



**INDEPENDENT POWER TRANSMISSION
SYSTEM OPERATOR**

**TRANSMISSION SYSTEM ENERGY BALANCE
MONTHLY REPORT**

Info :K. Petsinis +30 210 9466888

	JULY 2012	COMPARED TO LAST YEAR(%)	JANUARY - JULY 2012	COMPARED TO LAST YEAR (%)
PRODUCTION AND EXCHANGE BALANCE (MWh)				
TOTAL PRODUCTION & EXCHANGE BALANCE	5.447.495	1,31%	29.959.760	-0,18%
TOTAL NET PRODUCTION	4.968.308	1,42%	28.682.495	2,31%
CLASSIFICATION				
LIGNITE	2.746.341	2,10%	15.976.890	1,36%
OIL	2	-99,95%	66.170	681,85%
NATURAL GAS	1.452.505	-11,65%	8.589.980	-0,74%
HYDRO	525.477	30,34%	2.263.962	-2,69%
RENEWABLE AND OTHER SOURCES *	243.982	54,54%	1.785.493	39,24%
EXCHANGE BALANCE	479.187	0,17%	1.277.265	-35,47%
IMPORTS	784.067		3.694.122	
from TURKEY	165.015		1.124.104	
from ALBANIA	261		9.839	
from FYROM	306.636		959.082	
from BULGARIA	267.496		1.324.393	
from ITALY	44.659		276.704	
EXPORTS	304.881		2.416.857	
to TURKEY	1.117		1.979	
to ALBANIA	85.594		993.129	
to FYROM	12		116.047	
to BULGARIA	0		2.130	
to ITALY	218.158		1.303.572	



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	JULY 2012	COMPARED TO LAST YEAR(%)	JANUARY - JULY 2012	COMPARED TO LAST YEAR (%)
CONSUMPTION (MWh)				
TOTAL CONSUMPTION	5.447.495	1,31%	29.959.760	-0,18%
NET CONSUMPTION	5.437.527	1,24%	29.765.935	-0,31%
PUMPING	9.968		193.825	
CLASSIFICATION				
CONSUMPTION OF ELECTRICITY SECTOR	8.305		97.951	
HV INDUSTRIAL CUSTOMERS	553.270	-9,52%	3.787.956	-4,45%
DISTRIBUTION NETWORK	4.655.697	2,53%	24.564.475	0,29%
AUTOPRODUCERS **	0		0	
PUMPING	9.968		193.825	
MINES	83.186	2,34%	549.903	-0,01%
SYSTEM LOSSES	137.069		765.650	
SYSTEM POWER (MW)				
SYSTEM INSTANT PEAK LOAD	9.894 ***		9.894 ***	
Date of peak load	16/07/12		16/07/12	
Hour of peak load	15		15	
Athens (ROUF) temperature at peak time (oC)	41		41	
HOURLY AVERAGE LOAD IN ATTIKI	3.562		3.562	

NOTE:

* Includes only the HV substations

** Autoproducers are included in the HV INDUSTRIAL CUSTOMERS

*** Value from SCADA SYSTEM



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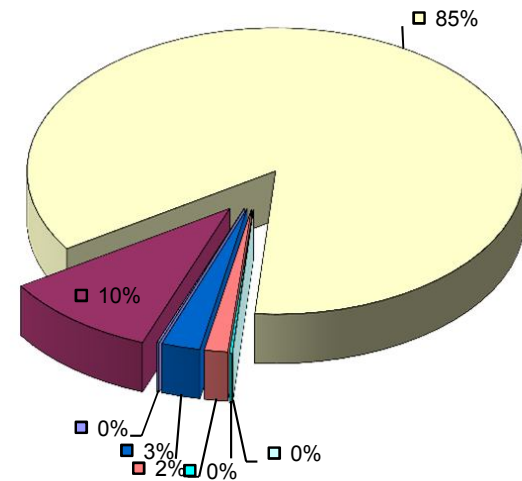
TOTAL ELECTRICITY CONSUMPTION

(MWh)

Month : **JULY 2012**

TOTAL ELECTRICITY CONSUMPTION	MONTHLY TOTALS	(%)
CLASSIFICATION	5.447.495	100,00%
1. ELECTRICITY SECTOR	8.305	0,15%
2. HV INDUSTRIAL CUSTOMERS	553.270	10,16%
3. DISTRIBUTION NETWORK	4.655.697	85,46%
4. AUTOPRODUCERS	0	0,00%
5. PUMPING	9.968	0,18%
6. MINES	83.186	1,53%
7. SYSTEM LOSSES	137.069	2,52%

