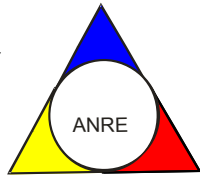




ROMANIAN ENERGY REGULATORY AUTHORITY
ELECTRICITY MARKET DEPARTMENT



REPORT ON RESULTS OF MONITORING THE
ROMANIAN ELECTRICITY MARKET
MAY 2009

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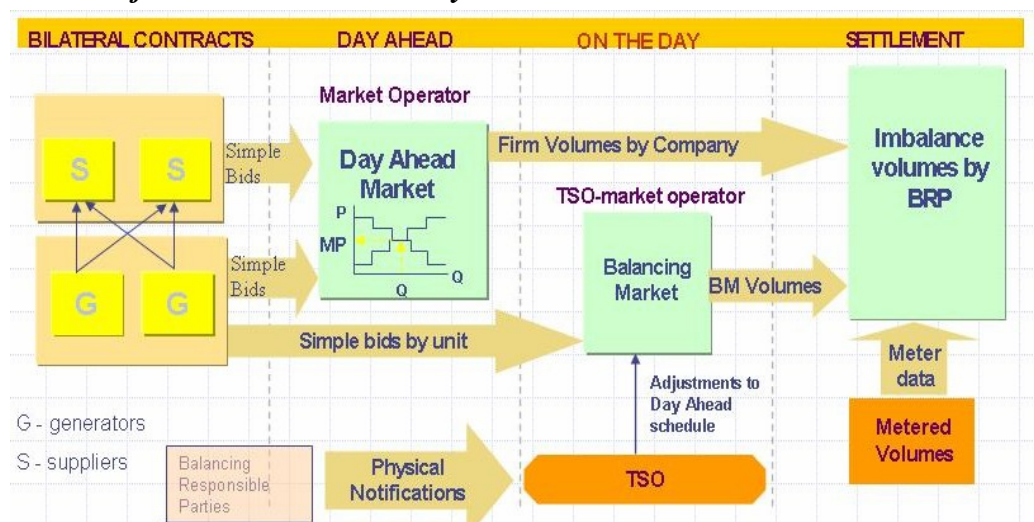
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I. MAIN EVENTS IN THE DEVELOPMENT OF THE ROMANIAN ELECTRICITY MARKET

- **GD 365/1998** – vertically integrated monopol – RENEL – was split in. 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 dissolved;
- **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%;
- **November 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 negotiation;
- **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).

II. WHOLESALE ELECTRICITY MARKET

1. Structure of the wholesale electricity market



2. Participants on the wholesale electricity market

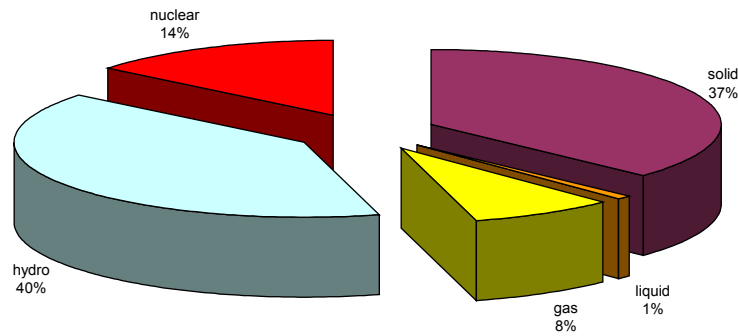
The market participants* acting on the electricity market in May 2009 are presented below split into categories:

No.	Name	Comments	No.	Name	
A Electricity generators operating dispatching units			F Electricity Suppliers acting exclusively on the wholesale market		
1	SC CET Bacau SA		1	SC Atel Energy Romania SRL	
2	SC CET Brasov SA		2	SC CEZ as	
3	SC CET Govora SA		3	SC CEZ Trade Romania SRL	
4	SC CET Iasi SA		4	SC EFT Romania SRL	
5	SC CET Oradea SA		5	SC Electabel Romania SRL	
6	SC Electrocentrale Bucuresti SA		6	SC Encaz SRL	
7	SC Electrocentrale Galati SA		7	SC End Trade Romania SRL	
8	SC Dalkia Termo Prahova SRL		8	SC Energy Market Consulting SRL	
9	SNP Petrom Sucursala Petrobrazi		9	SC E.ON Energy Trading AG	
10	SC Termica SA Suceava		10	SC Eco Energy SRL	
11	SC Termoelectrica SA		11	SC Edison Trading SpA	
12	SC Temoficare 2000 SA Pitesti		12	SC Ezpada SRL	
13	SC Uzina Termica Giurgiu SA		13	SC Global Electric Trading SRL	
14	SN Nuclearelectrica SA		14	SC Grivco SA	
15	SC CER ovinari SA		15	SC Ineltra SRL	
16	SC CETurceni SA		16	SC Jas Budmest Zrt	
17	RAAN		17	SC Korlea Invest SRL	
18	SC CE Craiova SA	Generators acting also as suppliers on the competitive market	18	SC Merrill Lynch Commodities (Europe)	
19	SC CET Arad SA		19	SC Re Energie SRL	
20	SC Electrocentrale Deva SA		20	SC Romelectro SA	
21	SC Hidroelectrica SA		21	SC Rudnap SRL	
B Transmission System Operator			22	SC RBS Semora Energy Europe Ltd	
1	CN TRANSELECTRICA SA	Balancing Market Operator	23	SC Stakraft Romania SRL	
C DAM Operator			24	SC Transelectric Power SA	
1	SC OPCOM SA	Operator of the Green Certificates Market, Bilateral Contracts Market and Settlement Administrator	G Electricity Suppliers		
D Distribution network operators			1	SC Alro SA	
1	SC CEZ Distributie SA	Operators of the distribution network	2	SC Also Energ SA	
2	SC ENEL Distributie Banat SA		3	SC Arelo Distributie SRL	
3	SC ENEL Distributie Dobrogea SA		4	SC Beny Alex SRL	
4	SC E.ON Moldova Distributie SA		5	SC Biol Energy SRL	
5	SC ENEL Distributie Muntenia SA		6	SC Buzmann Industries SRL	
6	SC FDEE Electrica Distributie Muntenia Nord SA		7	SC EFE Energy SRL	
7	SC FDEE Electrica Distributie Transilvania Sud SA		8	SC EGL Gas & Power Romania SA	
8	SC FDEE Electrica Distributie Transilvania Nord SA		9	SC Ehol Distribution SRL	
E Incumbent suppliers			10	SC Ekomex EN SRL	
1	SC CEZ Vanzare SA	Incumbent suppliers acting also as suppliers on the competitive market	11	SC Electrica SA	
2	SC ENEL Energie SA		12	SC Electricom SA	
3	SC E.ON Moldova Furnizare SA		13	SC Electromagnetica SA	
4	SC ENEL Energie Muntenia SA		14	SC Energotrans	
5	SC FFEE Electrica Furnizare Muntenia Nord SA		15	SC Energy Holding SRL	
6	SC FFEE Electrica Furnizare Transilvania Sud SA		16	SC Energy Network SRL	
7	SC FFEE Electrica Furnizare Transilvania Nord SA		17	SC Enex SRL	
			18	SC Ennet Grup SRL	
			19	SC Enol Grup SA	
			20	SC EURO-PEC SA	
			21	SC Fideks Energy SRL	
			22	SC GDF SUEZ Energy Romania SA	
			23	SC General Com Invest SRL	
			24	SC Gevco SRL	
			25	SC Hidroconstrucia SA	
			26	SC ICCO Electric SRL	
			27	SC ICPE Electrocond Technologies SA	
			28	SC Lux en LC SA	
			29	SC Petrod SRL	
			30	SC Renovation Trading SRL	
			31	SC Timar Ind SA	
			32	SC Total Electric Otenia SA	
			33	SC Transmergo Com SA	
			34	SC UCM Energy SRL	

*) 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. The table does not include the Balancing Responsible Parties (BRP). The BRP updated list is published on the Balancing Market Operator website - www.ope.ro.

3. Generation structure of National Energy System on resources types

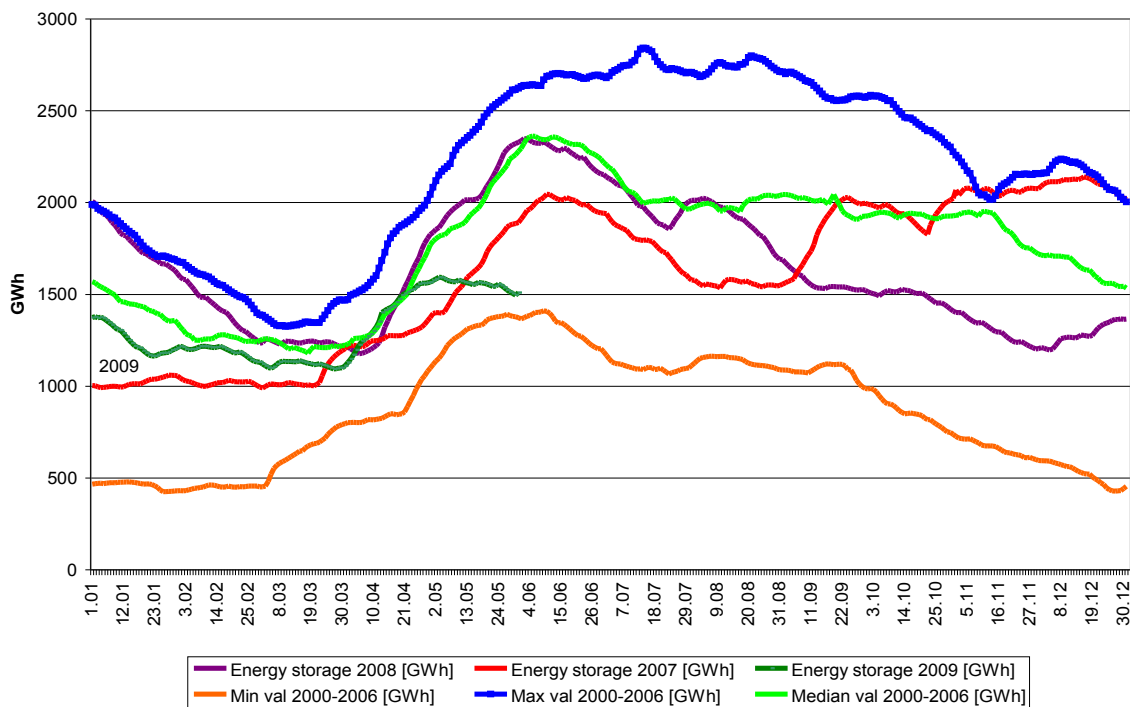
Electricity structure by primary sources
(delivered by generators with dispatchable units)
May 2009



Source: Monthly reports of generators – processed by MG

The electricity generated from hydro resources depends on and at the same time influences the energy stored in the main water reservoirs. The following graph presents the evolution of daily amounts of energy storage in May 2009 compared to daily values in 2007 and 2008 and to minimum, maximum and median values during 2000-2006.

