SC Opcom SA is the administrator of DAM. The MCP on DAM represents a reference value for the prices on the bilateral contracts. The evolutions of hourly and daily average prices on DAM in April 2013 are presented in the following graphs, along with the prices on EXXA.

For comparison with prices on the European power exchanges, the spot price on SC Opcom SA is denominated in EUR, taking into consideration the daily exchange rates Euro/leu communicated by the National Bank of Romania.

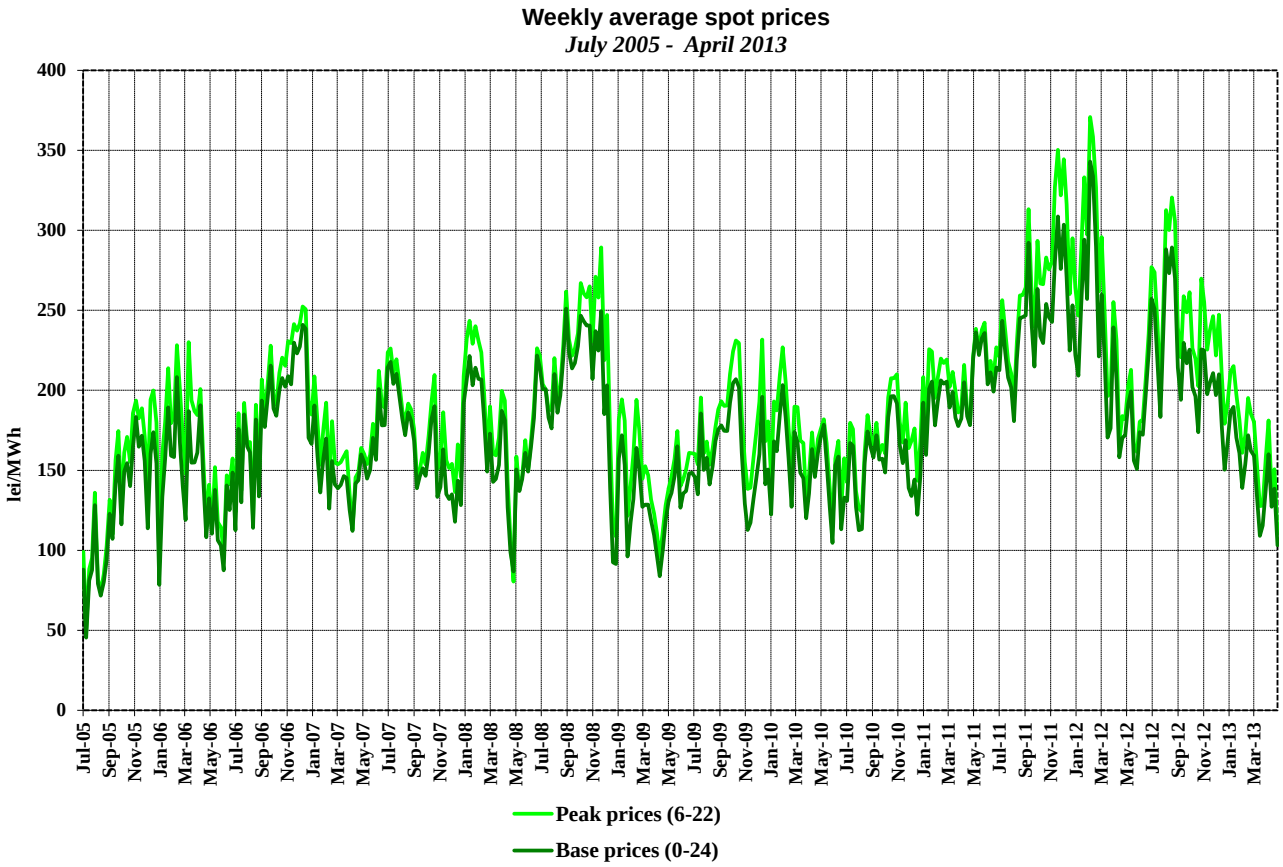


Source: Daily reports of SC Opcom SA and published data of EXAA – processed by MG



Source: Daily reports of SC Opcom SA and published data of EXAA – processed by MG

The following graph presents the evolution of weekly average spot prices starting with July 2005:



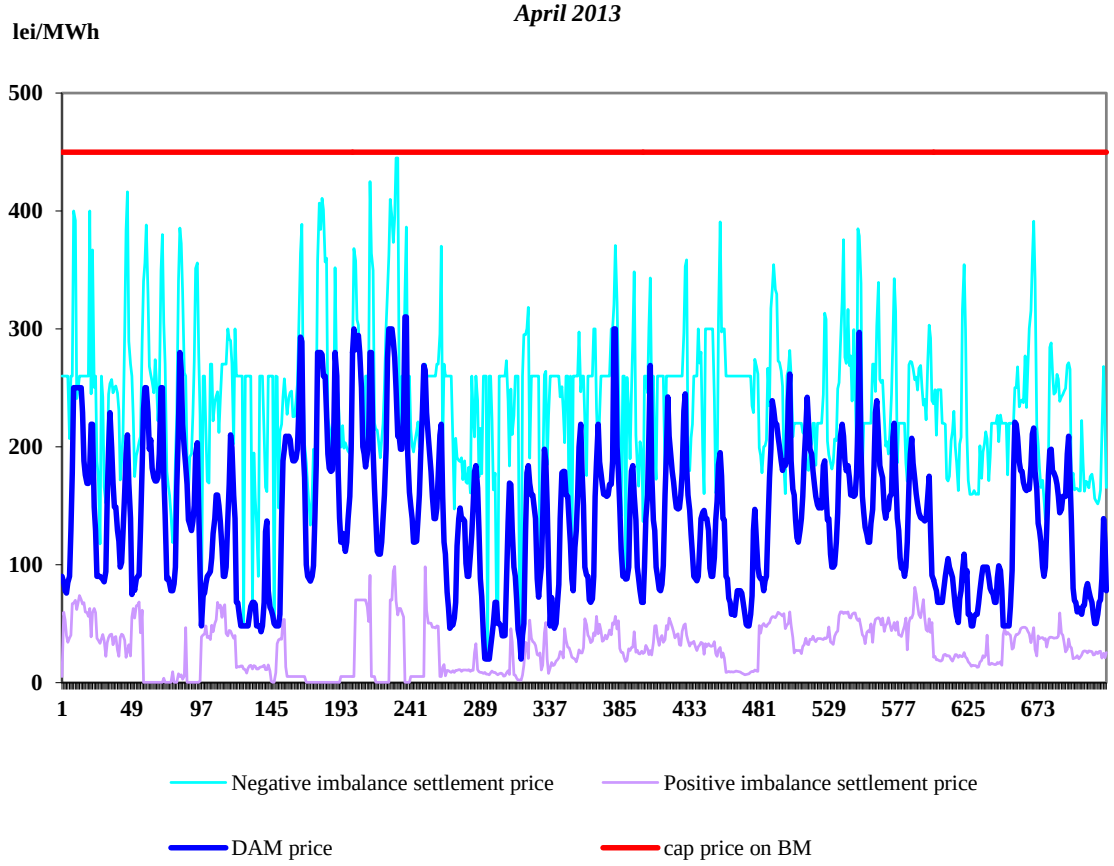
Source: Daily reports of SC Opcom SA – processed by MG

In order to cover the differences between planned/contracted amounts of consumption/ generation and the real time consumption, the system operator (CN Transelectrica SA) operates the BM by buying or "selling" electricity at prices determined by the merit order of dispatchable generators' offers. The participants generating imbalances, grouped in BRPs, have to bear the imbalances costs. For the negative imbalances, they have to pay the settlement price resulting from the upward bids accepted on the BM, while for the positive imbalances they receive the settlement price resulting from the downward bids accepted on the BM.

