



**INDEPENDENT POWER TRANSMISSION
SYSTEM OPERATOR**

**TRANSMISSION SYSTEM ENERGY BALANCE
MONTHLY REPORT**

Info :K. Petsinis +30 210 9466888

	MAY 2012	COMPARED TO LAST YEAR(%)	JANUARY - MAY 2012	COMPARED TO LAST YEAR (%)
PRODUCTION AND EXCHANGE BALANCE (MWh)				
TOTAL PRODUCTION & EXCHANGE BALANCE	3.652.094	-5,20%	20.201.277	-1,56%
TOTAL NET PRODUCTION	3.610.932	-4,39%	19.680.058	1,44%
CLASSIFICATION				
LIGNITE	2.044.934	-2,75%	10.851.636	-2,62%
OIL	4	-99,65%	66.167	4517,41%
NATURAL GAS	1.018.297	-15,78%	6.141.088	6,96%
HYDRO	337.062	28,27%	1.345.918	-11,61%
RENEWABLE AND OTHER SOURCES *	210.636	4,80%	1.275.249	28,71%
EXCHANGE BALANCE	41.162	-45,61%	521.219	-53,49%
IMPORTS	341.466		2.394.578	
from TURKEY	131.574		884.893	
from ALBANIA	4		8.589	
from FYROM	103.626		418.682	
from BULGARIA	101.733		862.591	
from ITALY	4.529		219.823	
EXPORTS	300.304		1.873.360	
to TURKEY	67		170	
to ALBANIA	102.534		829.091	
to FYROM	14.354		116.013	
to BULGARIA	3		2.129	
to ITALY	183.346		925.957	



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CONSUMPTION (MWh)				
TOTAL CONSUMPTION	3.652.094	-5,20%	20.201.277	-1,56%
NET CONSUMPTION	3.643.159	-5,28%	20.024.901	-1,77%
PUMPING	8.935		176.377	
CLASSIFICATION				
CONSUMPTION OF ELECTRICITY SECTOR	20.091		74.614	
HV INDUSTRIAL CUSTOMERS	589.480	0,16%	2.683.050	-3,82%
DISTRIBUTION NETWORK	2.859.685	-6,39%	16.355.957	-1,41%
AUTOPRODUCERS **	0		0	
PUMPING	8.935		176.377	
MINES	78.588	-6,84%	390.784	-5,37%
SYSTEM LOSSES	95.316		520.495	
SYSTEM POWER (MW)				
SYSTEM INSTANT PEAK LOAD	6.714 ***		8.734 ***	
Date of peak load	08/05/12		31/01/12	
Hour of peak load	21		20:00	
Athens (ROUF) temperature at peak time (oC)	29		1	
HOURLY AVERAGE LOAD IN ATTIKI	2.108		3.429	

NOTE:

* Includes only the HV substations

** Autoproducers are included in the HV INDUSTRIAL CUSTOMERS

*** Value from SCADA SYSTEM



INDEPENDENT POWER
TRANSMISSION OPERATOR

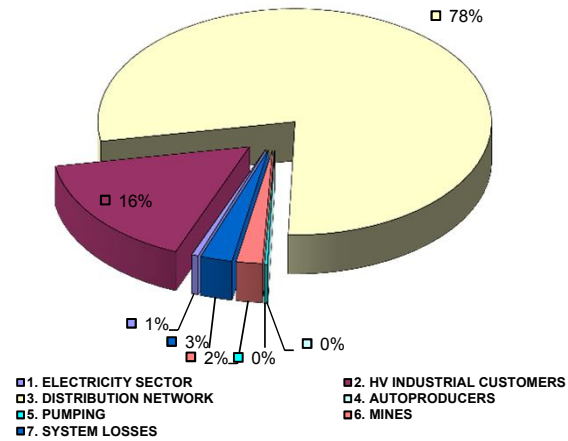
TOTAL ELECTRICITY CONSUMPTION

(MWh)

Month : #REF!

MONTHLY ELECTRICITY CONSUMPTION

TOTAL ELECTRICITY CONSUMPTION	MONTHLY TOTALS	(%)
CLASSIFICATION	3.652.094	100,00%
1. ELECTRICITY SECTOR	20.091	0,55%
2. HV INDUSTRIAL CUSTOMERS	589.480	16,14%
3. DISTRIBUTION NETWORK	2.859.685	78,30%
4. AUTOPRODUCERS	0	0,00%
5. PUMPING	8.935	0,24%
6. MINES	78.588	2,15%
7. SYSTEM LOSSES	95.316	2,61%





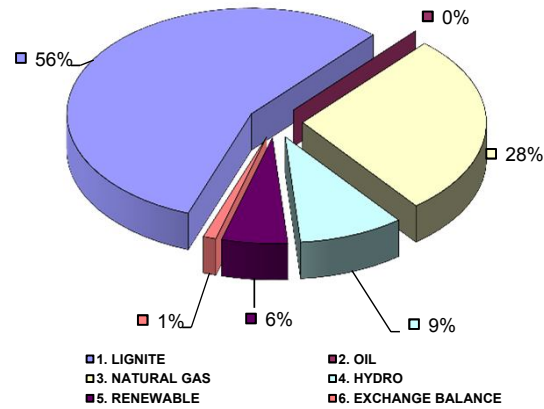
INDEPENDENT POWER
TRANSMISSION OPERATOR

MONTHLY ELECTRICITY PRODUCTION & EXCHANGE BALANCE
(MWh)

Month : #REF!

MONTHLY ELECTRICITY PRODUCTION

TOTAL PRODUCTION & INTERCONNECTIONS	MONTH TOTALS	(%)
TOT.PROD. & INTERCON.	3.652.094	100%
1. LIGNITE	2.044.934	55,99%
2. OIL	4	0,00%
3. NATURAL GAS	1.018.297	27,88%
4. HYDRO	337.062	9,23%
5. RENEWABLE	210.636	5,77%
6. EXCHANGE BALANCE	41.162	1,13%



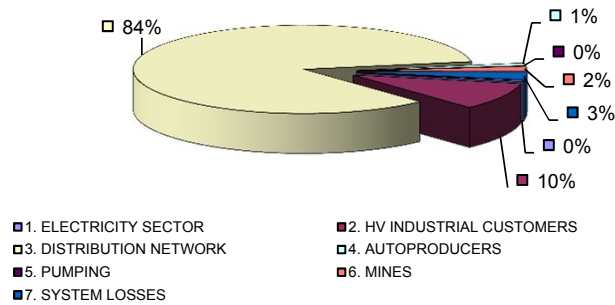


MONTHLY PEAK LOAD ANALYSIS

DAY : 20120508

ELECTRICITY CONSUMPTION DURING PEAK LOAD			
	TOTAL	6.517	100%
1. ELECTRICITY SECTOR	26		0,40%
2. HV INDUSTRIAL CUSTOMERS	647		9,92%
3. DISTRIBUTION NETWORK	5.482		84,11%
4. AUTOPRODUCERS	68		1,05%
5. PUMPING	0		0,00%
6. MINES	118		1,82%
7. SYSTEM LOSSES	176		2,70%

Electricity consumption during peak load



ELECTRICITY PRODUCTION DURING PEAK LOAD			
	TOTAL	6.517	100%
1. LIGNITE	3.230		49,56%
2. OIL	0		0,00%
3. NATURAL GAS	1.858		28,52%
4. HYDRO	1.326		20,35%
5. RENEWABLE	173		2,65%
6. OTHER SOURCES	2		0,02%
7. EXCHANGE BALANCE	-72		-1,10%

Electricity production during peak load