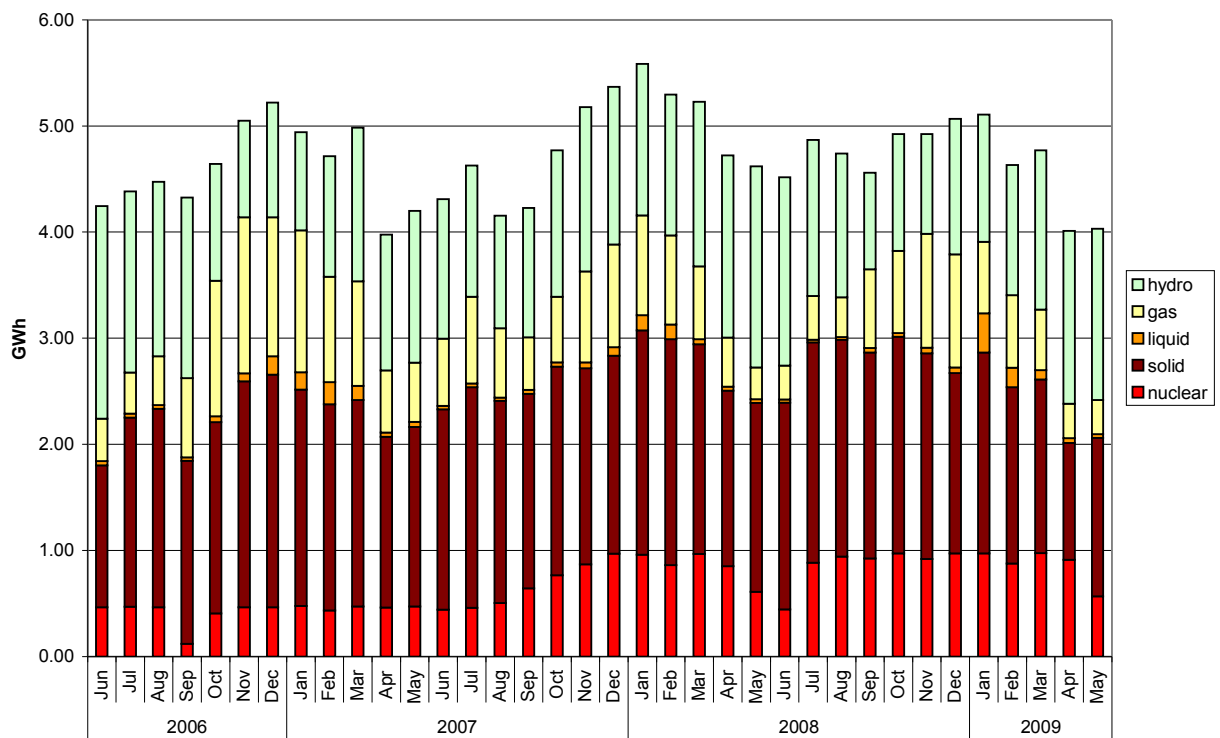
Yearly evolution of daily values of energy stored in the main water reservoirs



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

The evolution of delivered electricity structure, starting with June 2006, is the following:

Evolution of electricity delivered by generators with dispatchable units by primary sources



Source: Monthly reports of generators – processed by MG

The following table presents the main data regarding the physical balance of electricity for May 2009 and for the first 5 months of 2009, compared to data for similar periods of 2008:

No.	Indicator	MU	May 2008	May 2009	%	Jan-May 2008	Jan-May 2009	%
0	1	2	3	4	$5=4/3*100$	6	7	$8=7/6*100$
1	Generated electricity	TWh	4.95	4.29	86.69	27.67*	24.36	88.04
2	Delivered electricity	TWh	4.62	4.03	87.28	25.47*	22.55	88.55
3	Import	TWh	0.06	0.04	67.49	0.32	0.39	121.38
4	Export	TWh	0.35	0.20	57.84	2.57	1.92	74.72
5	Internal consumption	TWh	4.33	3.87	89.39	23.22*	21.02	90.53
6	Consumption of household consumers on the regulated market	TWh	0.83	0.86	103.61	4.39	4.74	107.97
7	Consumption of non-households consumption	TWh	2.97	2.48	83.50	15.05	12.52	83.19
7.1	<i>on the regulated market</i>	TWh	1.02*	0.97	95.10	5.54*	5.24	94.58
7.2	<i>on the competitive market</i>	TWh	1.95	1.51	77.44	9.51	7.28	76.55
8	Transmission – Injection component	TWh	4.49	3.91	87.13	24.99	22.13	88.56
9	Transmission – Extraction component	TWh	4.59	3.99	86.89	25.34	22.54	88.95
10	System services	TWh	4.59	3.99	86.89	25.34	22.54	88.95

11	Actual transmission grid losses	TWh	0.08	0.08	102.05	0.43	0.40	95.16
12	Heat generated for delivery	Tcal	829.54	733.76	88.45	10197.20*	9469.92	92.87
13	Heat in co-generation	Tcal	694.96	549.62	79.09	8292.67*	7933.80	95.67

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 consumers 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 the electricity sold by generators for covering the transmission losses.
 * Data published into Report on monitoring results of the electricity market – May 2008 were modified due to some corrections made by market participants

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 generator-generator and supplier-supplier, as well as contracts concluded on centralized markets: CMBC (centralized market of bilateral contracts), CMBC-CN (centralized market of partially standardised bilateral contracts, with continuous negotiation) and on the Power floor of RCE (Romanian Commodities Exchange), transactions on DAM (day-ahead market) and on BM (Balancing Market).

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 table below for May 2009 compared to the volumes of the month before and May 2008:

TRANSACTIONS ON THE WHOLESALE MARKET	April 2009	May 2009	May 2008
1. BILATERAL CONTRACTS’ MARKET			
traded volume (GWh)	4914	4965	5248
average price (lei/MWh)	157.00	154.47	136.43
1.1. Sales on regulated contracts			
traded volume (GWh)	2239	2077	2285
% from internal consumption (%)	59.5	53.7	52.8
average price (lei/MWh)	157.30	154.41	134.94
1.2. Sales on negotiated contracts*			
traded volume (GWh)	2675	2888	2999
% from internal consumption (%)	71.1	74.7	69.3
average price (lei/MWh)	156.74	154.52	137.57
2. EXPORT			
traded volume** (GWh)	276	202	349
% from internal consumption (%)	7.3	5.2	8.1
average price (lei/MWh)	162.49	159.68	163.56***
3. CENTRALISED MARKETS OF CONTRACTS			
traded volume (GWh)	501	479	653
% from internal consumption (%)	13.3	12.4	15.1
average price (lei/MWh)	193.27	192.48	175.39
4. DAY AHEAD MARKET			
traded volume (GWh)	501	572	373
% from internal consumption (%)	13.3	14.8	8.6
average price (lei/MWh)	97.77	140.52	140.58

5. BALANCING MARKET			
traded volume (GWh)	305	172	213
% from internal consumption (%)	8.1	4.4	4.9
upward volume (GWh)	72	72	61
average negative imbalance price(lei/MWh)	229.43	257.36	248.11
downward volume (GWh)	232	100	151
average positive imbalance price (lei/MWh)	93.20	43.07	84.93
INTERNAL CONSUMPTION (includes distribution and transmission losses) (GWh)	3764	3867	4326

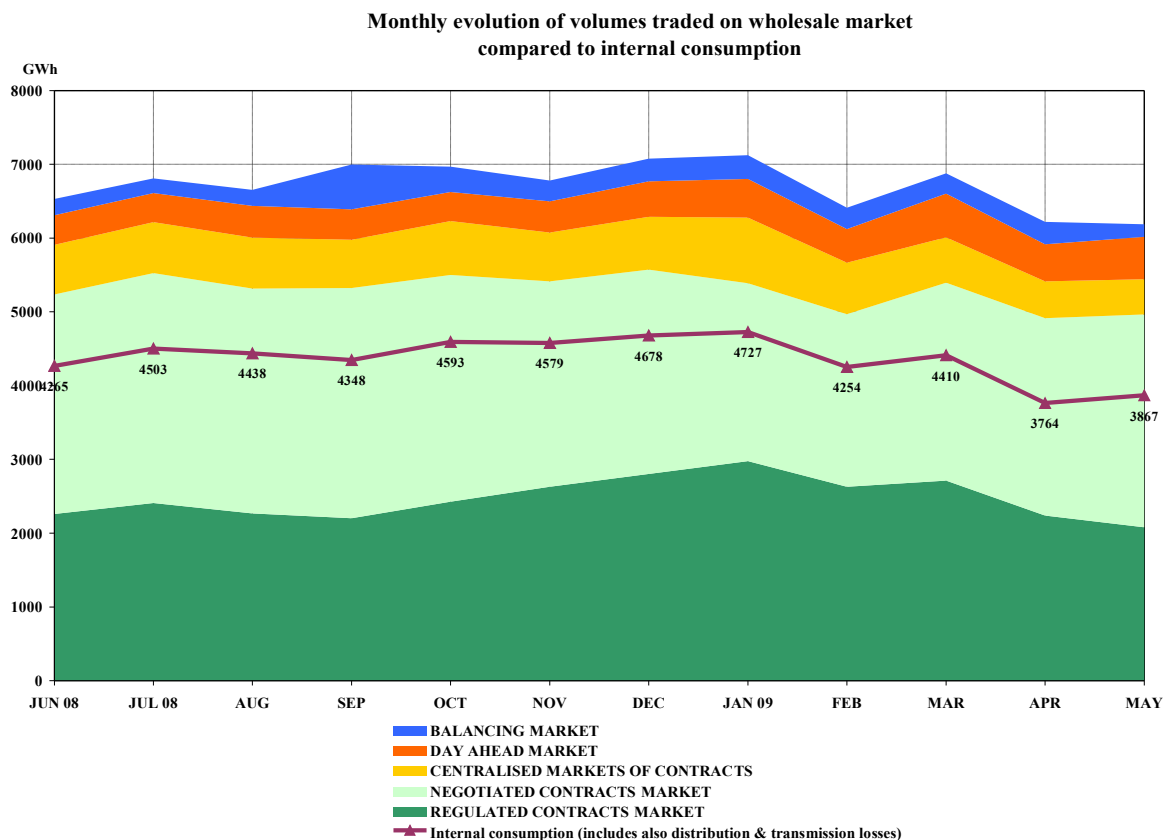
Note: * Contracts of supply to consumers and contracts of export are not included

** 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

***Price in May 2008 is calculated as an average of prices reported by the participants; all prices include injection component of transmission tariff, most of them include the extraction component, system service and market administration tariffs and only few of them include value of interconnection capacity.

The relevance of comparison between the above prices is affected by the fact that, in 2008, the value of injection component of the transmission tariff was not included in all categories of prices; thus, the average selling price on DAM/BM totally included this tariff component, the average selling price for negotiated contracts included it only partially, while the average selling price for regulated contracts did not include it at all. In 2008, the prices for export trades were not reported in an unified manner, but as the *Note* *** above. Starting with January 2009, all prices are including 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.

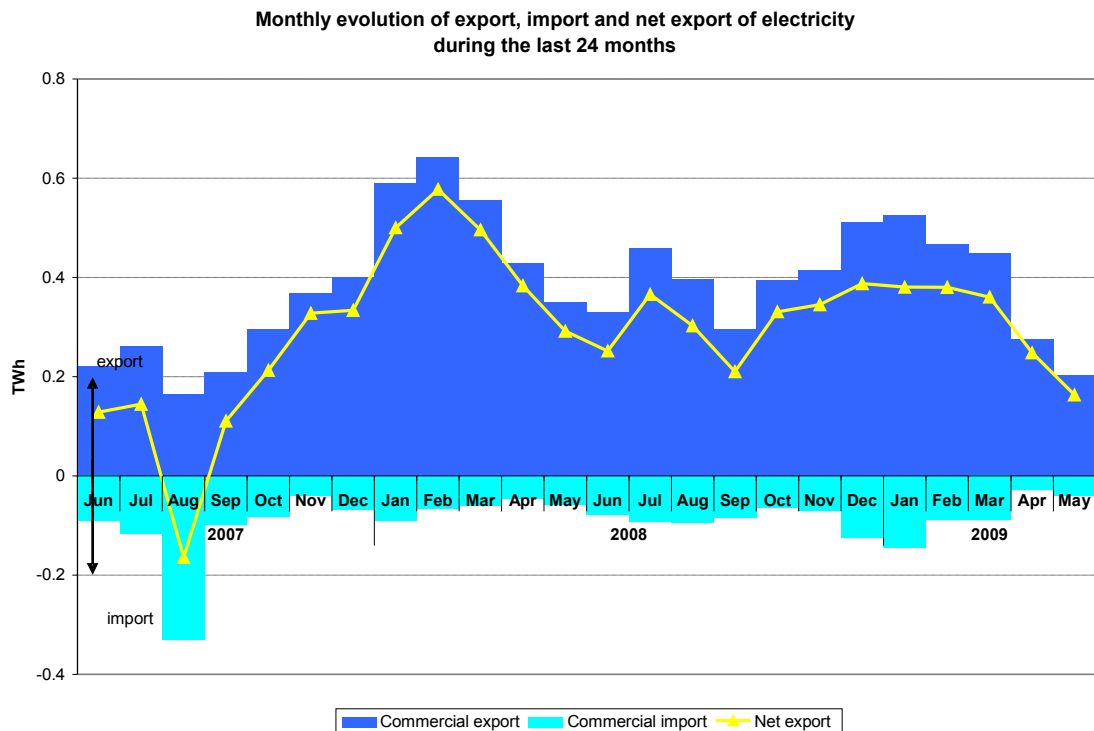
The evolution of the relation between the volumes sold on each market and the estimated internal consumption, for June 2008 – May 2009, is presented below:



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

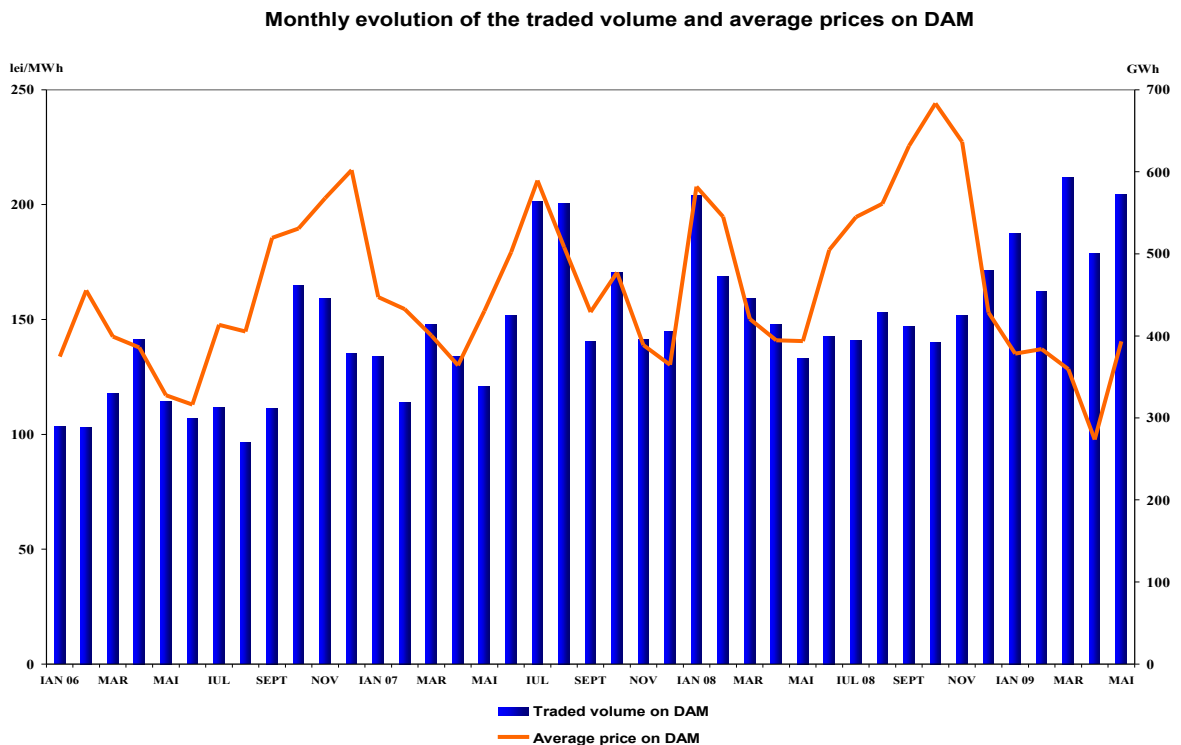
Note: In the above graph, the volumes traded on negotiated contracts' market do not include the export trades

The following graph represents 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 Traselectrica SA – processed by MG

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



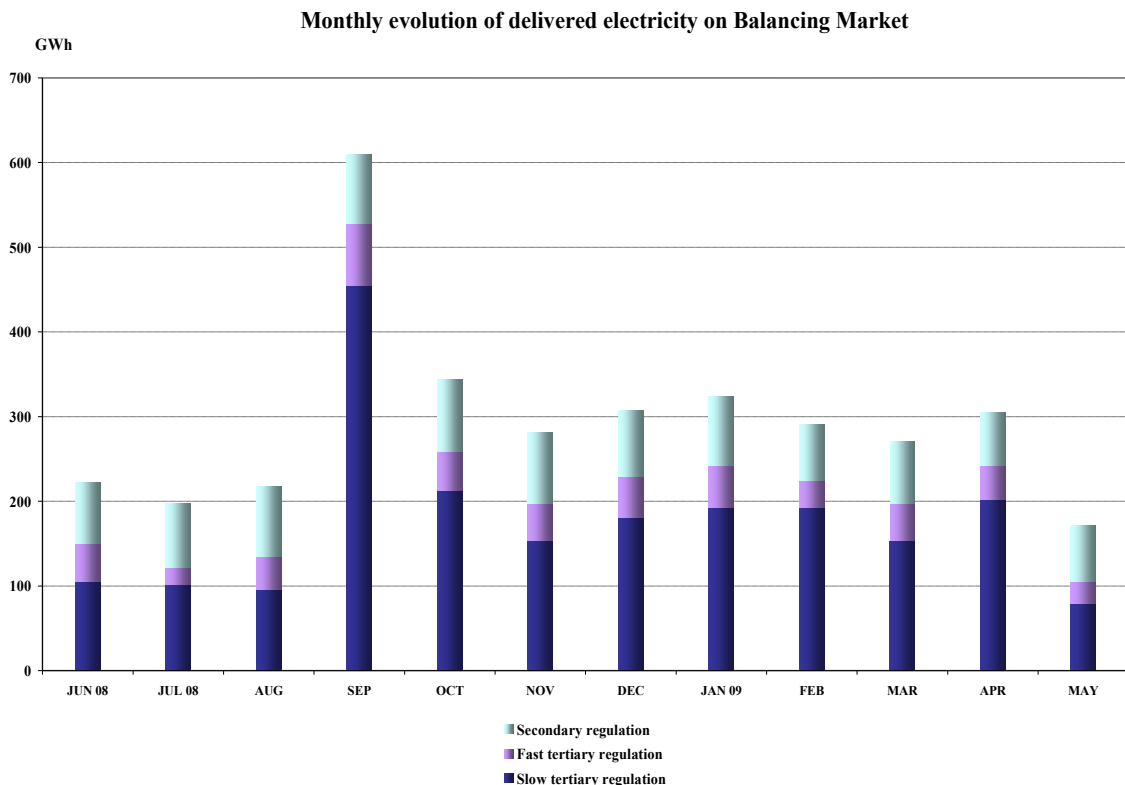
Source: Monthly reports of SC Opcom SA and CN Traselectrica SA – processed by MG

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 May 2009 is presented in the following table:

May 2009	Dispatch order (GWh)	Delivered electricity (GWh)	Deviation (%)
Secondary regulation	67	67	0
<i>upward</i>	27	27	0
<i>downward</i>	40	40	0
Fast tertiary regulation	30	26	13
<i>upward</i>	8	8	9
<i>downward</i>	21	18	15
Slow tertiary regulation	90	79	12
<i>upward</i>	41	38	9
<i>downward</i>	48	41	15
TOTAL	187	172	8
<i>upward</i>	77	72	6
<i>downward</i>	110	100	9
INTERNAL CONSUMPTION		3867	
<i>% share of traded volumes from internal consumption</i>		<i>4.4%</i>	

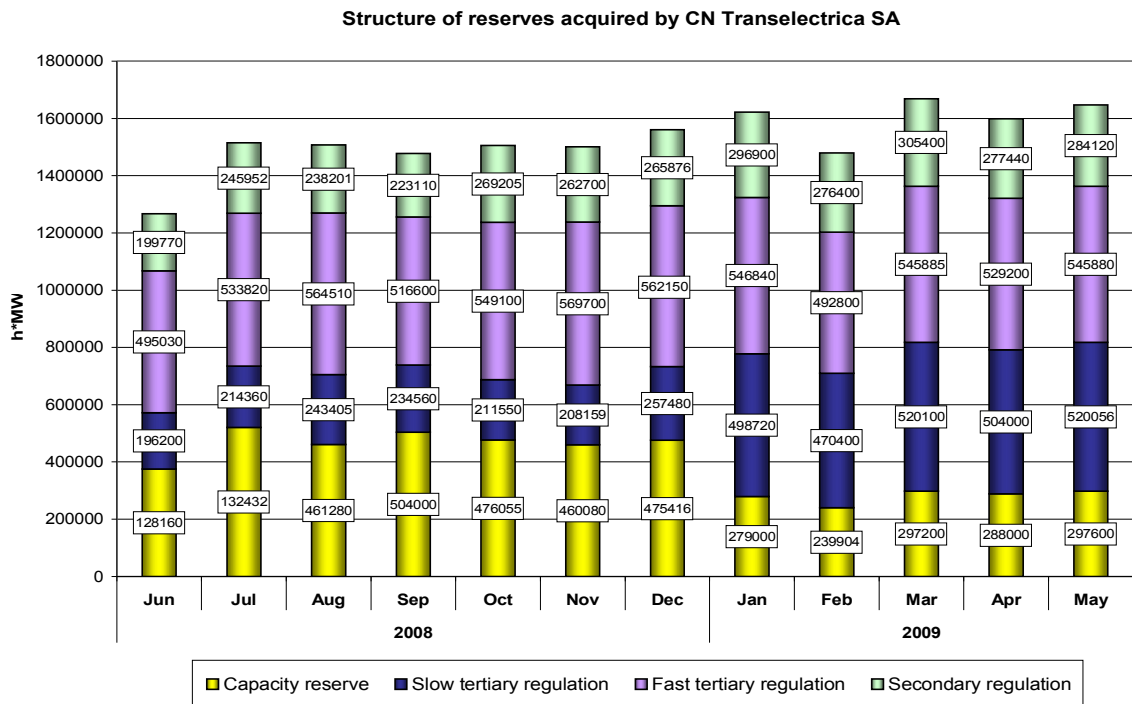
Source: Monthly reports of CN Transelectrica SA – processed by MG

The structure of balancing electricity delivered in the system on each type of regulation between June 2008 – May 2009 is presented in the graph below:



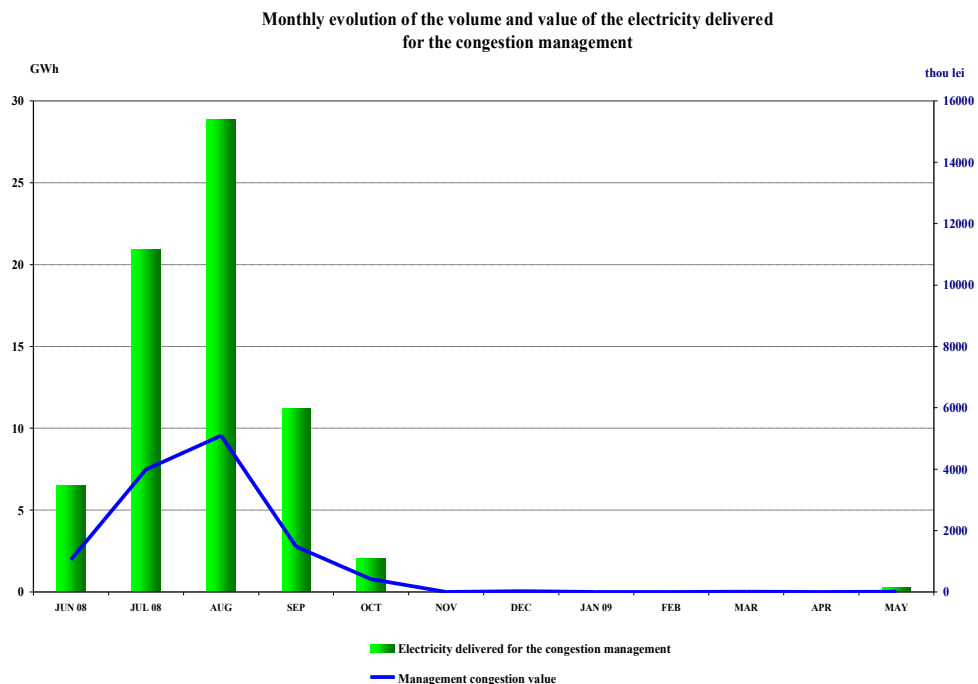
Source: Monthly reports of CN Transelectrica SA – processed by MG

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 during June 2008 – May 2009.



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

The following graph presents the last 12-months 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.



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 May 2009 compared to previous month and May 2008 was the following:

- GWh -

Transaction type	April 2009	May 2009	May 2008
0	1	2	3
Regulated to incumbents, thermal generators	850.05	871.55	979.61
Regulated to incumbents, hydro generator	348.49	419.85	399.63
Regulated to incumbents, nuclear generator	486.27	305.37	312.98
Regulated for distribution losses, thermal generators	221.67	220.89	242.57
Regulated for distribution losses, hydro generator	75.12	83.73	110.62
Regulated for distribution losses, nuclear generator	143.37	90.04	91.62
Regulated for transmission losses, thermal generator	70.74	69.85	73.05
Regulated, to other generators (with return of obligation within a year)	43.56	15.80	75.42
Regulated to other generators, activated on request, with option premium	0.00	0.00	0.00
Negotiated, to distributors	0.00	0.00	0.00
Negotiated, to other generators	123.11	77.09	98.83
Negotiated, to suppliers	987.23	1052.29	1417.46
Contracts concluded on centralized markets (CMBC, CMBC-NC, RCE)	497.53	475.77	653.81
Supply to consumers (regulated and competitive)	203.46	198.84	227.30
Export	102.56	104.88	124.08
DAM	207.01	237.67	128.09
Total	4360.19	4223.62	4935.07

Source: Monthly reports of generators – processed by MG

Suppliers

In May 2009, 65 companies having as main activity the supply of electricity concluded transactions on the electricity market; from these, 24 suppliers traded electricity exclusively on the wholesale market and 41 suppliers on both retail and wholesale markets (in this category are also included the 7 incumbent suppliers).

