



**INDEPENDENT POWER TRANSMISSION
SYSTEM OPERATOR**

**TRANSMISSION SYSTEM ENERGY BALANCE
MONTHLY REPORT**

Info :K. Petsinis +30 210 9466888

	AUGUST 2012	COMPARED TO LAST YEAR(%)	JANUARY - AUGUST 2012	COMPARED TO LAST YEAR (%)
PRODUCTION AND EXCHANGE BALANCE (MWh)				
TOTAL PRODUCTION & EXCHANGE BALANCE	4.772.314	-0,27%	34.732.075	-0,19%
TOTAL NET PRODUCTION	4.521.217	2,96%	33.203.712	2,40%
CLASSIFICATION				
LIGNITE	2.695.250	7,62%	18.672.140	2,22%
OIL	8		66.178	681,94%
NATURAL GAS	1.154.784	-8,26%	9.744.765	-1,70%
HYDRO	433.635	11,15%	2.697.598	-0,70%
RENEWABLE AND OTHER SOURCES *	237.540	-0,14%	2.023.032	33,08%
EXCHANGE BALANCE	251.097	-36,27%	1.528.363	-35,60%
IMPORTS	593.709		4.287.831	
from TURKEY	106.155		1.230.259	
from ALBANIA	124		9.963	
from FYROM	209.418		1.168.500	
from BULGARIA	243.211		1.567.604	
from ITALY	34.801		311.505	
EXPORTS	342.612		2.759.469	
to TURKEY	153		2.132	
to ALBANIA	116.972		1.110.101	
to FYROM	1.477		117.524	
to BULGARIA	0		2.130	
to ITALY	224.010		1.527.582	



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	AUGUST 2012	COMPARED TO LAST YEAR(%)	JANUARY - AUGUST 2012	COMPARED TO LAST YEAR (%)
CONSUMPTION (MWh)				
TOTAL CONSUMPTION	4.772.314	-0,27%	34.732.075	-0,19%
NET CONSUMPTION	4.765.133	0,02%	34.531.068	-0,26%
PUMPING	7.182		201.007	
CLASSIFICATION				
CONSUMPTION OF ELECTRICITY SECTOR	9.760		107.710	
HV INDUSTRIAL CUSTOMERS	503.412	10,30%	4.291.368	-2,93%
DISTRIBUTION NETWORK	4.044.468	-1,13%	28.608.943	0,09%
AUTOPRODUCERS **	0		0	
PUMPING	7.182		201.007	
MINES	81.318	-5,15%	631.222	-0,71%
SYSTEM LOSSES	126.175		891.825	
SYSTEM POWER (MW)				
SYSTEM INSTANT PEAK LOAD	8.920 ***		9.894 ***	
Date of peak load	07/08/12		16/07/12	
Hour of peak load	22		15	
Athens (ROUF) temperature at peak time (oC)	36		41	
HOURLY AVERAGE LOAD IN ATTIKI	2.915		3.562	

NOTE:

* Includes only the HV substations

** Autoproducers are included in the HV INDUSTRIAL CUSTOMERS

*** Value from SCADA SYSTEM

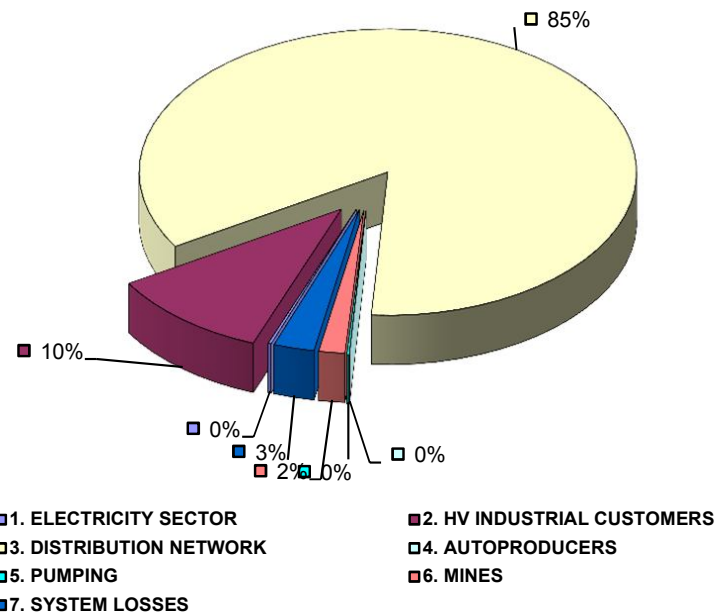


**INDEPENDENT POWER
TRANSMISSION OPERATOR**

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

TOTAL ELECTRICITY CONSUMPTION	MONTHLY TOTALS	(%)
CLASSIFICATION	4.772.314	100,00%
1. ELECTRICITY SECTOR	9.760	0,20%
2. HV INDUSTRIAL CUSTOMERS	503.412	10,55%
3. DISTRIBUTION NETWORK	4.044.468	84,75%
4. AUTOPRODUCERS	0	0,00%
5. PUMPING	7.182	0,15%
6. MINES	81.318	1,70%
7. SYSTEM LOSSES	126.175	2,64%