The settlement prices (MCP on DAM, negative imbalance settlement price and positive imbalance settlement price) are represented on the same graph, showing the two markets correlation degree. In the first graph the prices are expressed in hourly values, in the second graph in hourly average values compared to internal consumption, and in the last graph in average monthly values.

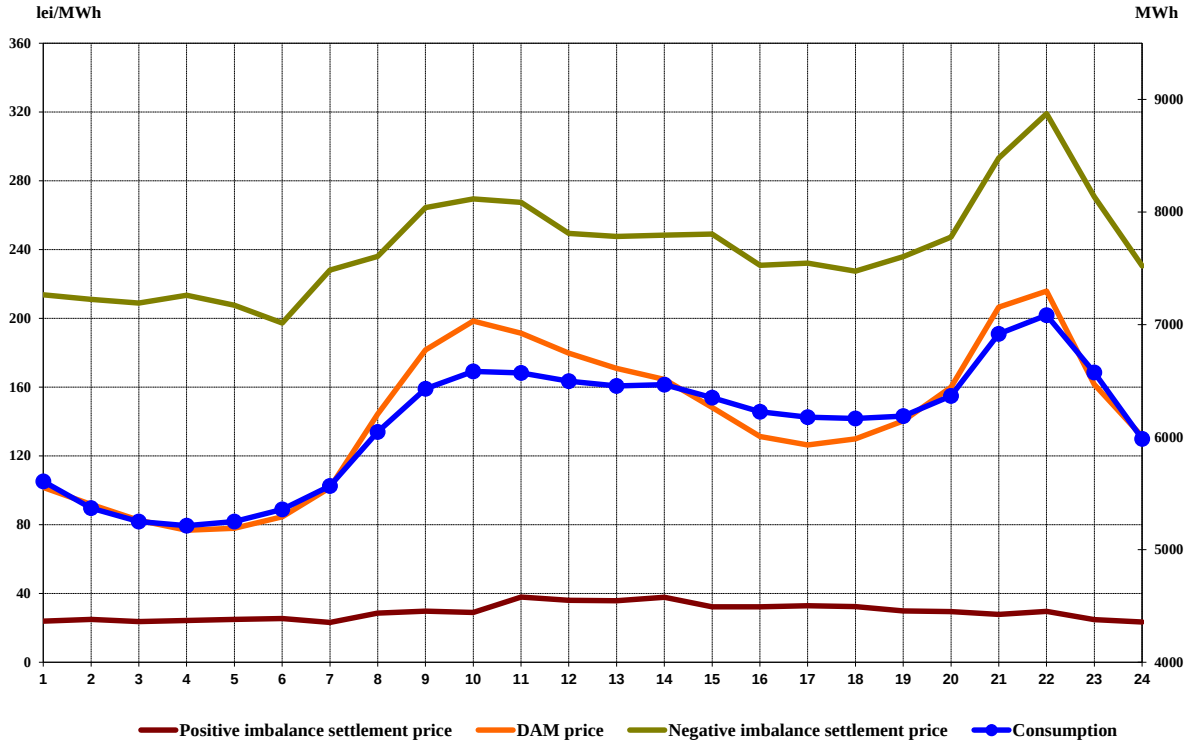
Hourly settlement prices

April 2013



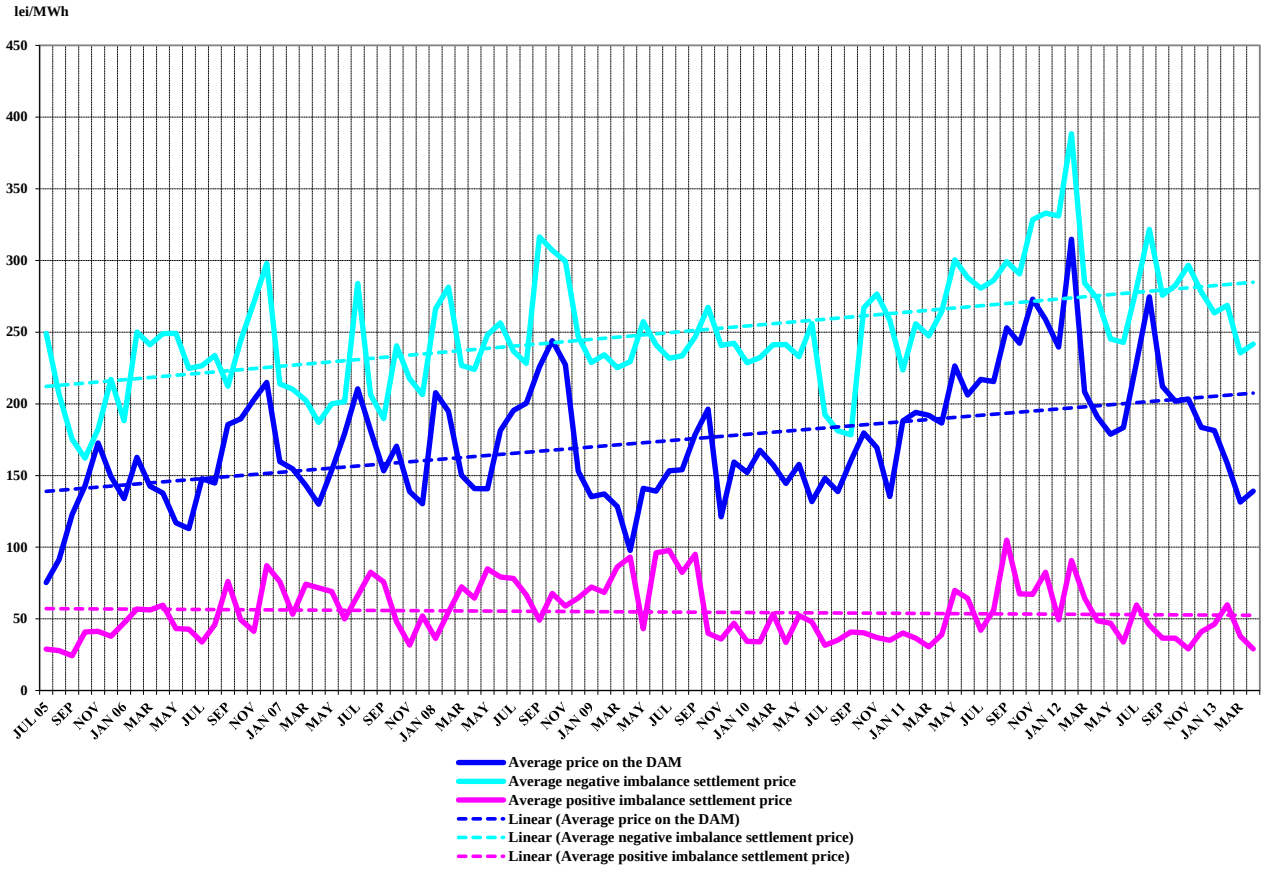
Source: Daily/monthly reports of SC Opcom SA – processed by MG

