



INDEPENDENT POWER TRANSMISSION
SYSTEM OPERATOR

TRANSMISSION SYSTEM ENERGY BALANCE
MONTHLY REPORT

Info :K. Petsinis +30 210 9466888

	MAY 2013	COMPARED TO LAST YEAR (%)	JANUARY - MAY 2013	COMPARED TO LAST YEAR (%)
PRODUCTION AND EXCHANGE BALANCE (MWh)				
TOTAL PRODUCTION & EXCHANGE BALANCE	3.385.388	-7,30%	18.756.527	-7,15%
TOTAL NET PRODUCTION	3.227.211	-10,63%	18.195.144	-7,55%
CLASSIFICATION				
LIGNITE	1.830.562	-10,48%	8.787.472	-19,02%
OIL	3	-22,19%	59	-99,91%
NATURAL GAS	825.385	-18,94%	4.481.539	-27,02%
HYDRO	306.906	-8,95%	3.402.739	152,82%
RENEWABLE AND OTHER SOURCES *	264.354	25,50%	1.523.336	19,45%
EXCHANGE BALANCE	158.177	284,28%	561.383	7,71%
IMPORTS	268.262		1.819.217	
from TURKEY	1.490		190.951	
from ALBANIA	146.213		451.464	
from FYROM	83.647		650.695	
from BULGARIA	34.581		516.272	
from ITALY	2.331		9.835	
EXPORTS	110.085		1.257.834	
to TURKEY	61.501		135.887	
to ALBANIA	274		101.100	
to FYROM	2.634		10.689	
to BULGARIA	821		3.445	
to ITALY	44.855		1.006.713	



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	MAY 2013	COMPARED TO LAST YEAR (%)	JANUARY - MAY 2013	COMPARED TO LAST YEAR (%)
CONSUMPTION (MWh)				
TOTAL CONSUMPTION	3.385.388	-7,30%	18.756.527	-7,15%
NET CONSUMPTION	3.381.827	-7,17%	18.745.066	-6,39%
PUMPING	3.561		11.461	
CLASSIFICATION				
CONSUMPTION OF ELECTRICITY SECTOR	21.967		116.614	
HV INDUSTRIAL CUSTOMERS	556.044	-5,67%	2.687.340	0,16%
DISTRIBUTION NETWORK	2.650.714	-7,31%	15.089.744	-7,74%
PUMPING	3.561		11.461	
MINES	74.299	-5,46%	385.030	-1,47%
SYSTEM LOSSES	78.803		466.337	
SYSTEM POWER (MW)				
SYSTEM INSTANT PEAK LOAD	6.770 **		8.765 **	
Date of peak load	29/05/13		08/01/13	
Hour of peak load	22		20	
Athens (ROUF) temperature at peak time (oC)	28		0	
HOURLY AVERAGE LOAD IN ATTIKI	1.971		3.324	

NOTE:

* Includes only the HV substations

*** Value from SCADA SYSTEM

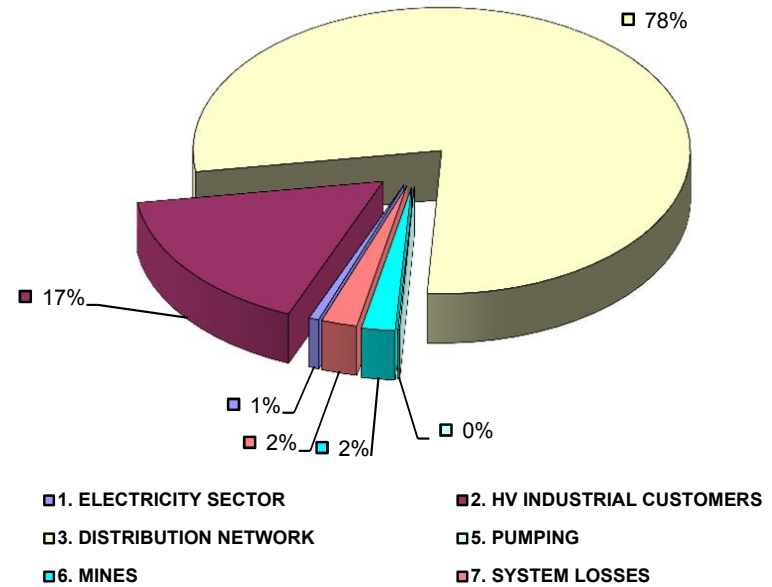


**INDEPENDENT POWER
TRANSMISSION OPERATOR**

**TOTAL ELECTRICITY CONSUMPTION
(MWh)
Month : MAY 2013**

TOTAL ELECTRICITY CONSUMPTION	MONTHLY TOTALS	(%)
CLASSIFICATION	3.385.388	100,00%
1. ELECTRICITY SECTOR	21.967	0,65%
2. HV INDUSTRIAL CUSTOMERS	556.044	16,42%
3. DISTRIBUTION NETWORK	2.650.714	78,30%
5. PUMPING	3.561	0,11%
6. MINES	74.299	2,19%
7. SYSTEM LOSSES	78.803	2,33%

