



**INDEPENDENT POWER TRANSMISSION
SYSTEM OPERATOR**

**TRANSMISSION SYSTEM ENERGY BALANCE
MONTHLY REPORT**

Info :K. Petsinis +30 210 9466888

	SEPTEMBER 2012	COMPARED TO LAST YEAR(%)	JANUARY - SEPTEMBER 2012	COMPARED TO LAST YEAR (%)
PRODUCTION AND EXCHANGE BALANCE (MWh)				
TOTAL PRODUCTION & EXCHANGE BALANCE	3.842.888	-10,90%	38.574.963	-1,37%
TOTAL NET PRODUCTION	3.697.009	-10,24%	36.900.721	0,98%
CLASSIFICATION				
LIGNITE	2.165.642	-5,29%	20.837.782	1,38%
OIL	5		66.182	681,90%
NATURAL GAS	1.091.279	-16,39%	10.836.043	-3,41%
HYDRO	223.252	-24,51%	2.920.850	-3,04%
RENEWABLE AND OTHER SOURCES *	216.831	-6,07%	2.239.863	27,92%
EXCHANGE BALANCE	145.880	-24,97%	1.674.242	-34,80%
IMPORTS	464.950		4.752.781	
from TURKEY	126.005		1.356.264	
from ALBANIA	430		10.393	
from FYROM	125.698		1.294.198	
from BULGARIA	199.618		1.767.222	
from ITALY	13.199		324.704	
EXPORTS	319.070		3.078.539	
to TURKEY	124		2.256	
to ALBANIA	107.451		1.217.552	
to FYROM	6.054		123.578	
to BULGARIA	0		2.130	
to ITALY	205.441		1.733.023	



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	SEPTEMBER 2012	COMPARED TO LAST YEAR(%)	JANUARY - SEPTEMBER 2012	COMPARED TO LAST YEAR (%)
CONSUMPTION (MWh)				
TOTAL CONSUMPTION	3.842.888	-10,90%	38.574.963	-1,37%
NET CONSUMPTION	3.824.914	-10,63%	38.355.982	-1,40%
PUMPING	17.974		218.981	
CLASSIFICATION				
CONSUMPTION OF ELECTRICITY SECTOR	15.649		123.360	
HV INDUSTRIAL CUSTOMERS	572.360	-1,60%	4.863.728	-2,78%
DISTRIBUTION NETWORK	3.064.282	-12,30%	31.673.225	-1,26%
AUTOPRODUCERS **	0		0	
PUMPING	17.974		218.981	
MINES	69.850	-15,03%	701.072	-2,35%
SYSTEM LOSSES	102.772		994.597	
SYSTEM POWER (MW)				
SYSTEM INSTANT PEAK LOAD	7.596 ***		9.894 ***	
Date of peak load	06/09/12		16/07/12	
Hour of peak load	21		15	
Athens (ROUF) temperature at peak time (oC)	29		41	
HOURLY AVERAGE LOAD IN ATTIKI	2.517		3.562	

NOTE:

* Includes only the HV substations

** Autoproducers are included in the HV INDUSTRIAL CUSTOMERS

*** Value from SCADA SYSTEM

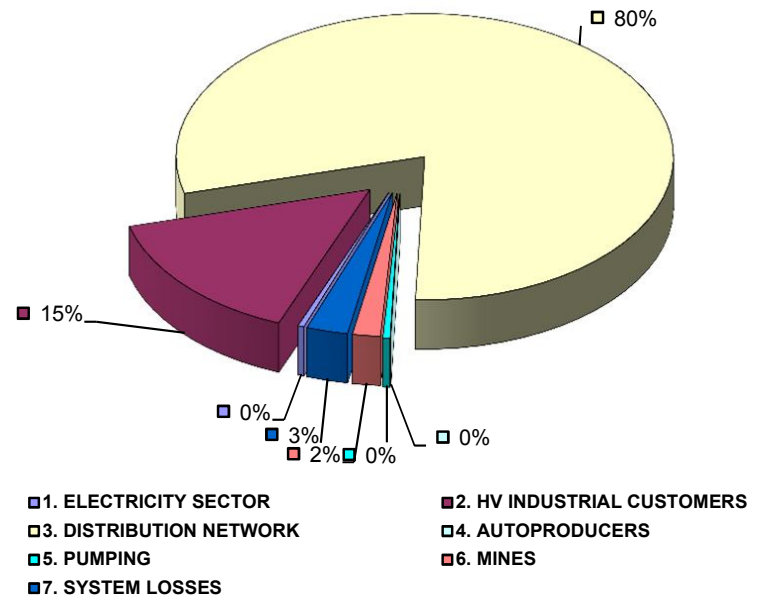


**INDEPENDENT POWER
TRANSMISSION OPERATOR**

**TOTAL ELECTRICITY CONSUMPTION
(MWh)
Month : SEPTEMBER 2012**

TOTAL ELECTRICITY CONSUMPTION	MONTHLY TOTALS	(%)
CLASSIFICATION	3.842.888	100,00%
1. ELECTRICITY SECTOR	15.649	0,41%
2. HV INDUSTRIAL CUSTOMERS	572.360	14,89%
3. DISTRIBUTION NETWORK	3.064.282	79,74%
4. AUTOPRODUCERS	0	0,00%
5. PUMPING	17.974	0,47%
6. MINES	69.850	1,82%
7. SYSTEM LOSSES	102.772	2,67%