Hourly average settlement prices and internal consumption
April 2013



Source: Monthly reports of SC Opcom SA and CN Transelectrica SA – processed by MG

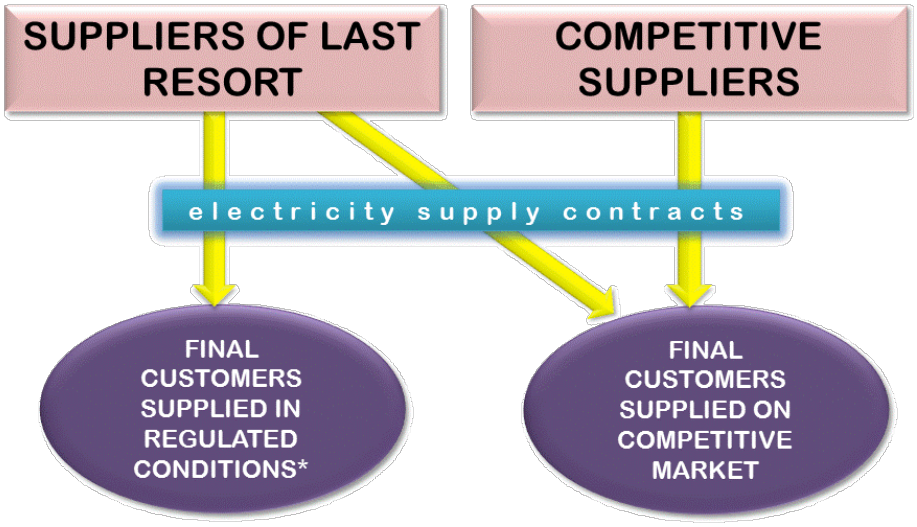
Monthly average prices on DAM and BM
July 2005 - April 2013



Source: Monthly/daily reports of SC Opcom SA – processed by MG

III. RETAIL ELECTRICITY MARKET

1. Structure of the retail electricity market

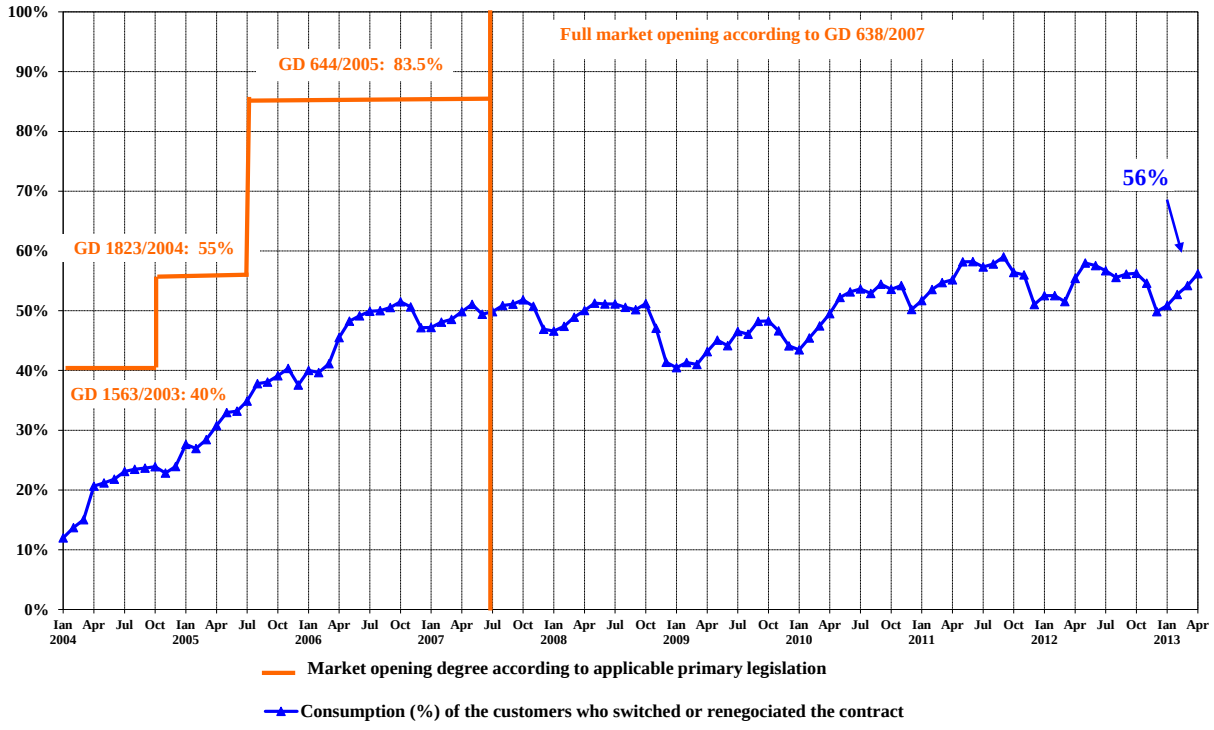


* according to art. 53 (2) and art. 55 (1) from Electricity and Gas Law no. 123/2012

2. Electricity market opening degree

The following graph contains the quota of the consumption from total consumption, of the customers who switched their supplier or renegotiated their contracts with the suppliers operating on the regulated market, during January 2004 – April 2013. The values presented are cumulated from the beginning of the opening process and are presented monthly:

Opening degree evolution of electricity market
January 2004 - April 2013

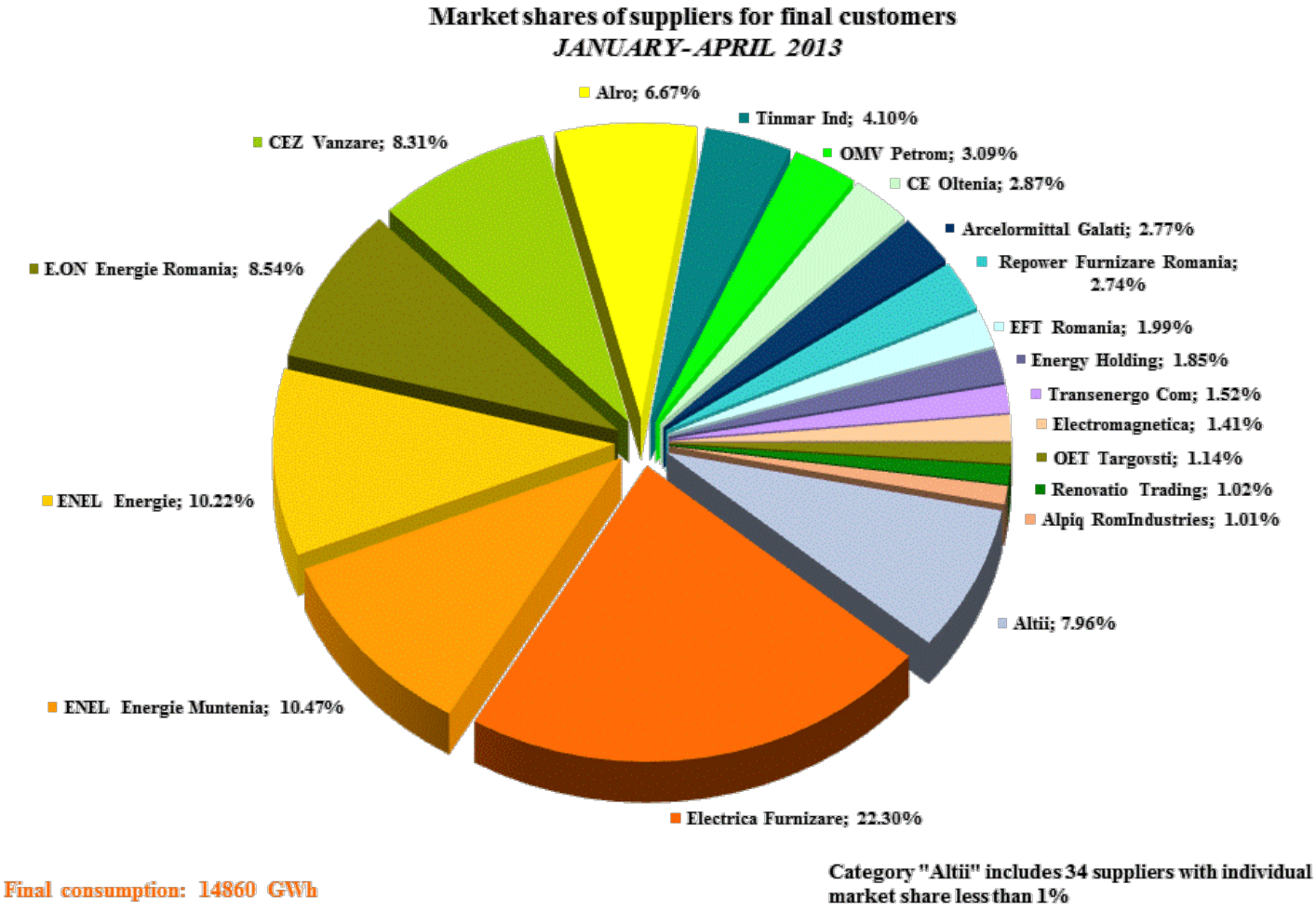


Source: Monthly reports of the final customers' suppliers – processed by MG

3. Market shares of the electricity suppliers

In the following three graphs there are presented the market shares of electricity suppliers on the retail market, calculated:

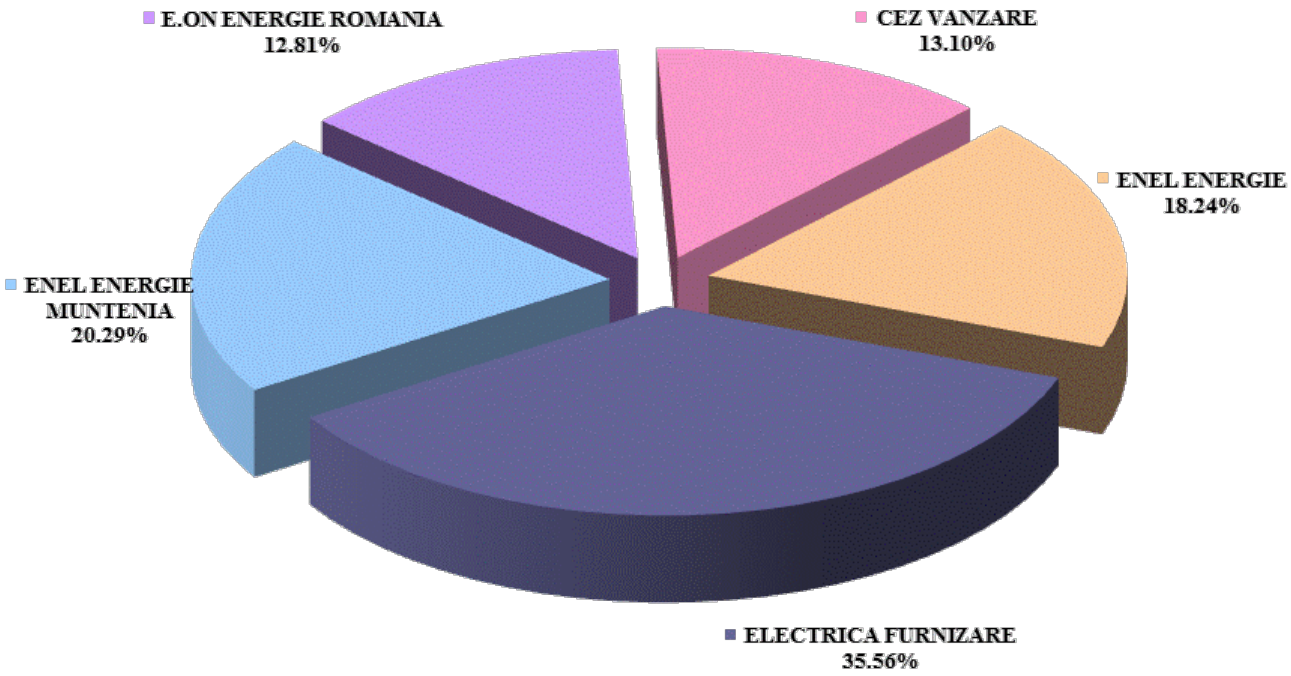
a) for all suppliers (including the suppliers of last resort) on REM – based on the electricity supplied to the customers on regulated tariffs (including CMC) as well as to the customers who switched their supplier or renegociated their contract;



Source: Monthly reports of the incumbent suppliers– processed by MG

b) for suppliers of last resort - based on the electricity supplied to the final customers at regulated tariffs and CMC;

Market shares of suppliers of last resort on regulated market
JANUARY- APRIL 2013