MONTHLY ELECTRICITY CONSUMPTION



- 1. ELECTRICITY SECTOR
- 2. HV INDUSTRIAL CUSTOMERS
- 3. DISTRIBUTION NETWORK
- 4. AUTOPRODUCERS
- 5. PUMPING
- 6. MINES
- 7. SYSTEM LOSSES



**INDEPENDENT POWER
TRANSMISSION OPERATOR**

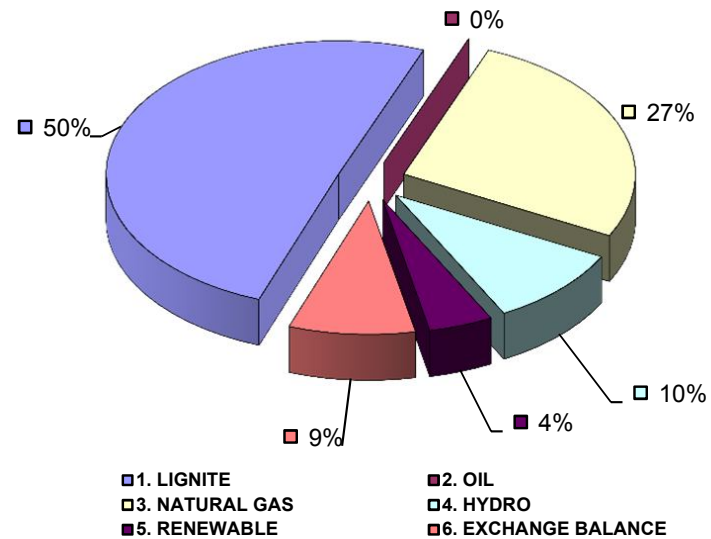
MONTHLY ELECTRICITY PRODUCTION & EXCHANGE BALANCE

(MWh)

Month : **JULY 2012**

TOTAL PRODUCTION & INTERCONNECTIONS	MONTH TOTALS	(%)
TOT.PROD. & INTERCON.	5.447.495	100%
1. LIGNITE	2.746.341	50,41%
2. OIL	2	0,00%
3. NATURAL GAS	1.452.505	26,66%
4. HYDRO	525.477	9,65%
5. RENEWABLE	243.982	4,48%
6. EXCHANGE BALANCE	479.187	8,80%

MONTHLY ELECTRICITY PRODUCTION



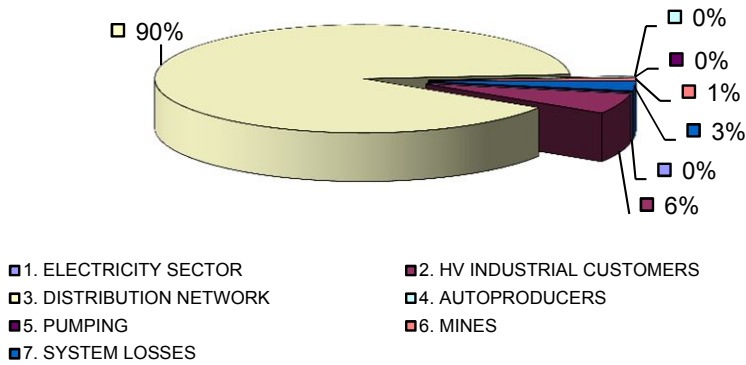


MONTHLY PEAK LOAD ANALYSIS

DAY : 20120716

ELECTRICITY CONSUMPTION DURING PEAK LOAD		
TOTAL	9.735	100%
1. ELECTRICITY SECTOR	14	0,14%
2. HV INDUSTRIAL CUSTOMERS	594	6,10%
3. DISTRIBUTION NETWORK	8.731	89,68%
4. AUTOPRODUCERS	46	0,48%
5. PUMPING	0	0,00%
6. MINES	78	0,80%
7. SYSTEM LOSSES	273	2,80%

Electricity consumption during peak load



ELECTRICITY PRODUCTION DURING PEAK LOAD		
TOTAL	9.735	100%
1. LIGNITE	3.613	37,11%
2. OIL	0	0,00%
3. NATURAL GAS	2.739	28,13%
4. HYDRO	1.722	17,69%
5. RENEWABLE	182	1,87%
6. OTHER SOURCES	2	0,02%
7. EXCHANGE BALANCE	1.479	15,19%

Electricity production during peak load