MONTHLY ELECTRICITY CONSUMPTION





**INDEPENDENT POWER
TRANSMISSION OPERATOR**

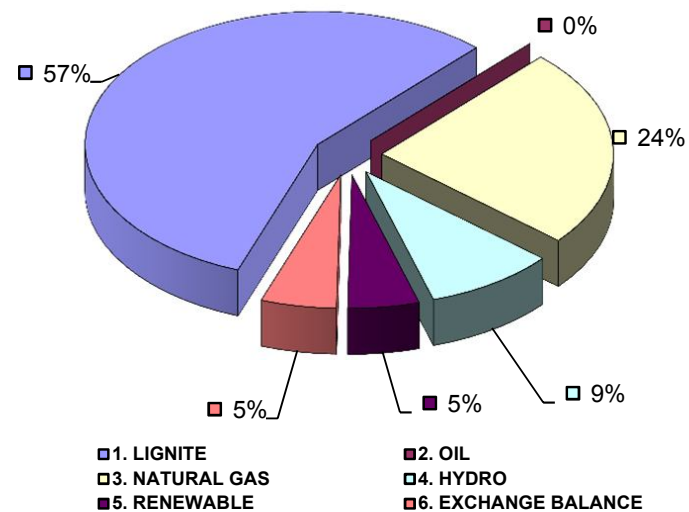
MONTHLY ELECTRICITY PRODUCTION & EXCHANGE BALANCE

(MWh)

Month : **AUGUST 2012**

TOTAL PRODUCTION & INTERCONNECTIONS	MONTH TOTALS	(%)
TOT.PROD. & INTERCON.	4.772.314	100%
1. LIGNITE	2.695.250	56,48%
2. OIL	8	0,00%
3. NATURAL GAS	1.154.784	24,20%
4. HYDRO	433.635	9,09%
5. RENEWABLE	237.540	4,98%
6. EXCHANGE BALANCE	251.097	5,26%

MONTHLY ELECTRICITY PRODUCTION





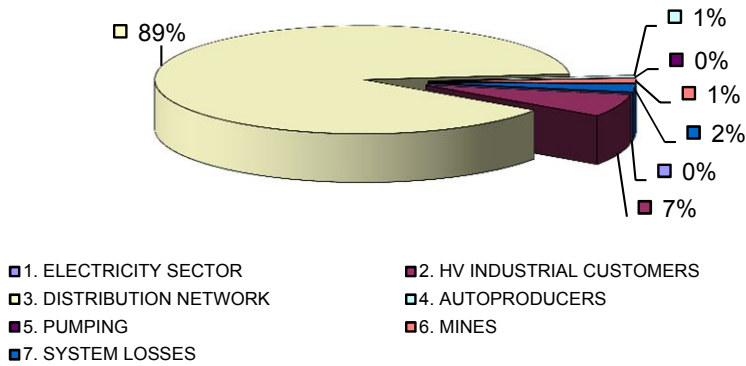
MONTHLY PEAK LOAD ANALYSIS

DAY : 20120807

ELECTRICITY CONSUMPTION DURING PEAK LOAD			
	TOTAL	8.809	100%
1. ELECTRICITY SECTOR	5		0,06%
2. HV INDUSTRIAL CUSTOMERS	595		6,76%
3. DISTRIBUTION NETWORK	7.812		88,68%
4. AUTOPRODUCERS	66		0,75%
5. PUMPING	0		0,00%
6. MINES	126		1,43%
7. SYSTEM LOSSES	205		2,32%

ELECTRICITY PRODUCTION DURING PEAK LOAD			
	TOTAL	8.809	100%
1. LIGNITE	3.757		42,65%
2. OIL	0		0,00%
3. NATURAL GAS	2.582		29,31%
4. HYDRO	1.738		19,73%
5. RENEWABLE	311		3,53%
6. OTHER SOURCES	2		0,02%
7. EXCHANGE BALANCE	420		4,77%

Electricity consumption during peak load



Electricity production during peak load