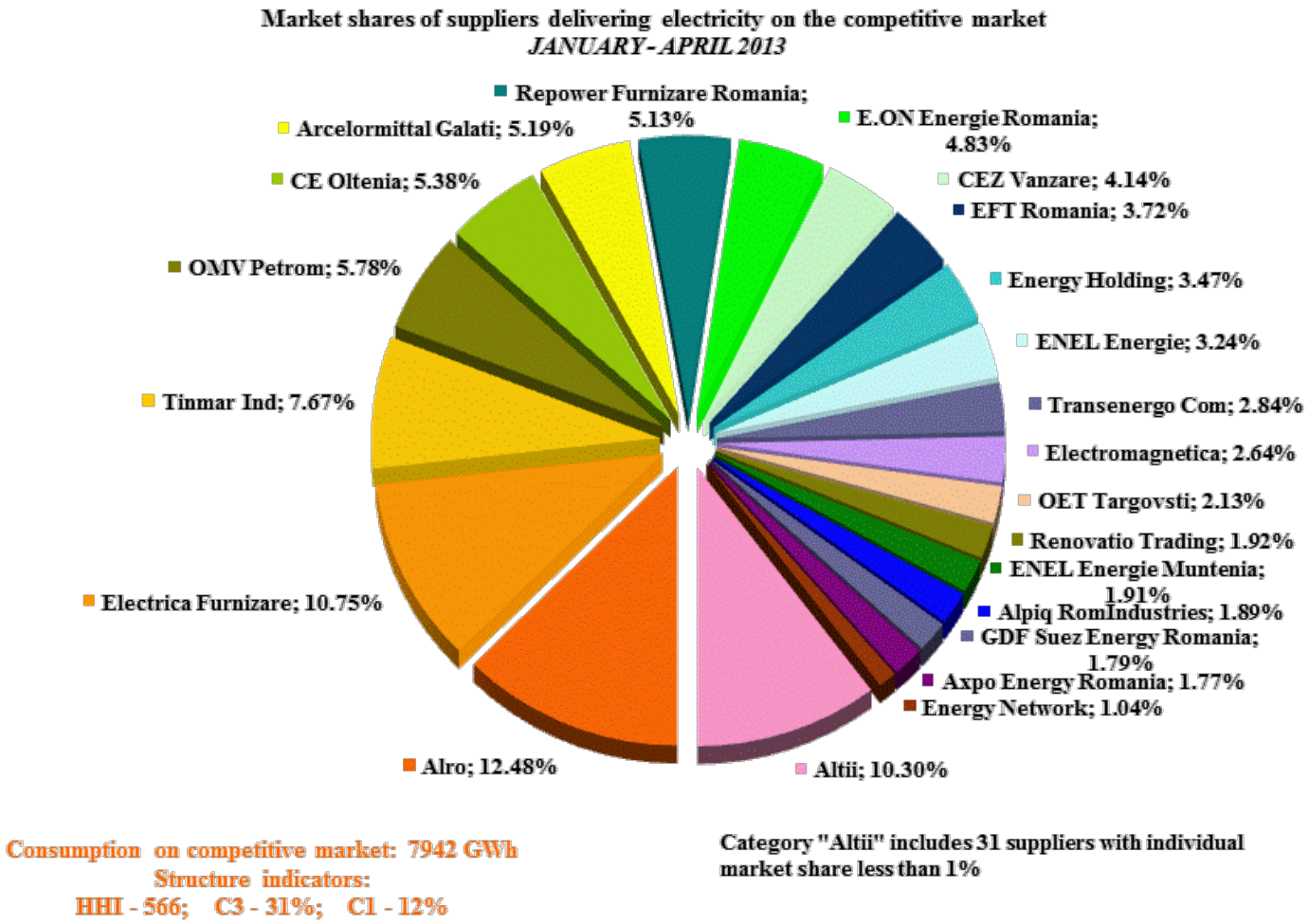


Consumption of customers supplied at regulated tariffs and CMC: 6918 GWh

Source: Monthly reports of the suppliers of last resort – processed by MG

and

c) for all suppliers (including the suppliers of last resort) based on the electricity supplied for the customers at negociated prices on competitive component of REM:



Source: Monthly reports of the competitive suppliers– processed by MG

The values of market indicators were calculated without taking into consideration the dominance principle. The delivered electricity used for determining the market share of each supplier comprises the self-consumption of the largest industrial customer which owns a supply license and based on it acquired its electricity from the WEM as a competitive supplier.

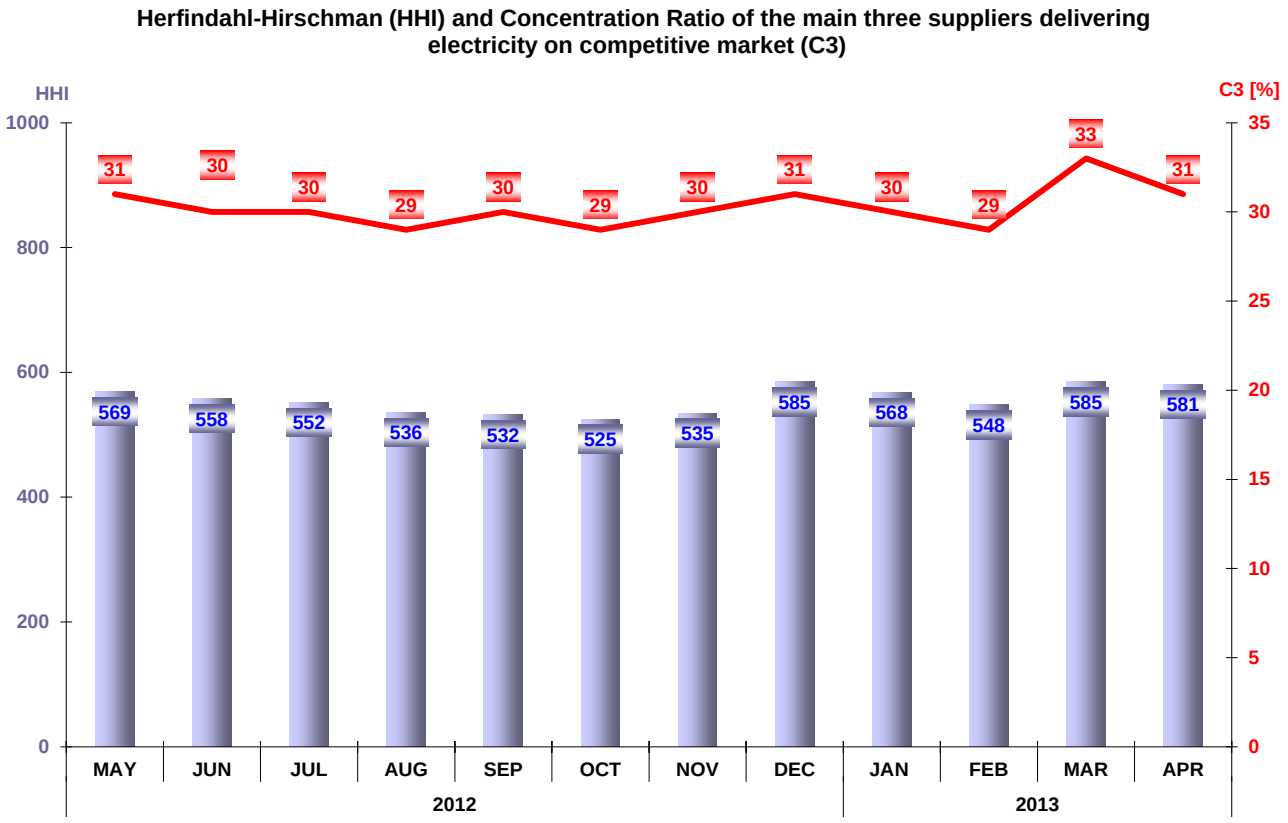
The electricity supplied to the final customers used for calculating the market share of every supplier includes also the self-consumption of that particular supplier (e.g. customers with supply license who buy electricity for themselves from WEM as competitive suppliers).