MONTHLY ELECTRICITY CONSUMPTION





**INDEPENDENT POWER
TRANSMISSION OPERATOR**

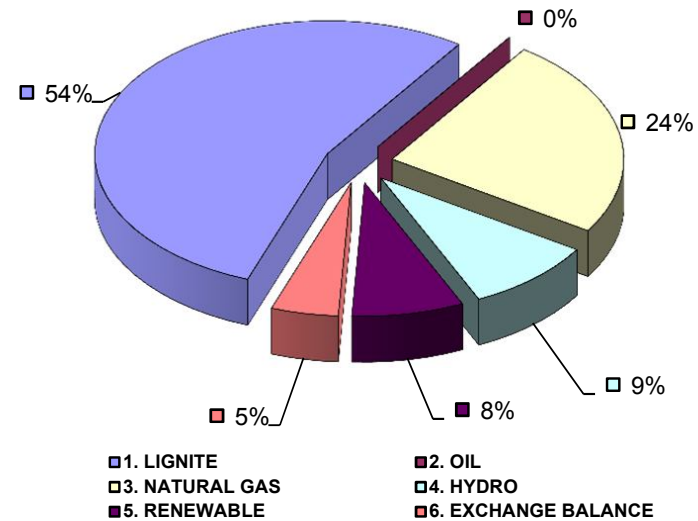
MONTHLY ELECTRICITY PRODUCTION & EXCHANGE BALANCE

(MWh)

Month : **MAY 2013**

TOTAL PRODUCTION & INTERCONNECTIONS	MONTH TOTALS	(%)
TOT.PROD. & INTERCON.	3.385.388	100%
1. LIGNITE	1.830.562	54,07%
2. OIL	3	0,00%
3. NATURAL GAS	825.385	24,38%
4. HYDRO	306.906	9,07%
5. RENEWABLE	264.354	7,81%
6. EXCHANGE BALANCE	158.177	4,67%

MONTHLY ELECTRICITY PRODUCTION





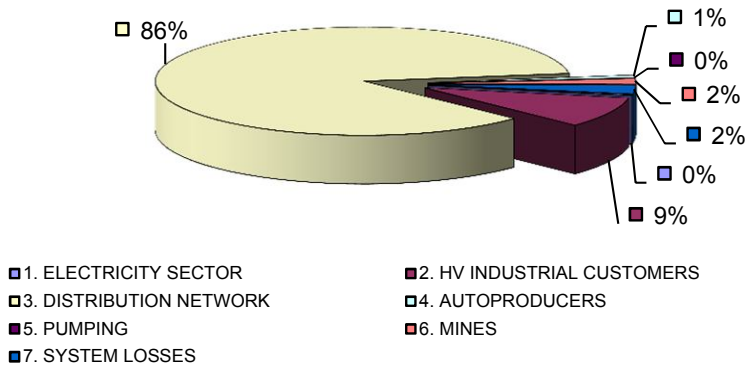
MONTHLY PEAK LOAD ANALYSIS

DAY 20130529

ELECTRICITY CONSUMPTION DURING PEAK LOAD		
TOTAL	6.559	100%
1. ELECTRICITY SECTOR	18	0,27%
2. HV INDUSTRIAL CUSTOMERS	597	9,10%
3. DISTRIBUTION NETWORK	5.612	85,57%
4. AUTOPRODUCERS	55	0,84%
5. PUMPING	0	0,00%
6. MINES	112	1,70%
7. SYSTEM LOSSES	165	2,52%

ELECTRICITY PRODUCTION DURING PEAK LOAD		
TOTAL	6.559	100%
1. LIGNITE	3.190	48,63%
2. OIL	0	0,00%
3. NATURAL GAS	1.318	20,10%
4. HYDRO	1.543	23,52%
5. RENEWABLE	292	4,45%
6. OTHER SOURCES	2	0,03%
7. EXCHANGE BALANCE	214	3,26%

Electricity consumption during peak load



Electricity production during peak load

