



INDEPENDENT POWER TRANSMISSION  
SYSTEM OPERATOR

TRANSMISSION SYSTEM ENERGY BALANCE  
MONTHLY REPORT

Info :K. Petsinis +30 210 9466888

	APRIL 2013	COMPARED TO LAST YEAR (%)	JANUARY - APRIL 2013	COMPARED TO LAST YEAR (%)
<b>PRODUCTION AND EXCHANGE BALANCE (MWh)</b>				
<b>TOTAL PRODUCTION &amp; EXCHANGE BALANCE</b>	<b>3.277.928</b>	<b>-3,77%</b>	<b>15.371.139</b>	<b>-7,12%</b>
<b>TOTAL NET PRODUCTION</b>	<b>3.243.283</b>	<b>-2,58%</b>	<b>14.967.934</b>	<b>-6,85%</b>
<b>CLASSIFICATION</b>				
LIGNITE	1.406.228	-27,33%	6.956.910	-21,00%
OIL	22	1466,55%	56	-99,92%
NATURAL GAS	771.439	-5,68%	3.656.155	-28,63%
HYDRO	795.582	204,85%	3.095.832	206,87%
RENEWABLE AND OTHER SOURCES *	270.013	-14,33%	1.258.981	18,26%
<b>EXCHANGE BALANCE</b>	<b>34.644</b>	<b>-55,15%</b>	<b>403.206</b>	<b>-16,01%</b>
<b>IMPORTS</b>	<b>347.749</b>		<b>1.550.955</b>	
from TURKEY	3.643		189.461	
from ALBANIA	184.563		305.251	
from FYROM	103.240		567.048	
from BULGARIA	51.306		481.691	
from ITALY	4.997		7.504	
<b>EXPORTS</b>	<b>313.105</b>		<b>1.147.749</b>	
to TURKEY	44.710		74.386	
to ALBANIA	267		100.826	
to FYROM	3.829		8.055	
to BULGARIA	2.609		2.624	
to ITALY	261.690		961.858	



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	APRIL 2013	COMPARED TO LAST YEAR (%)	JANUARY - APRIL 2013	COMPARED TO LAST YEAR (%)
<b>CONSUMPTION (MWh)</b>				
<b>TOTAL CONSUMPTION</b>	<b>3.277.928</b>	<b>-3,77%</b>	<b>15.371.139</b>	<b>-7,12%</b>
<b>NET CONSUMPTION</b>	<b>3.277.606</b>	<b>-3,29%</b>	<b>15.363.240</b>	<b>-6,22%</b>
<b>PUMPING</b>	<b>322</b>		<b>7.900</b>	
<b>CLASSIFICATION</b>				
CONSUMPTION OF ELECTRICITY SECTOR	29.321		94.648	
HV INDUSTRIAL CUSTOMERS	556.486	17,72%	2.131.297	1,80%
DISTRIBUTION NETWORK	2.542.569	-6,80%	12.439.031	-7,83%
AUTOPRODUCERS **	0		0	
PUMPING	322		7.900	
MINES	75.136	0,64%	310.730	-0,47%
SYSTEM LOSSES	74.094		387.534	
<b>SYSTEM POWER (MW)</b>				
SYSTEM INSTANT PEAK LOAD	<b>6.570</b> ***		<b>8.765</b> ***	
Date of peak load	08/04/13		08/01/13	
Hour of peak load	21		20	
Athens (ROUF) temperature at peak time (oC)	16		0	
HOURLY AVERAGE LOAD IN ATTIKI	2.248		3.324	