The analysis of the competitive suppliers' activity on the competitive REM component compared to their activity on the WEM is developed based on the weight of the electricity sold to final customers in total electricity sales. The table below presents the number of suppliers acting on the REM, grouped into categories of sales weight during April 2013:

Number of suppliers	Share of sales to final customers from total sales transactions			
	100%	75% - 100%	50% - 75%	<50%
Competitive	5	14	5	14
Of last resort	0	4	1	0

4. Concentration indicators of the competitive retail electricity market

The monthly evolution of concentration indicators (C3, HHI) determined on the competitive component of the REM is presented for May 2012 – April 2013 in the following graph:



Source: Monthly reports of the suppliers – processed by MG

The table below shows the values of structure indicators of competitive component of REM for and the number of active suppliers in April 2013, calculated for each customer category as defined by the Directive 2008/92/EC of the European Parliament and of the Council:

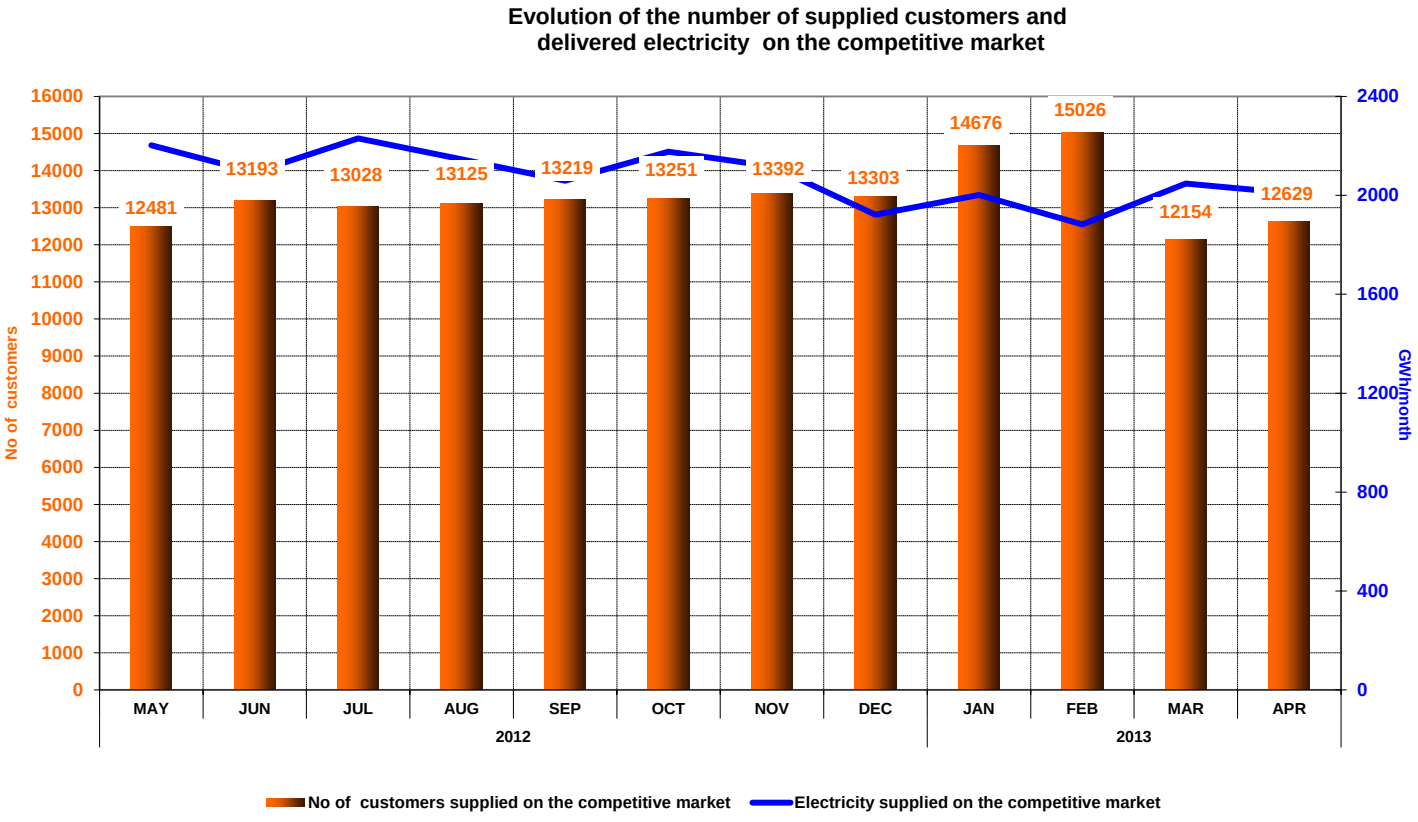
Indicators - April 2013	Customer category							Total REM
	IA	IB	IC	ID	IE	IF	Other	
C1 - % -	28	28	24	17	19	23	31	**12**
C3 - % -	54	54	41	36	40	50	56	**32**
HHI	1403	1309	989	713	899	1275	1519	**581**
Consumption - GWh -	2,6	112	181	493	263	176	782	**2010**
No. of SUPPLIERS	27	42	43	42	18	11	15	**51**
No. of suppliers of last resort	5	5	5	5	2	3	2	**5**
No. of competitive suppliers	18	33	32	33	15	7	7	**38**
No. of producers	4	4	6	4	1	1	6	**8**