Suppliers acting exclusively on WEM

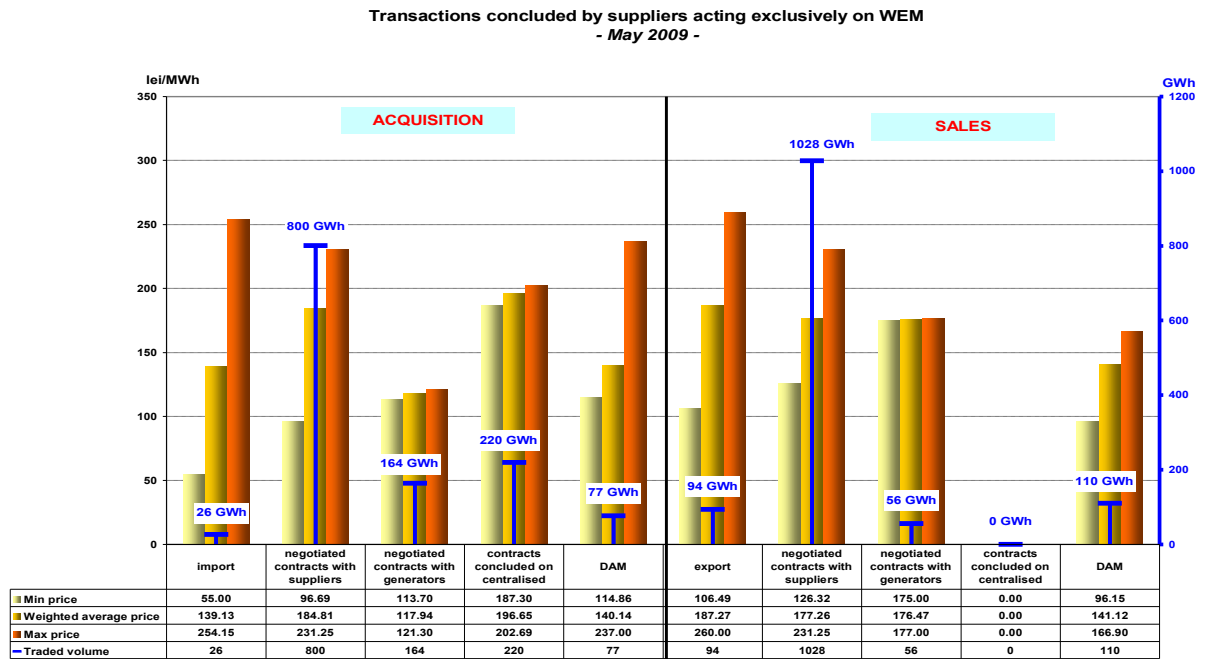
The following table shows the activity for May 2009 compared to May 2008 of the suppliers acting exclusively on WEM, acquisitions and sales being split by categories of markets/participants:

- GWh -

Transactions' structure of suppliers acting exclusively on WEM	May 2008	May 2009
Acquisitions		
Import	17.21	26.49
Negotiated contracts with suppliers	459.32	800.40
Negotiated contracts with generators	280.93	164.10
Contracts concluded on centralized markets	117.03	219.97
DAM	35.80	76.60
Sales		

Export	188.58	94.09
Negotiated contracts with suppliers	649.03	1027.92
Negotiated contracts with generators	50.56	55.80
Contracts concluded on centralized markets	-	-
DAM	22.11	110.34

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 May 2009:



Source: Monthly reports of the suppliers – processed by MG

Active suppliers on REM (the incumbent suppliers are not included)

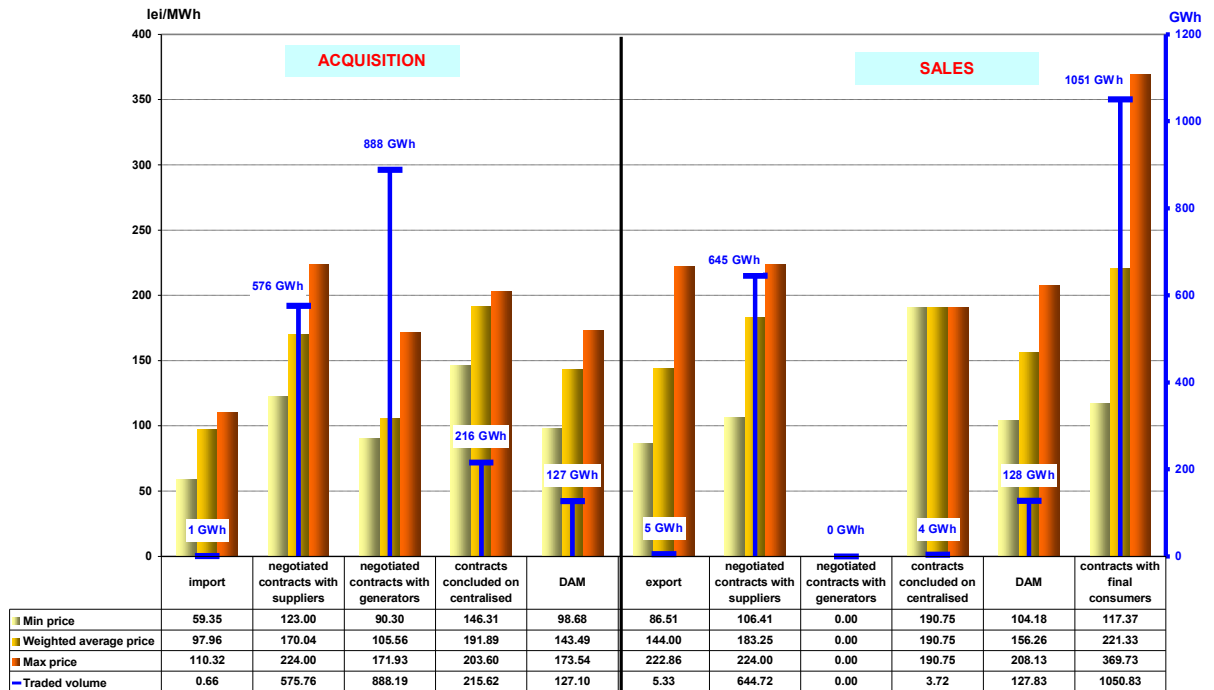
The following table presents aggregated information on acquisitions volume and structure for suppliers providing electricity to final consumers, on the competitive market, for May 2009 and May 2008.

- GWh -

Acquisition structure of suppliers providing electricity to final consumers (the incumbent suppliers are not included)	May 2008	May 2009
Import	40.40	0.66
Negotiated contracts with suppliers	692.09	575.76
Negotiated contracts with generators	1136.63	888.19
Contracts concluded on centralized markets	441.68	215.62
DAM	52.87	127.10

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 consumers in May 2009:

**Transactions concluded by suppliers providing electricity to final consumers
(incumbent suppliers not included)
- May 2009 -**



Source: Monthly reports of the suppliers – processed by MG

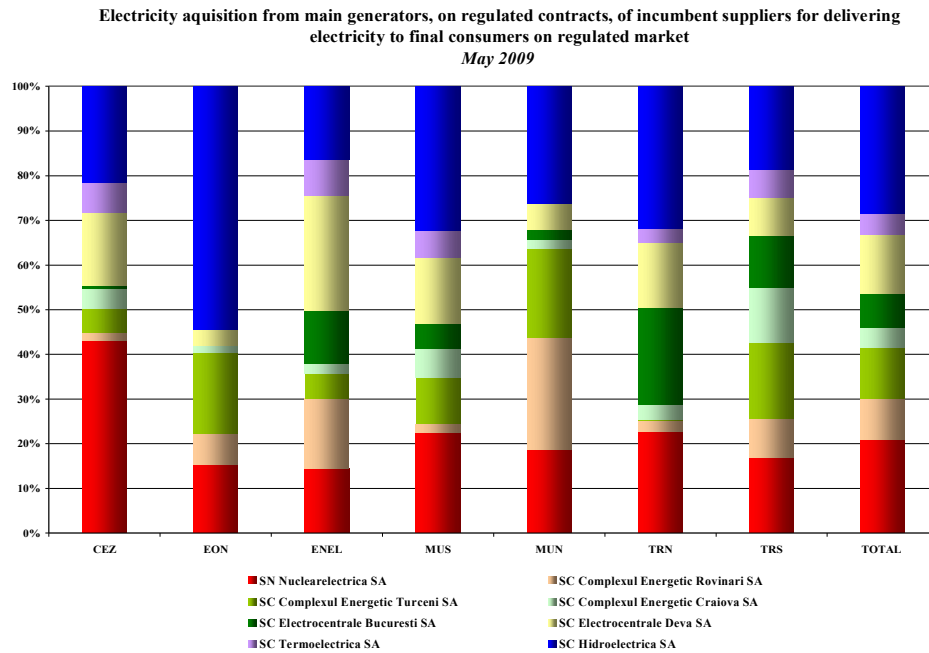
Incumbent suppliers

Electricity acquisition structure of incumbent suppliers (before the delivery day), for supplying the regulated market consumers, is presented in the table below, for May 2009 compared to the situation of May 2008:

- GWh -

Acquisition structure of incumbent suppliers for regulated REM component	May 2008	May 2009
Regulated contracts with generators	1735.04	1631.45
Negotiated contracts	53.35	37.81
Contracts concluded on centralized markets	5.96	-
DAM	83.80	139.82

The structure of the electricity purchased by the incumbent suppliers from the main generators on regulated contracts is presented in the following graph for May 2009:



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

Likewise to the situation presented for the regulated REM, the table below presents the acquisition structure of incumbent suppliers (before the delivery day), corresponding to the competitive REM (energy supplied at negotiated prices to the consumers who renounced to regulated tariffs) for May 2009 compared to May 2008:

- GWh -

Acquisition structure of incumbent suppliers for competitive REM component	May 2008	May 2009
Import	-	14.09
Negotiated contracts with suppliers	210.64	288.72
Negotiated contracts with generators	-	-
Contracts concluded on centralized markets	88.66	6.70
DAM	89.86	71.00

Main distribution operators

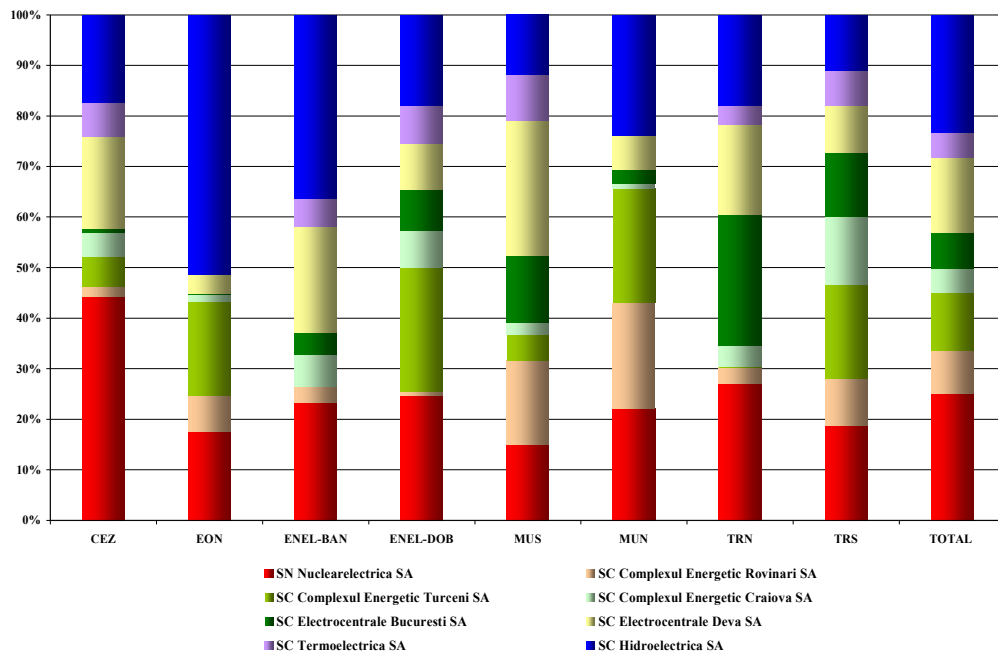
The following table shows the electricity acquisition structure of main distribution operators (before the delivery day), for covering the distribution network losses, for May 2009 compared to May 2008:

- GWh -

Acquisition structure	May 2008	May 2009
Regulated contracts with generators	445.25	394.66
Negotiated contracts with suppliers	0.26	0.20
Contracts concluded on centralized markets	-	-
DAM	3.34	18.31

The electricity purchased by the 8 distribution operators from the main generators on regulated contracts, for covering their network losses is presented in detail in the following graph, for May 2009:

Electricity acquisition of distribution operators from main generators, on regulated contracts, for covering the distribution losses
May 2009



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

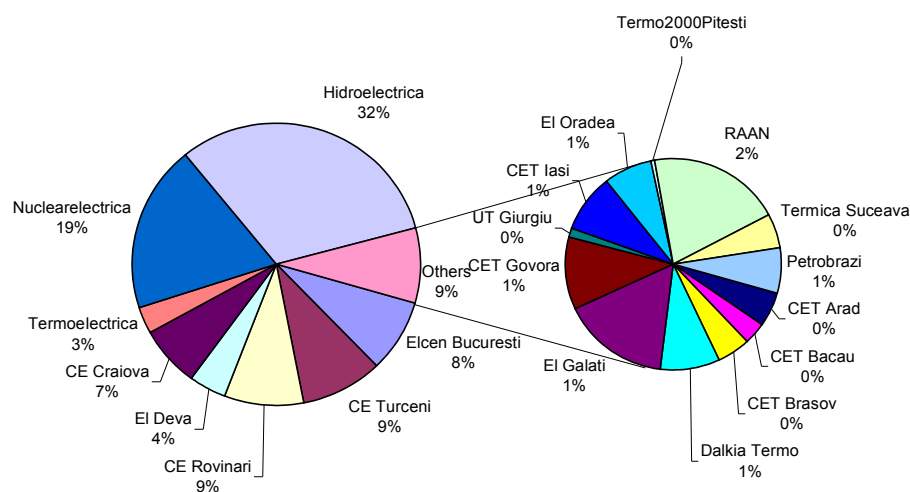
The market structure regarding the electricity generation offers an initial basis for analyzing the possible competitiveness level of the electricity market.