**NOTE:**

\* Includes only the HV substations

\*\* Autoproducers are included in the HV INDUSTRIAL CUSTOMERS

\*\*\* Value from SCADA SYSTEM

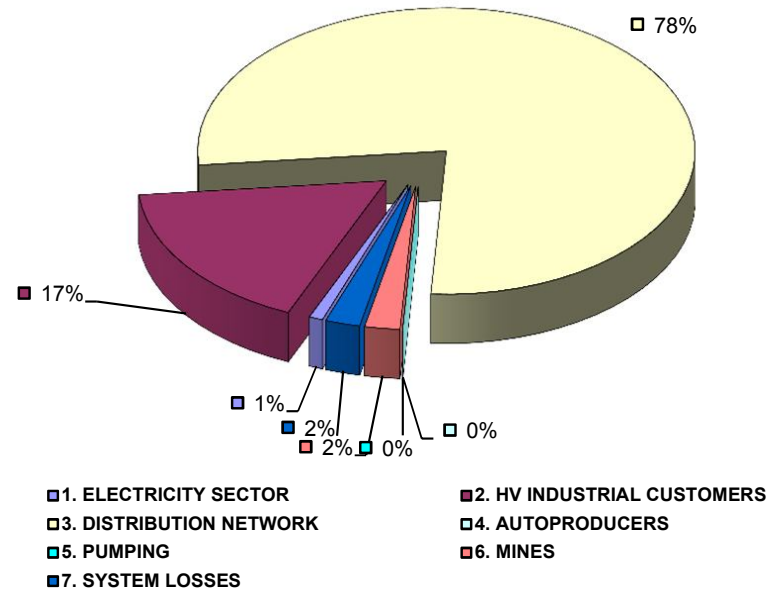


**INDEPENDENT POWER  
TRANSMISSION OPERATOR**

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

TOTAL ELECTRICITY CONSUMPTION	MONTHLY TOTALS	(%)
<b>CLASSIFICATION</b>	<b>3.277.928</b>	<b>100,00%</b>
<b>1. ELECTRICITY SECTOR</b>	<b>29.321</b>	<b>0,89%</b>
<b>2. HV INDUSTRIAL CUSTOMERS</b>	<b>556.486</b>	<b>16,98%</b>
<b>3. DISTRIBUTION NETWORK</b>	<b>2.542.569</b>	<b>77,57%</b>
<b>4. AUTOPRODUCERS</b>	<b>0</b>	<b>0,00%</b>
<b>5. PUMPING</b>	<b>322</b>	<b>0,01%</b>
<b>6. MINES</b>	<b>75.136</b>	<b>2,29%</b>
<b>7. SYSTEM LOSSES</b>	<b>74.094</b>	<b>2,26%</b>

**MONTHLY ELECTRICITY CONSUMPTION**





**INDEPENDENT POWER  
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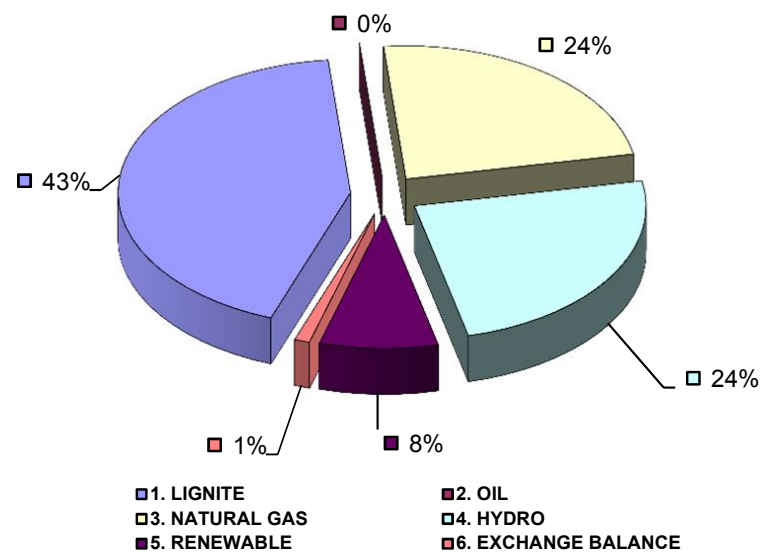
**MONTHLY ELECTRICITY PRODUCTION & EXCHANGE BALANCE**

(MWh)

Month : **APRIL 2013**

<b>TOTAL PRODUCTION &amp; INTERCONNECTIONS</b>	<b>MONTH TOTALS</b>	<b>(%)</b>
<b>TOT.PROD. &amp; INTERCON.</b>	<b>3.277.928</b>	<b>100%</b>
<b>1. LIGNITE</b>	<b>1.406.228</b>	<b>42,90%</b>
<b>2. OIL</b>	<b>22</b>	<b>0,00%</b>
<b>3. NATURAL GAS</b>	<b>771.439</b>	<b>23,53%</b>
<b>4. HYDRO</b>	<b>795.582</b>	<b>24,27%</b>
<b>5. RENEWABLE</b>	<b>270.013</b>	<b>8,24%</b>
<b>6. EXCHANGE BALANCE</b>	<b>34.644</b>	<b>1,06%</b>

**MONTHLY ELECTRICITY PRODUCTION**





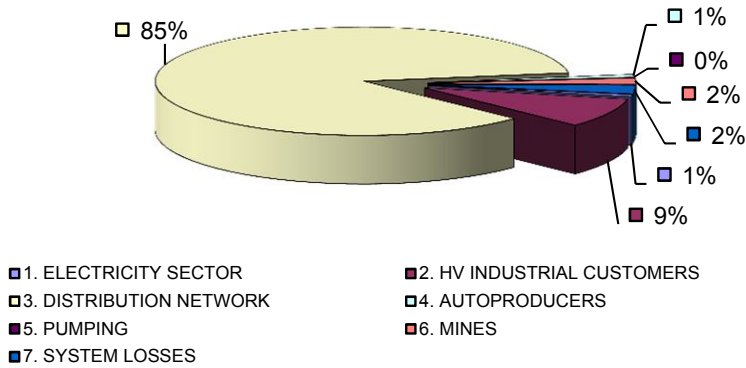
MONTHLY PEAK LOAD ANALYSIS

DAY 20130408

ELECTRICITY CONSUMPTION DURING PEAK LOAD		
TOTAL	6.516	100%
1. ELECTRICITY SECTOR	39	0,59%
2. HV INDUSTRIAL CUSTOMERS	570	8,74%
3. DISTRIBUTION NETWORK	5.566	85,42%
4. AUTOPRODUCERS	58	0,89%
5. PUMPING	0	0,00%
6. MINES	121	1,85%
7. SYSTEM LOSSES	163	2,50%

ELECTRICITY PRODUCTION DURING PEAK LOAD		
TOTAL	6.516	100%
1. LIGNITE	2.284	35,05%
2. OIL	0	0,00%
3. NATURAL GAS	1.357	20,83%
4. HYDRO	2.438	37,42%
5. RENEWABLE	345	5,29%
6. OTHER SOURCES	2	0,02%
7. EXCHANGE BALANCE	91	1,39%

Electricity consumption during peak load



Electricity production during peak load