Source: Monthly reports of the suppliers – processed by MG

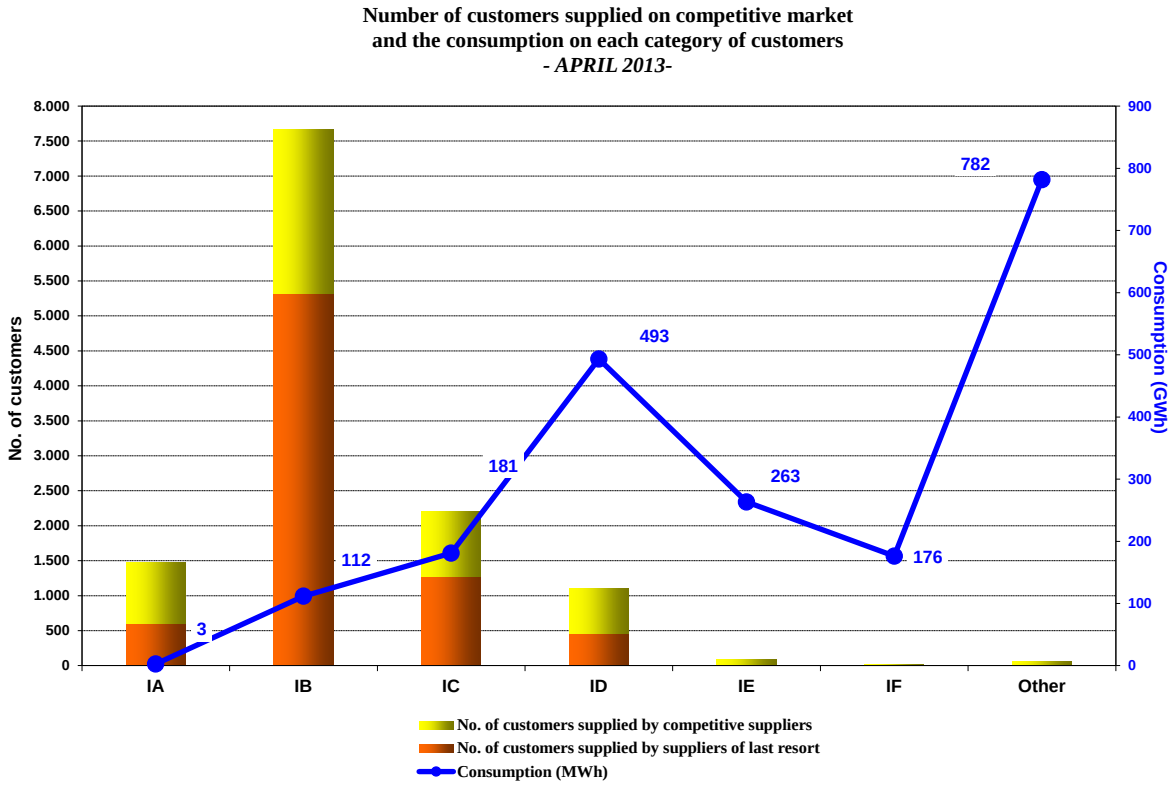
5. Evolution of customers' number and of electricity delivered

Number of customers supplied on the competitive market is presented as total value from the beginning of the market opening process; for April 2013 this number is split into categories, according to the provisions of Directive 2008/92/EC of the European Parliament and of the Council. The table below presents the bands of consumption of each category of customers:

Non-household customers	Annual electricity consumption (MWh) between:	
IA		<20
IB	20	<500
IC	500	<2000
ID	2000	<20000
IE	20000	<70000
IF	70000	<=150000
Others	>150000	



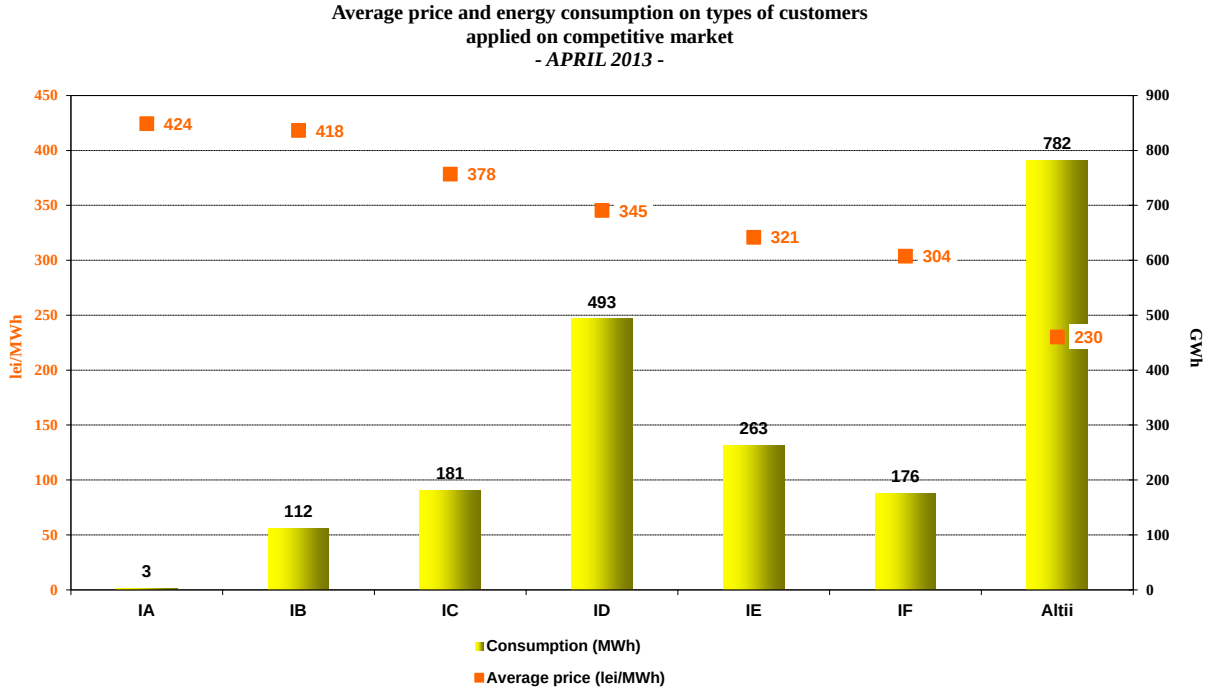
Source: Monthly reports of the competitive suppliers – processed by MG



Source: Monthly reports of the suppliers – processed by MG

6. *Average selling prices of customers supplied on the competitive market*

The following graph presents the average selling prices of customers supplied on the competitive market, based on the structure defined according to the Directive 2008/92/EC of the European Parliament and of the Council.



Source: Monthly reports of the competitive suppliers – processed by MG

Note: The average selling price on each category was calculated as weighted average of prices applied by suppliers with quantities supplied according to the provisions of the European Directive. The average prices do not include VAT, excise or other taxes but include the supplied services (injection and extraction components of transmission, system services, distributi, market settlement, imbalance, BRP aggregated taxe, metering). Splitting customers into categories was based on their annual consumption forecast, according to the provisions of above mentioned Directive.