The following table presents the concentration indicators of electricity generation for May 2009, calculated based on electricity delivered into the networks by the generators with dispatchable units.

Concentration indicators - May 2009 -	C1 (%)	C3 (%)	HHI
Value	40	66	2161

The market shares of the electricity generators, taking into account all components of the wholesale electricity market, are presented in the following graph, during the first four months of 2009. These market shares are calculated based on the electricity delivered into networks.

Market shares of generators with dispatchable units by delivered electricity
January - May 2009



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 in May 2009 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:

Structure/concentration indicators on BM - May 2009 -	Regulation					
	Secondary		Fast tertiary		Slow tertiary	
	upward	downward	upward	downward	upward	downward
C1 (%)	53	52	33	62	47	29
C3 (%)	86	85	78	91	77	82
HHI	3459	3405	2271	4344	2848	2365

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 May 2009:

Concentration indicators on ASM - May 2009 -		Secondary reserve	Fast tertiary reserve	Slow tertiary reserve	Capacity reserve
regulated component	contracted quantity (h*MW)	284120	545880	260400	0
	C1 (%)	43.0	79.2	80.0	0
	C3 (%)	77.2	89.9	100	0
competitive component	contracted quantity (h*MW)	0	0	259656	297600
	C1 (%)	0	0	53.0	40.0
	C3 (%)	0	0	100	86
	HHI	0	0	3915	2859

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 applicable 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 May 2009, based on quantities traded by participants on this market.

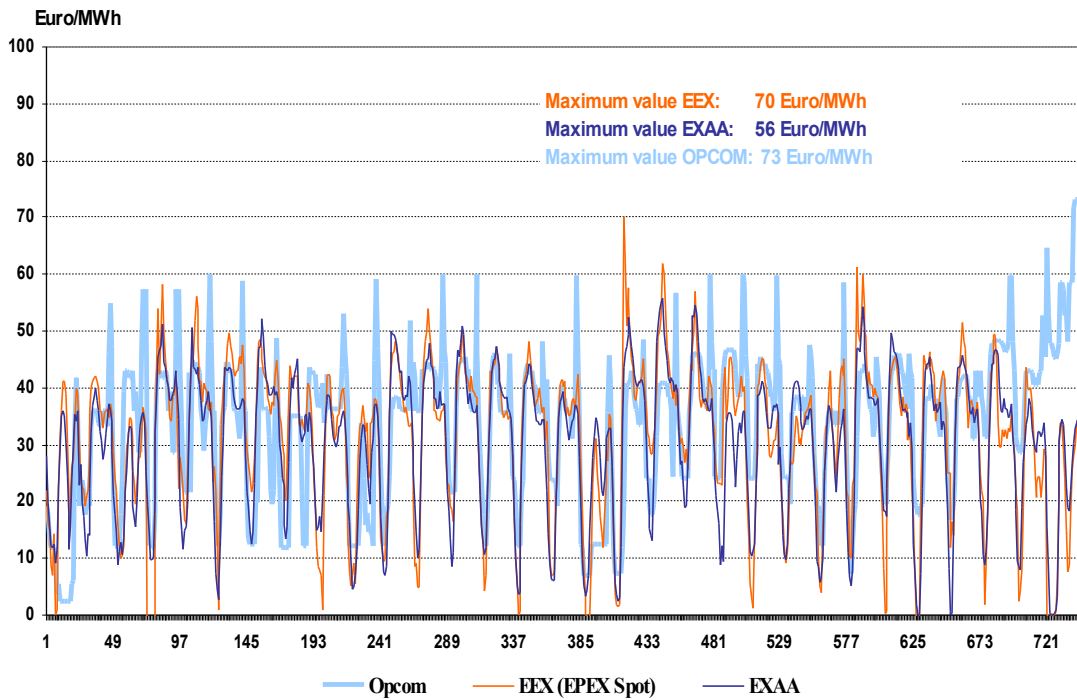
Concentration indicators on DAM - May 2009 -	C1 (%)	C3 (%)	HHI
Buying transactions	13	33	625
Selling transactions	27	50	1210

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 evolution of hourly and daily average prices on DAM in May 2009 is presented in the following graphs, along with the prices on EEX and EXXA.

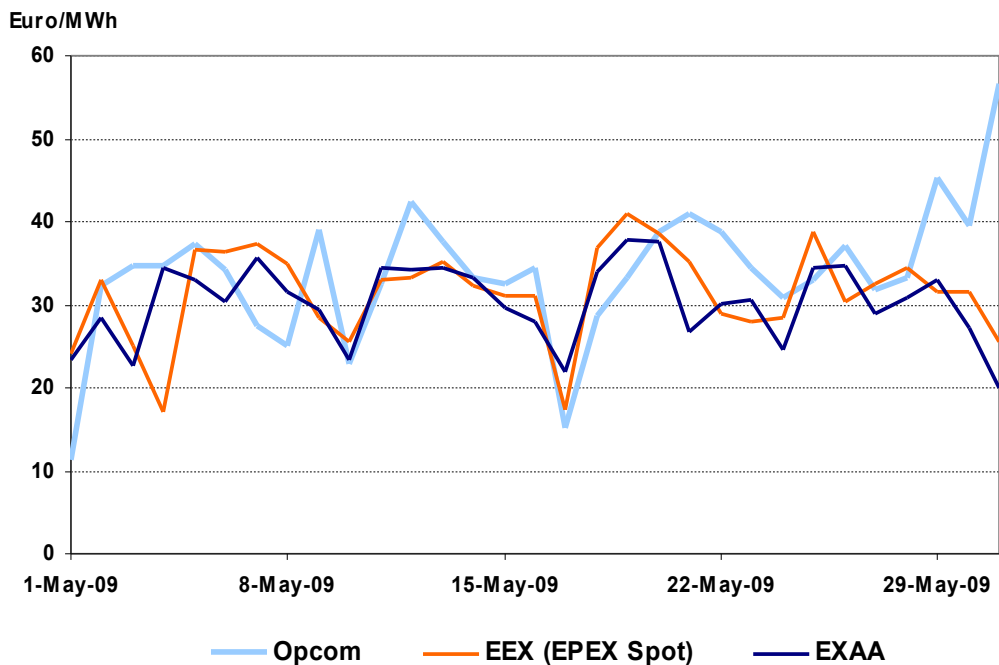
For comparison with prices on the European power exchanges, the spot price on SC Opcom SA is denominated in EUR, taking into consideration the daily exchange rates Euro/leu communicated by the National Bank of Romania.

HOURLY SPOT PRICES
May 2009



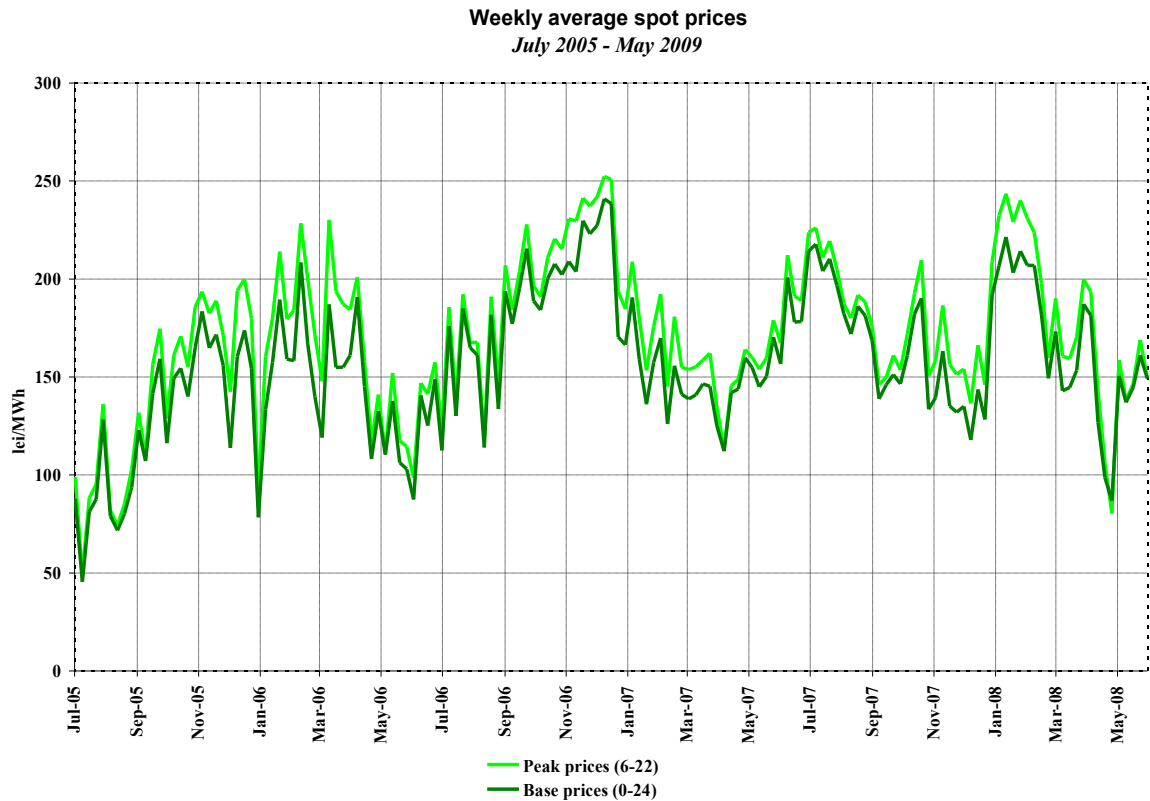
Source: Daily reports of SC Opcom SA and published data of EXAA and EEX
– processed by MG

DAILY AVERAGE SPOT PRICES
May 2009



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

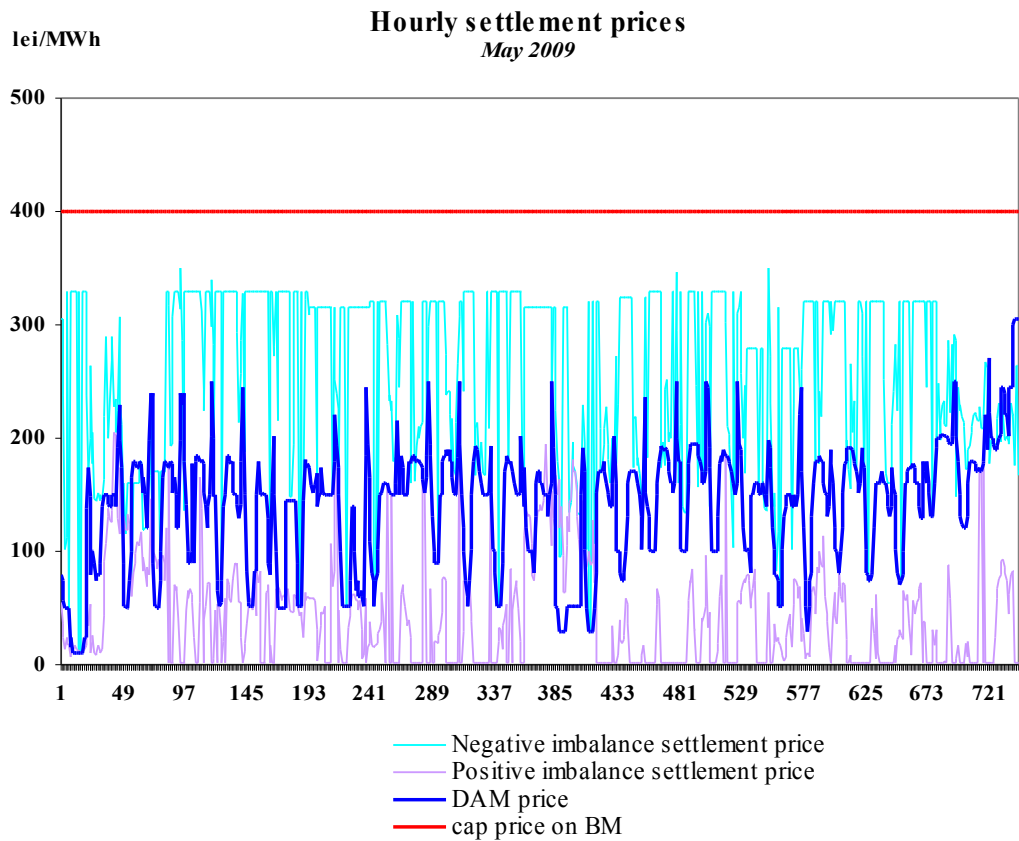
The following graph presents the evolution of weekly average spot prices starting with July 2005:



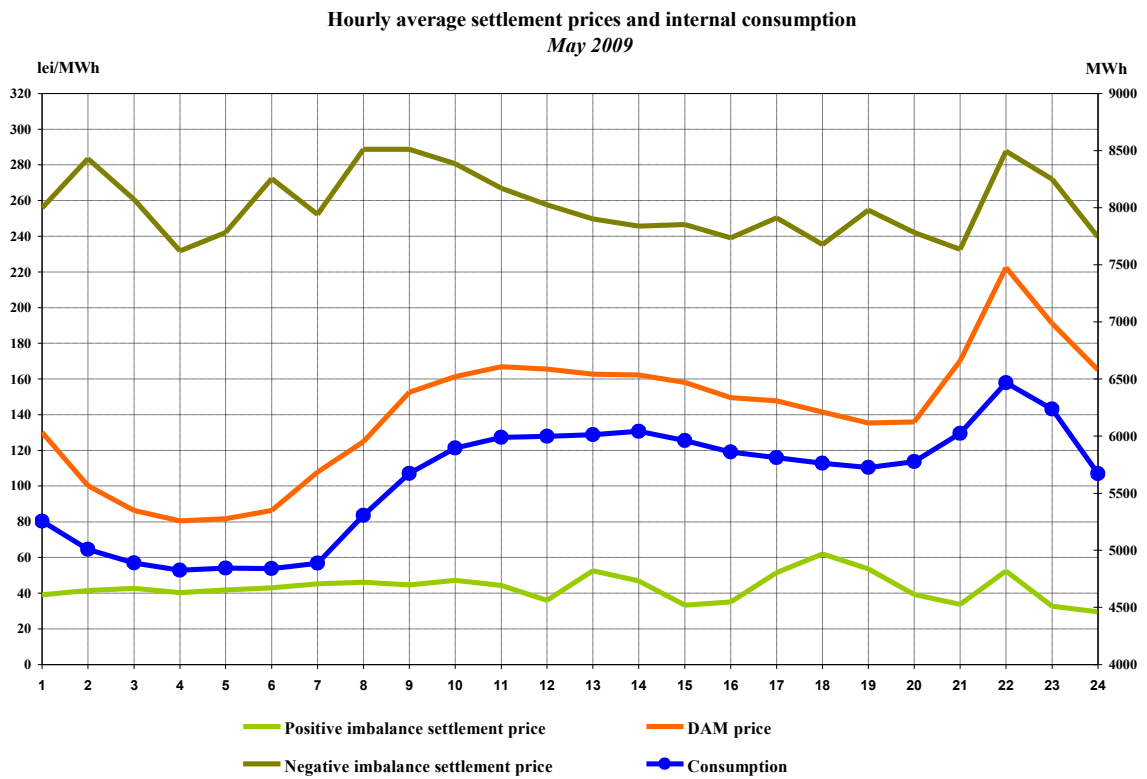
Source: Daily reports of SC Opcom SA – processed by MG

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 who generate the 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.

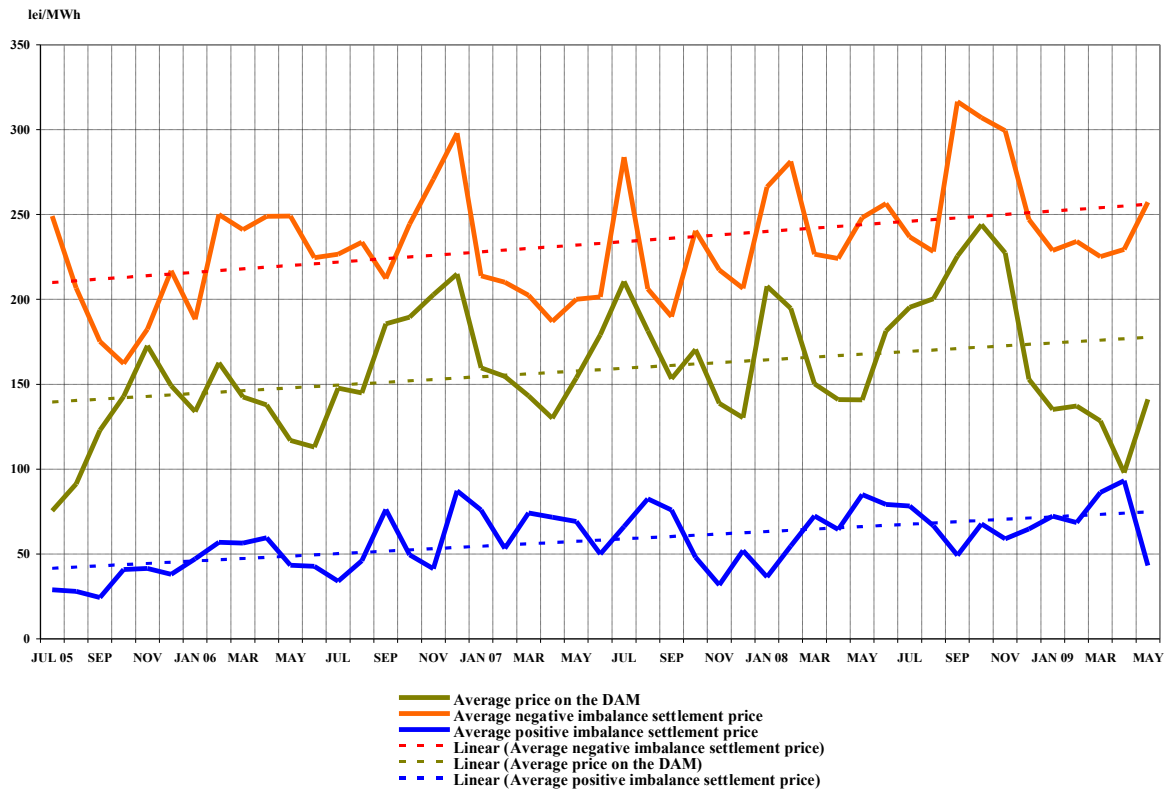


Source: Daily/monthly reports of SC Opcom SA – processed by MG



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

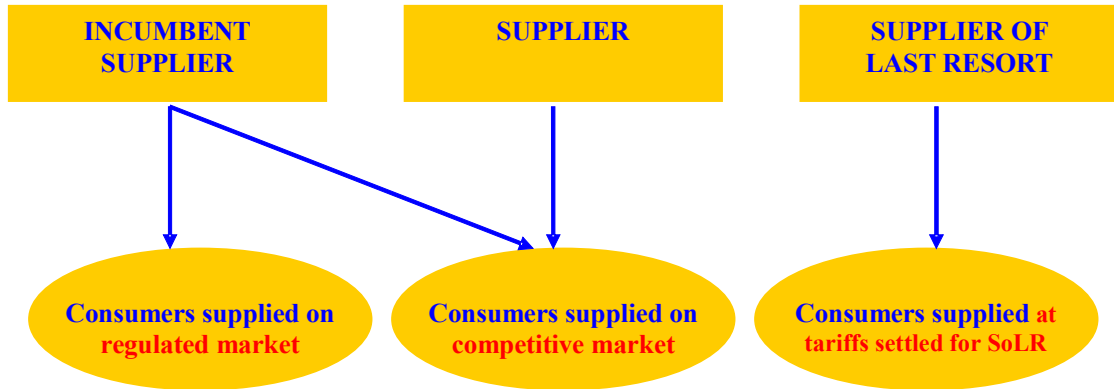
Monthly average prices on DAM and BM
July 2005 - May 2009



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

III. RETAIL ELECTRICITY MARKET

1. Structure of the retail electricity market



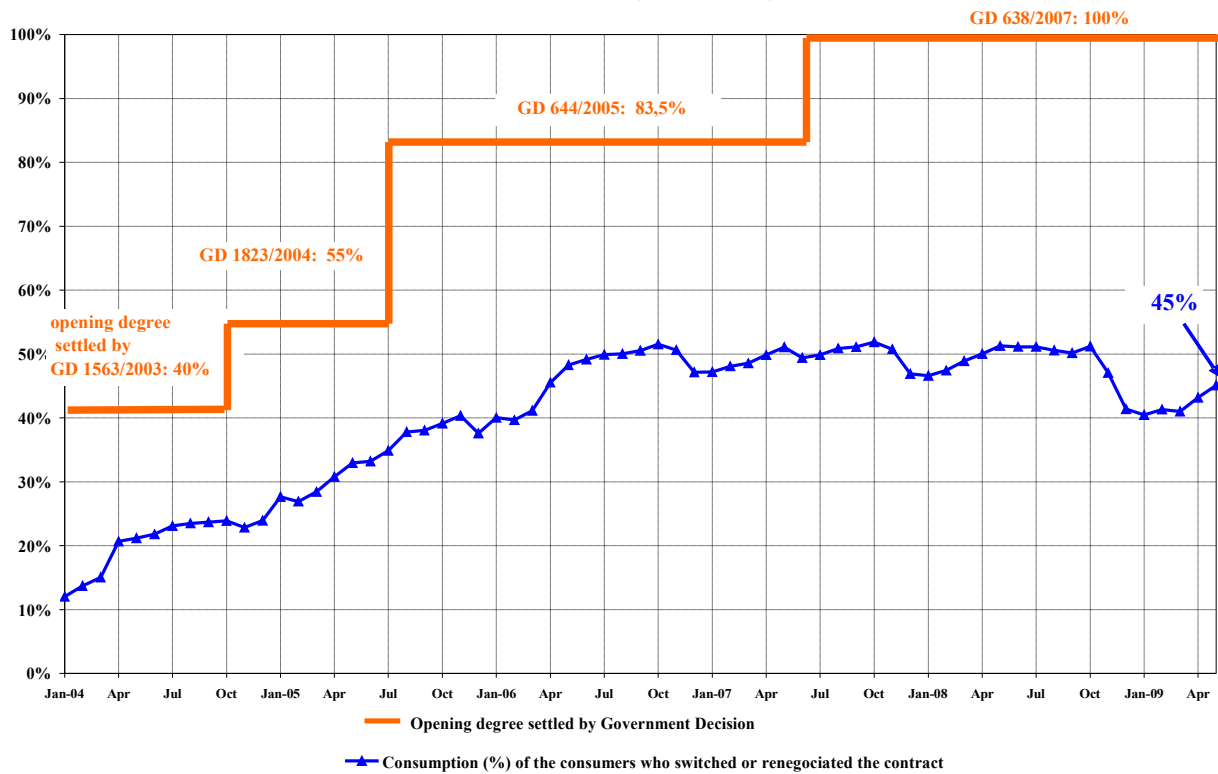
2. Steps in the opening process of the electricity market

Government Decision	Opening degree %	Annual consumption threshold GWh/year
No. 122/2000, published in O.G. 77/21.02.2000	10	100
No. 982/2000, published in O.G. 529/27.10.2000	15	100
No. 1272/2001, published in O.G. 832/21.12.2001	25	40
No. 48/2002, published in O.G. 71/31.01.2002	33	40
No. 1563/2003, published in O.G. 22/12.01.2004	40	20
No. 1823/2004, published in O.G. 1062/16.11.2004	55	1
No. 644/2005, published in O.G. 684/29.07.2005	83.5	-
No. 638/2007, published in O.G. 427/27.06.2007	100	-

3. Electricity market opening degree

The following graph contains the quota of the consumption from total consumption, of the consumers who switched their supplier or renegotiated their contracts with the suppliers operating on the regulated market, during January 2004 – May 2009. The values presented are cumulated from the beginning of the opening process and are presented monthly:

Opening degree evolution for electricity market
January 2004 - May 2009



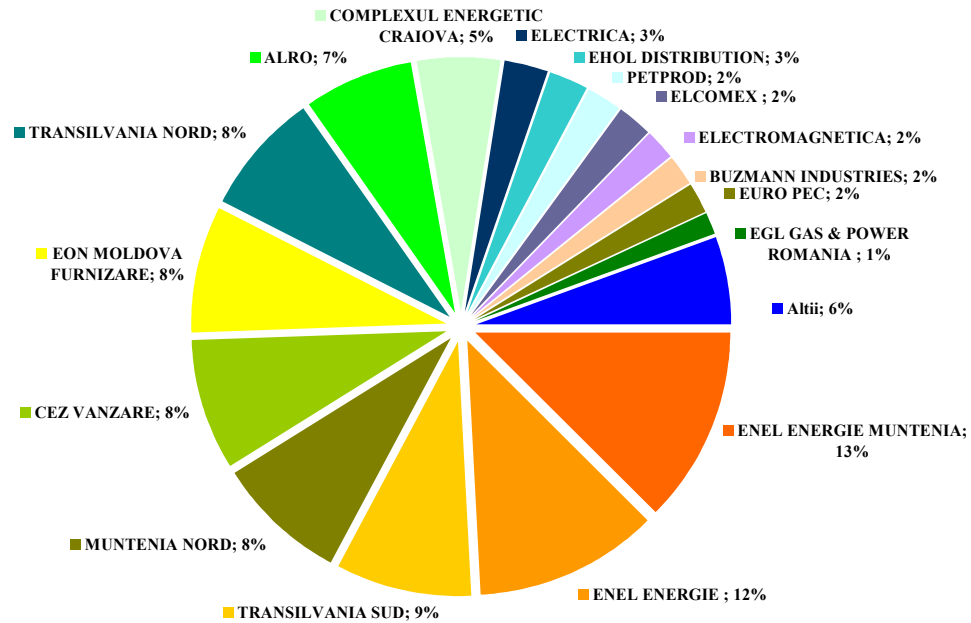
Source: Monthly reports of the final consumers' suppliers – processed by MG

4. 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 incumbents) on REM – based on the electricity supplied to the consumers on regulated tariffs as well as to the consumers who switched their supplier or renegotiated their contract;

Market shares of suppliers for final consumers
- January - May 2009 -



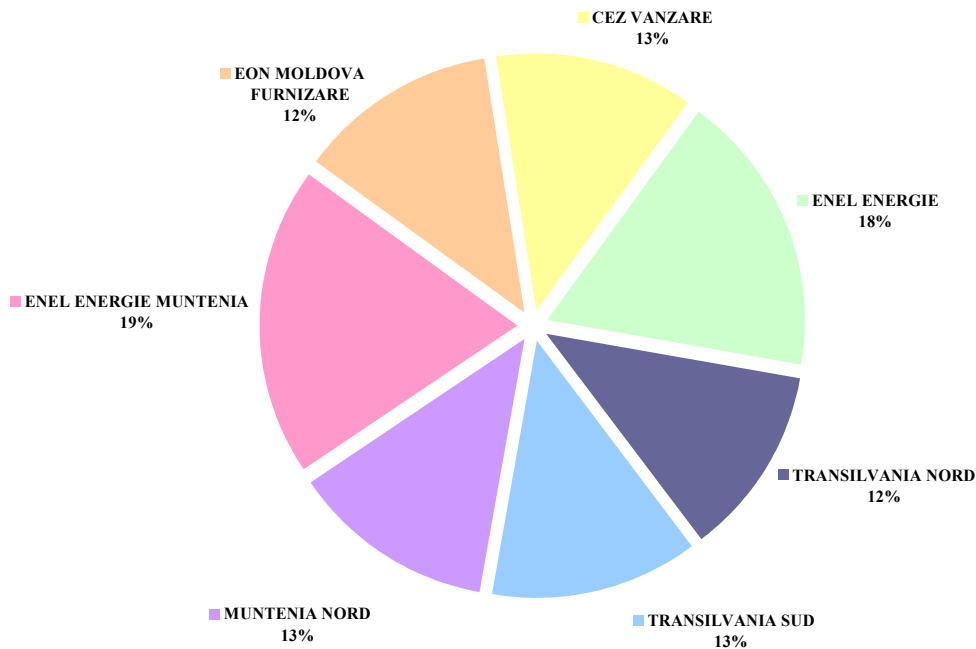
Final consumption: 17259 GWh

Category "Others" includes 29 suppliers with individual market share less than 1%

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

- b) for incumbent suppliers - based on the electricity supplied to the consumers at regulated tariffs,

Market shares of incumbent suppliers on regulated market
- January - May 2009 -



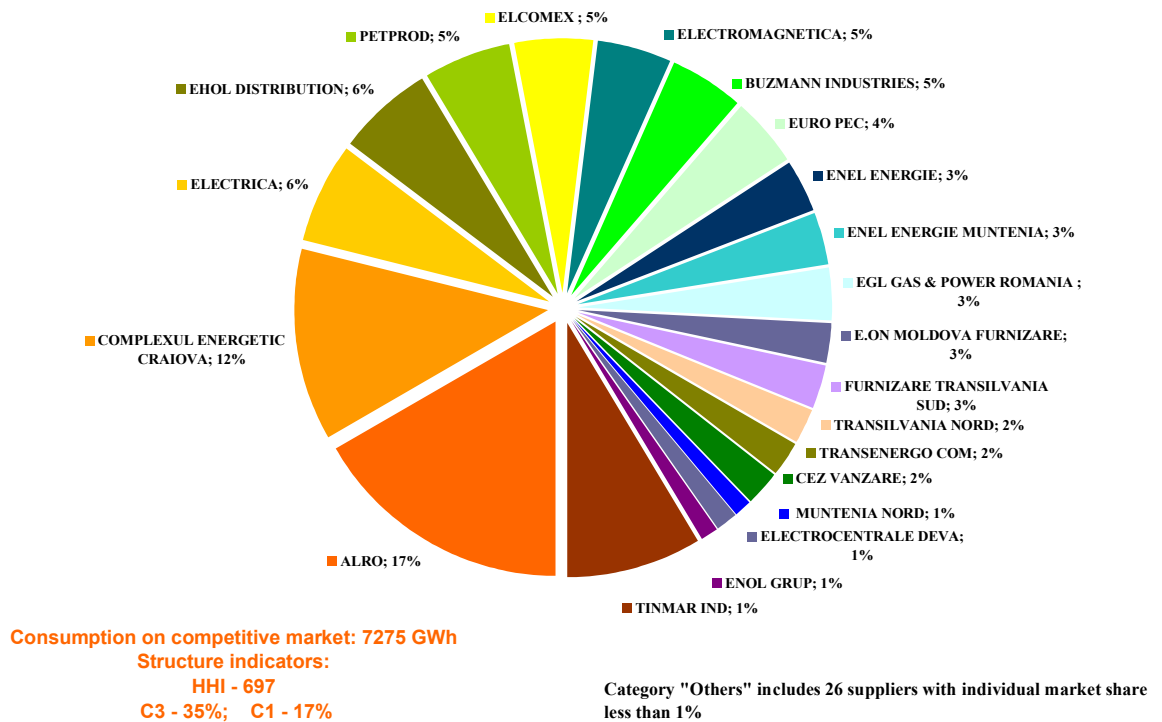
Consumption of consumers supplied at regulated tariffs: 9983 GWh

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

and

- c) for all suppliers (including the incumbents) based on the electricity supplied for the consumers at negotiated prices on competitive component of REM:

Market shares of suppliers delivering electricity on the competitive market
- January - May 2009 -



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

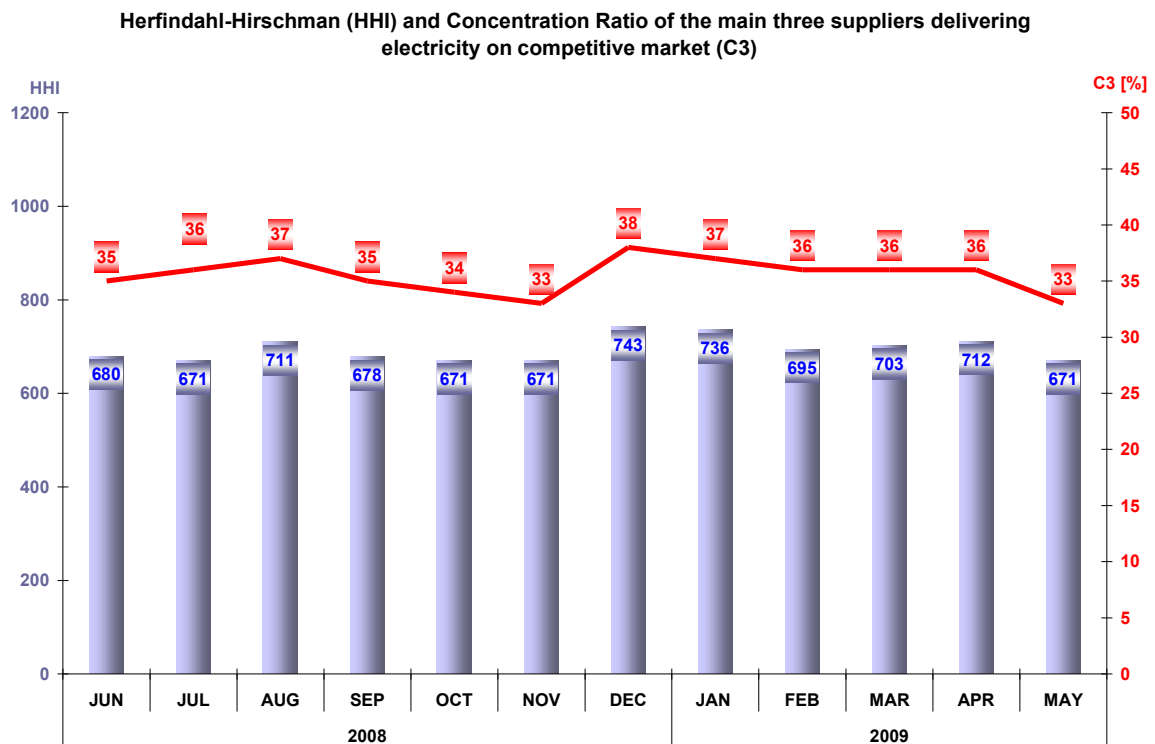
The electricity supplied to the final consumers used for calculating the market share of every supplier includes also the self-consumption of that particular supplier (e.g. consumers with supply license who buy electricity for themselves from WEM as competitive suppliers).

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 consumers in total electricity sales. The table below presents the number of suppliers acting on the REM, grouped into categories of sales weight during May 2009:

Number of suppliers - May 2009 -	Share of sales to final consumers from total sales transactions			
	100%	75% - 100%	50% - 75%	<50%
Competitive	9	10	4	11
Incumbent	4	2	0	1

5. 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 in the following graph:



Source: Monthly reports of the suppliers – processed by MG

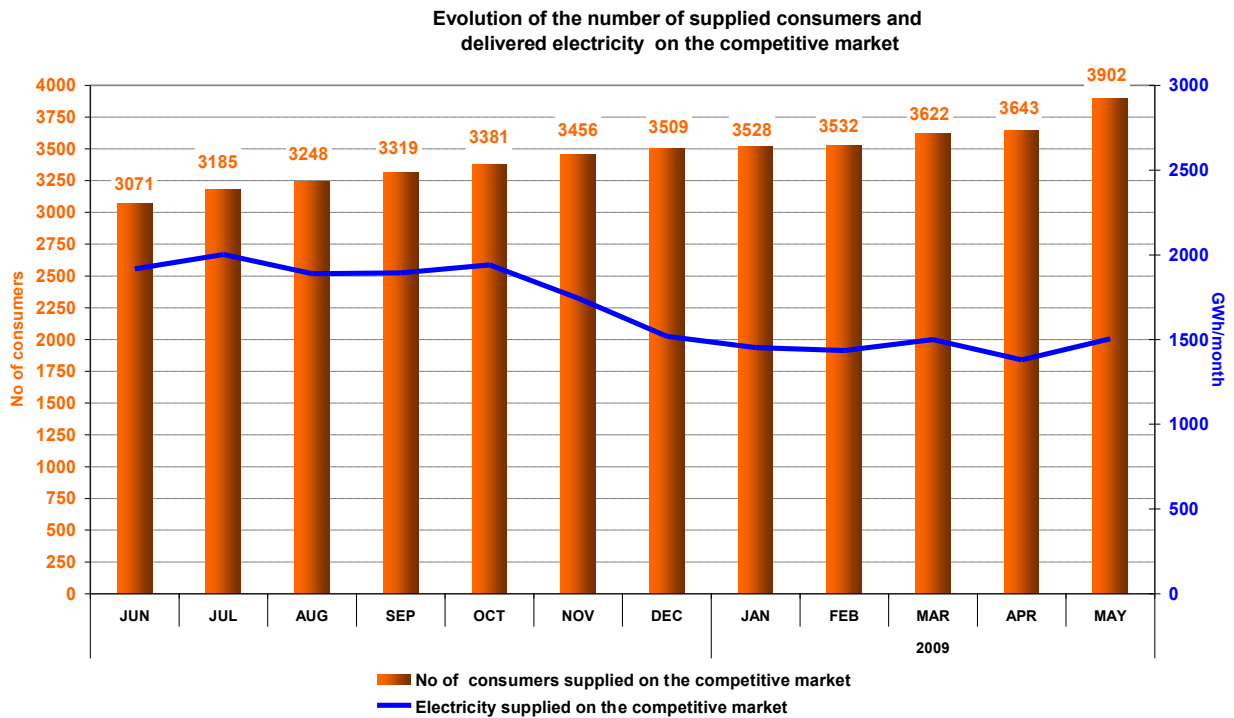
The table below shows the values of structure indicators of competitive component of REM in May 2009 and number of active suppliers, calculated for each consumer category as defined by the European Council Directive no. 90/377/EEC, modified by the Commission Decision no. 2007/394/EC:

Indicators - May 2009 -	Consumer category							Total
	IA	IB	IC	ID	IE	IF	Others	
C1 (%)	86	32	17	14	14	33	31	16
C3 (%)	95	59	37	37	36	64	62	33
HHI	7475	1556	813	707	750	1799	1770	671
Consumption (GWh)	0.9	31	87	293	187	132	775	1506
No. of suppliers	9	32	37	38	21	11	11	45
Incumbent suppliers	6	7	7	7	4	2	0	7
Competitive suppliers	3	23	27	29	16	9	8	34
Generators acting as suppliers	0	2	3	2	1	0	3	4

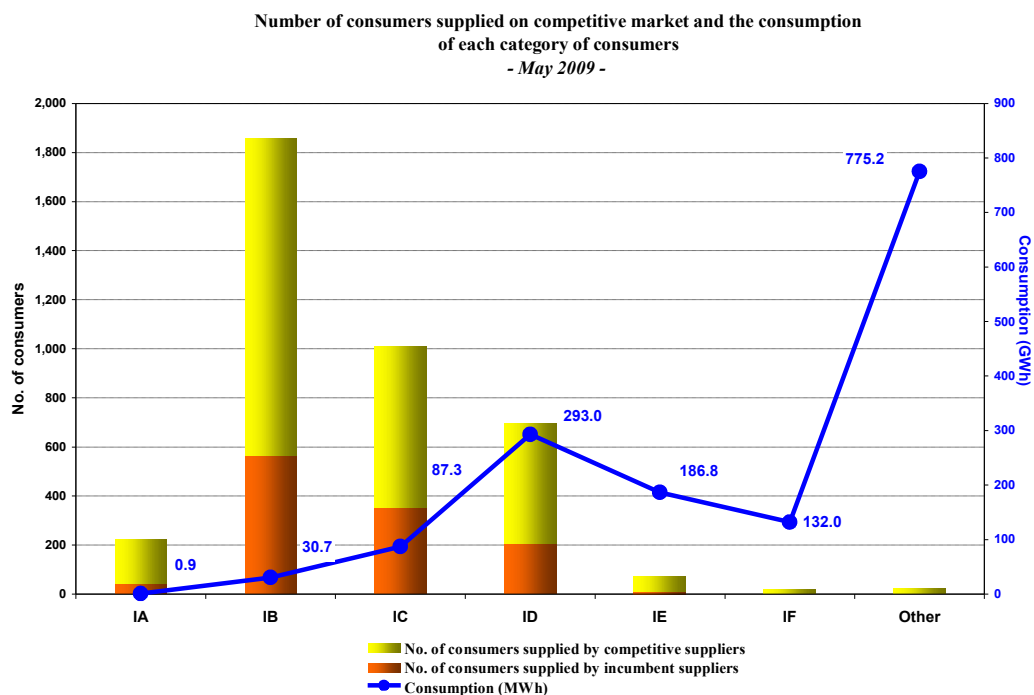
6. Evolution of consumers' number and of the electricity delivered

Number of consumers supplied on the competitive market is presented as total value from the beginning of the market opening process; for May 2009 this number is split into categories, according to the provisions of the European Council Directive no. 90/377/EC, with subsequent modifications. The table below presents the bands of consumption of each category of consumers:

Industrial end-user	Annual electricity consumption (MWh)	
	Lowest	Highest
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

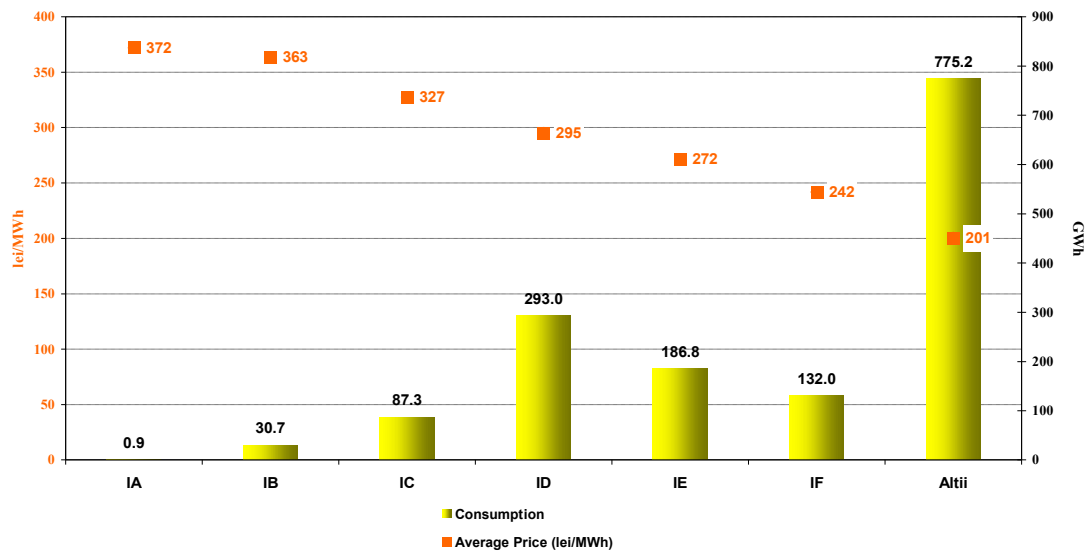


Source: Monthly reports of the suppliers – processed by MG

7. Average selling prices of consumers supplied on the competitive market

The following graph presents the average selling prices of consumers supplied on the competitive market, based on the structure defined according to the European Council Directive no. 90/377/EC, with the subsequent modifications.

Average price and energy consumption on types of consumer supplied on competitive market
- May 2009 -



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, distribution, market settlement, imbalances, BRP aggregated taxes, metering).

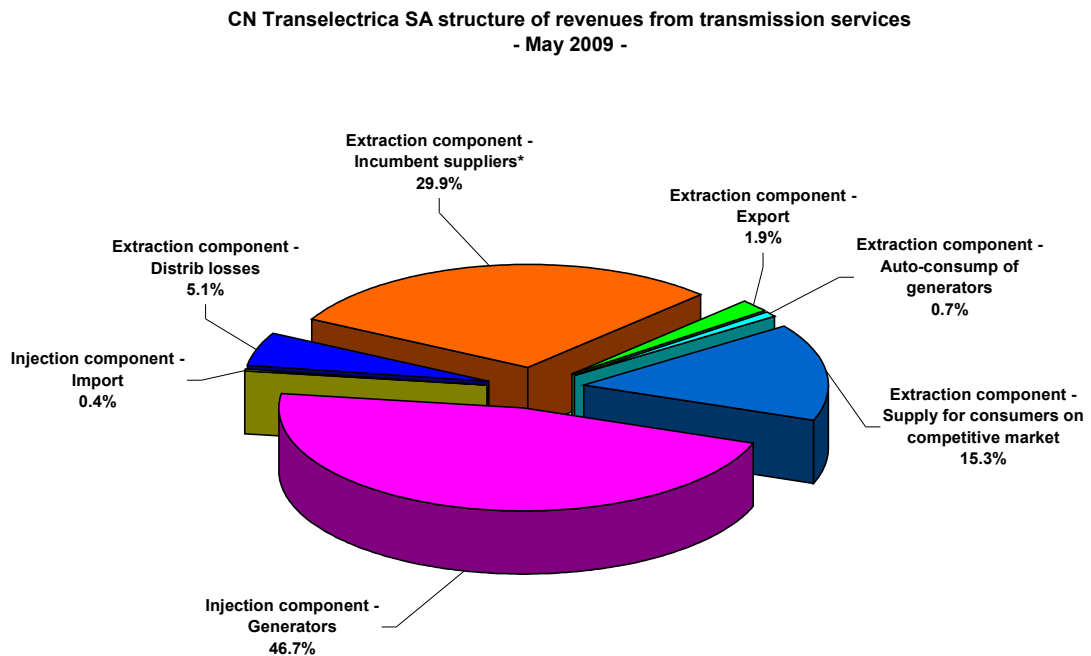
Splitting consumers into categories was based on their annual consumption forecast, according to the provisions of above mentioned Directive.

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

CN Traselectrica 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 territory of the consumers.

The following graph presents the structure of CN Traselectrica SA revenues from performing the transmission services and reflects the structure of its clients benefiting from this type of service in May 2009.



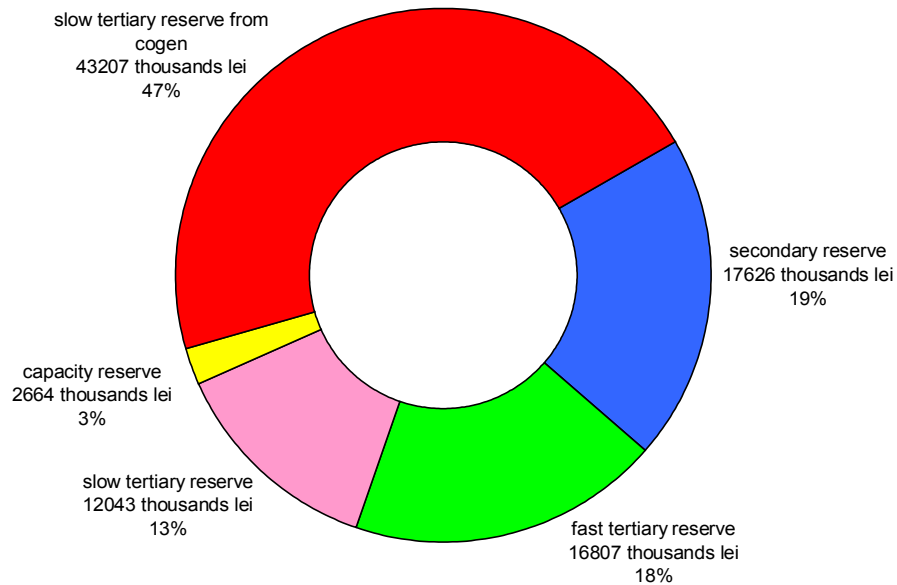
* referring to all their activity as well as the distribution losses for one distribution operator

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

In order to perform the system operator tasks, CN Traselectrica SA assesses and contracts reserves (ancillary services) from qualified generators, which are integrated on BM. The ancillary services used are: reserves for secondary, fast tertiary, slow tertiary regulation and slow tertiary reserve from cogeneration. Starting with July 2007, the rules for capacity reserve entered into force, by determination of the reserve dimensions, the way in which the suppliers of this service are selected and the conditions in which this new type of reserve may be used by CN Traselectrica SA.

The following graph presents the costs of ancillary services CN Traselectrica SA had to pay in May 2009. In order to cover these costs and its own operating costs, TSO applies a regulated tariff for system services.

Structure of CN Transelectrica SA costs with ancillary services acquired from qualified generators
- May 2009 -



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

V. EVOLUTION OF MARKET RULES IN MAY 2009

- No regulations concerning the functioning of the wholesale or the retail electricity market were issued in May 2009.

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 consumers on regulated market** represents the consumption of consumers supplied at regulated tariffs by the incumbent suppliers.
- **Consumption of consumers on competitive market** represents the consumption of consumers supplied at negotiated 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 SNP Petrom together with the electricity sold by the generators through direct lines or consumed by themselves at other consumption sites.
- **Competitive supplier** represents, within the present document, 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 standardised bilateral contracts with continuous negotiation
- NES – National Energy System
- WEM – wholesale electricity market
- REM – retail electricity market
- RCE – Romanian Commodities Exchange