MONTHLY ELECTRICITY CONSUMPTION





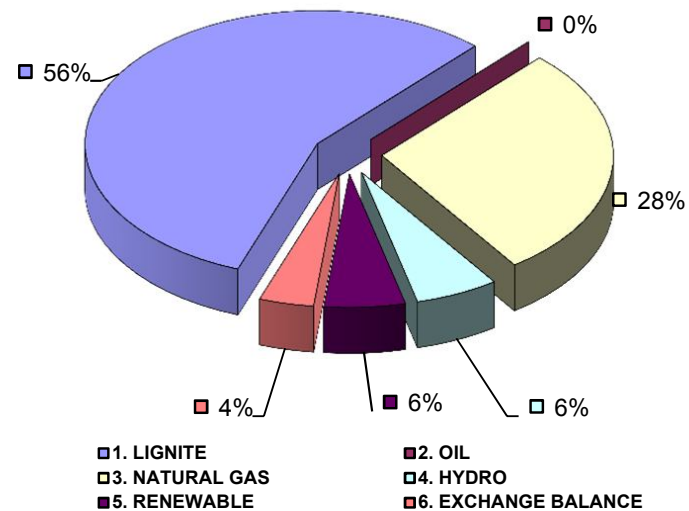
**INDEPENDENT POWER
TRANSMISSION OPERATOR**

**MONTHLY ELECTRICITY PRODUCTION & EXCHANGE BALANCE
(MWh)**

Month : **SEPTEMBER 2012**

TOTAL PRODUCTION & INTERCONNECTIONS	MONTH TOTALS	(%)
TOT.PROD. & INTERCON.	3.842.888	100%
1. LIGNITE	2.165.642	56,35%
2. OIL	5	0,00%
3. NATURAL GAS	1.091.279	28,40%
4. HYDRO	223.252	5,81%
5. RENEWABLE	216.831	5,64%
6. EXCHANGE BALANCE	145.880	3,80%

MONTHLY ELECTRICITY PRODUCTION



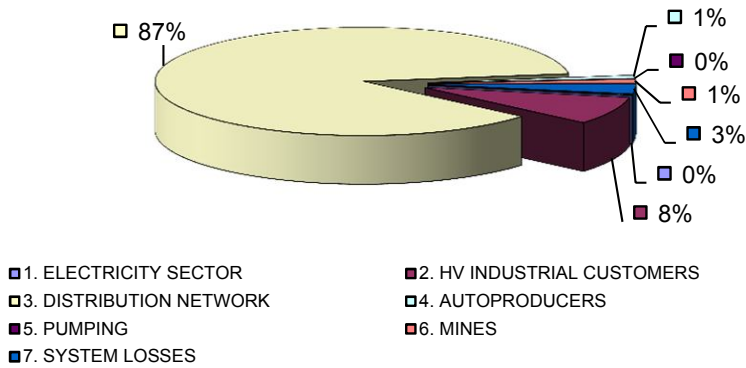
MONTHLY PEAK LOAD ANALYSIS

DAY 20120906

ELECTRICITY CONSUMPTION DURING PEAK LOAD		
<i>TOTAL</i>	<i>7.440</i>	<i>100%</i>
1. ELECTRICITY SECTOR	17	0,22%
2. HV INDUSTRIAL CUSTOMERS	613	8,24%
3. DISTRIBUTION NETWORK	6.435	86,49%
4. AUTOPRODUCERS	75	1,00%
5. PUMPING	0	0,00%
6. MINES	92	1,24%
7. SYSTEM LOSSES	208	2,80%

ELECTRICITY PRODUCTION DURING PEAK LOAD		
<i>TOTAL</i>	<i>7.440</i>	<i>100%</i>
1. LIGNITE	3.460	46,50%
2. OIL	0	0,00%
3. NATURAL GAS	2.305	30,98%
4. HYDRO	911	12,24%
5. RENEWABLE	194	2,61%
6. OTHER SOURCES	2	0,02%
7. EXCHANGE BALANCE	569	7,64%

Electricity consumption during peak load



Electricity production during peak load