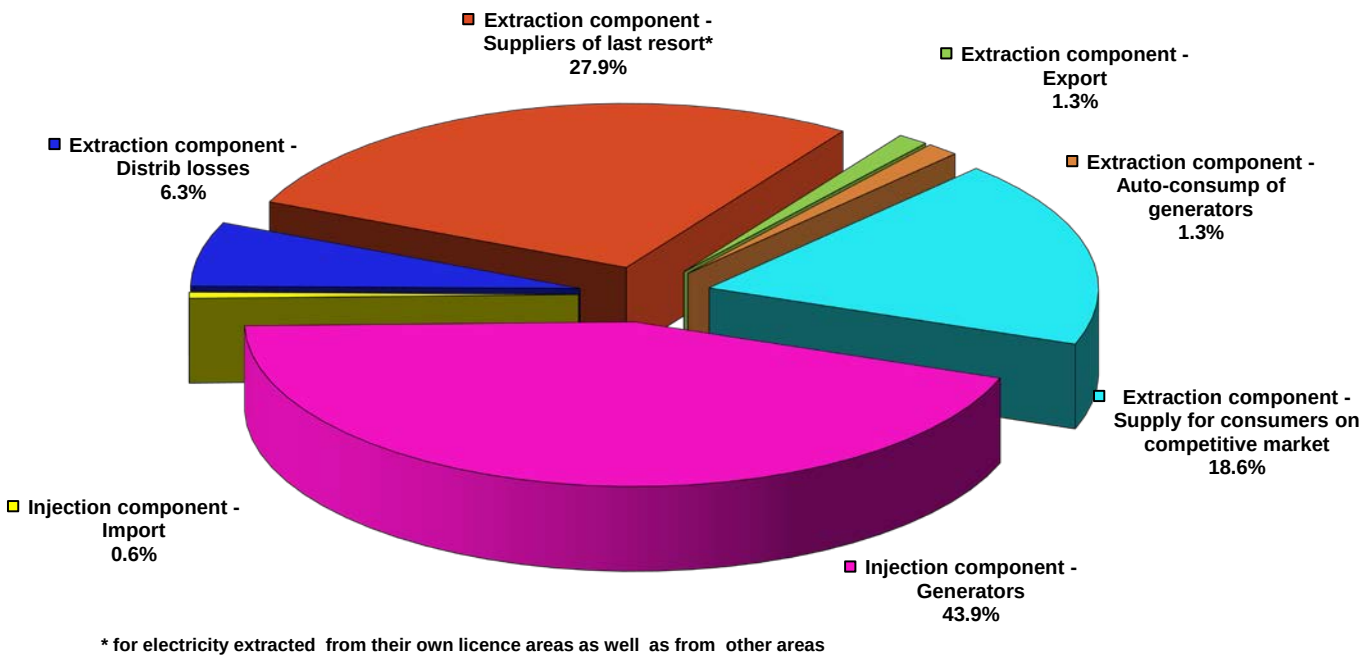
IV. TRANSMISSION AND SYSTEM OPERATOR C.N. TRANSELECTRICA S.A.

CN Transelectrica SA performs the electricity transmission service at regulated tariffs, which have two components:

- injection component (TG), aimed to determine an optimum geographic positioning of the new power units;
- extraction component (TL), as an incentive for an equilibrate positioning into the teritorry of the customers.

The following graph presents the structure of CN Transelectrica SA revenues from performing the transmission services and reflects the structure of its clients benefiting from this type of service in April 2013.

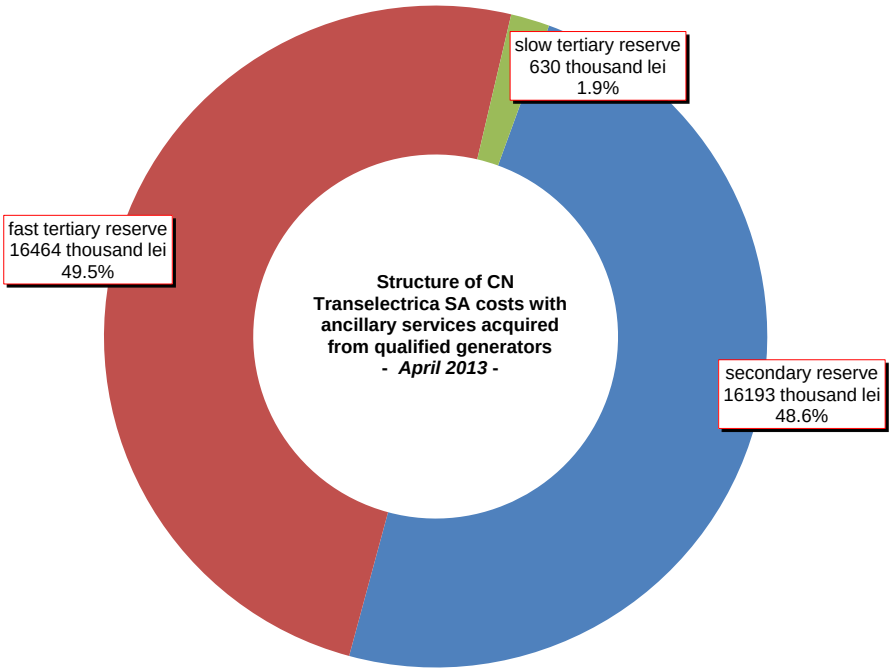
Structure of Transelectrica's revenues received for transmission services
- April 2013 -



Source: Monthly reports of CN Transelectrica SA – processed by MG

In order to perform the system operator tasks, CN Transelectrica SA assesses and contracts reserves (ancillary services) from qualified generators, which are integrated on BM. The ancillary services which may be used are reserves for secondary, fast tertiary, slow tertiary regulation and reactive energy.

The following graph presents the costs of ancillary services that CN Transelectrica SA had to pay in April 2013. In order to cover these costs and it own operating costs. TSO applies a regulated tariff for system services.



Source: Monthly reports of CN Transelectrica SA – processed by MG

V. EVOLUTION OF MARKET RULES IN APRIL 2013

In April 2013, ANRE issued the following regulations with impact on the wholesale electricity markets:

- Order no. 20/2013 for repealing the Order no. 23/2004 for approving the monitoring procedure in case of issuing guarantees of origin for electricity produced from renewable sources;
- Order no. 21/2013 regarding the approval of methodology for calculating the distribution tariff in case of distributors, other than the main distribution operators;
- Decision no. 1069/2013 for approving the quantities produced in high efficiency cogeneration which benefit of bonus scheme in March 2013.

VI. EXPLANATIONS AND ABBREVIATION

1. Explanations

- *Self-consumption of generators* – in the graph regarding the revenues of CN Transelectrica SA the self-consumption exclusively represents the generators consumption at consumption places other than the generation sites.
- *Internal consumption* represents the electricity covered by the wholesale market participants and calculated as *Delivered electricity + Import – Export*.
- *Consumption of final customers on regulated market* represents the consumption of customers supplied at regulated tariffs and CMC by suppliers of last resort.
- *Consumption of final customers on competitive market* represents the consumption of customers supplied at negociated prices.
- *Fuel consumption* represents the fuel consumed for generating electricity and heat.
- *Electricity delivered into the grid* includes also the own consumption of auto-generators such as RAAN and OMV Petrom together with the electricity sold by the generators through direct lines or consumed by themselves at other consumption sites.
- *Competitive supplier* represents the supplier which is active on the competitive retail market.

2. Abbreviation

- MG – Monitoring Group
- EEX – European Energy Exchange – Leipzig. Germany. www.eex.de
- EXAA – Energy Exchange Austria. www.exaa.at
- DAM – Day Ahead Market
- BM – Balancing Market
- ASM – Ancillary Services Market
- MCP – Market Clearing Price
- BRP – Balancing Responsible Party
- TG/TL – injection / extraction component of the transmission tariff
- CMBC – centralised market of bilateral contracts
- CMBC-CN – centralised market for partially stardardised bilateral contracts with continuous negociation
- NES – National Energy System
- WEM – wholesale electricity market
- REM – retail electricity market
- RCE – Romanian Commodities Exchange