



INDEPENDENT POWER TRANSMISSION  
SYSTEM OPERATOR

TRANSMISSION SYSTEM ENERGY BALANCE  
MONTHLY REPORT

Info :K. Petsinis +30 210 9466888

	MARCH 2013	COMPARED TO LAST YEAR (%)	JANUARY - MARCH 2013	COMPARED TO LAST YEAR (%)
<b>PRODUCTION AND EXCHANGE BALANCE (MWh)</b>				
<b>TOTAL PRODUCTION &amp; EXCHANGE BALANCE</b>	<b>3.782.764</b>	<b>-7,69%</b>	<b>12.093.212</b>	<b>-7,99%</b>
<b>TOTAL NET PRODUCTION</b>	<b>3.750.471</b>	<b>-5,32%</b>	<b>11.724.650</b>	<b>-7,97%</b>
<b>CLASSIFICATION</b>				
LIGNITE	1.604.442	-27,19%	5.550.682	-19,22%
OIL	27	-48,57%	34	-99,95%
NATURAL GAS	764.806	-43,13%	2.884.715	-32,99%
HYDRO	1.012.019	406,73%	2.300.250	207,57%
RENEWABLE AND OTHER SOURCES *	369.176	73,11%	988.969	31,96%
<b>EXCHANGE BALANCE</b>	<b>32.293</b>	<b>-76,37%</b>	<b>368.562</b>	<b>-8,50%</b>
<b>IMPORTS</b>	<b>385.781</b>		<b>1.203.206</b>	
from TURKEY	11.766		185.818	
from ALBANIA	111.768		120.688	
from FYROM	131.091		463.808	
from BULGARIA	131.156		430.385	
from ITALY	0		2.507	
<b>EXPORTS</b>	<b>353.488</b>		<b>834.644</b>	
to TURKEY	28.847		29.676	
to ALBANIA	3.249		100.559	
to FYROM	2.419		4.226	
to BULGARIA	0		15	
to ITALY	318.973		700.168	



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<b>CONSUMPTION (MWh)</b>				
<b>TOTAL CONSUMPTION</b>	<b>3.782.764</b>	<b>-7,69%</b>	<b>12.093.212</b>	<b>-7,99%</b>
<b>NET CONSUMPTION</b>	<b>3.782.542</b>	<b>-6,99%</b>	<b>12.085.634</b>	<b>-6,98%</b>
<b>PUMPING</b>	<b>222</b>		<b>7.578</b>	
<b>CLASSIFICATION</b>				
CONSUMPTION OF ELECTRICITY SECTOR	32.186		65.327	
HV INDUSTRIAL CUSTOMERS	534.115	-5,84%	1.574.811	-2,84%
DISTRIBUTION NETWORK	3.031.085	-7,97%	9.896.462	-8,10%
AUTOPRODUCERS **	0		0	
PUMPING	222		7.578	
MINES	82.816	-1,18%	235.594	-0,82%
SYSTEM LOSSES	102.341		313.440	
<b>SYSTEM POWER (MW)</b>				
SYSTEM INSTANT PEAK LOAD	<b>7.935</b> ***		<b>8.765</b> ***	
Date of peak load	07/03/13		08/01/13	
Hour of peak load	20		20	
Athens (ROUF) temperature at peak time (oC)	10		0	
HOURLY AVERAGE LOAD IN ATTIKI	2.899		3.324	

**NOTE:**

\* Includes only the HV substations

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

\*\*\* Value from SCADA SYSTEM

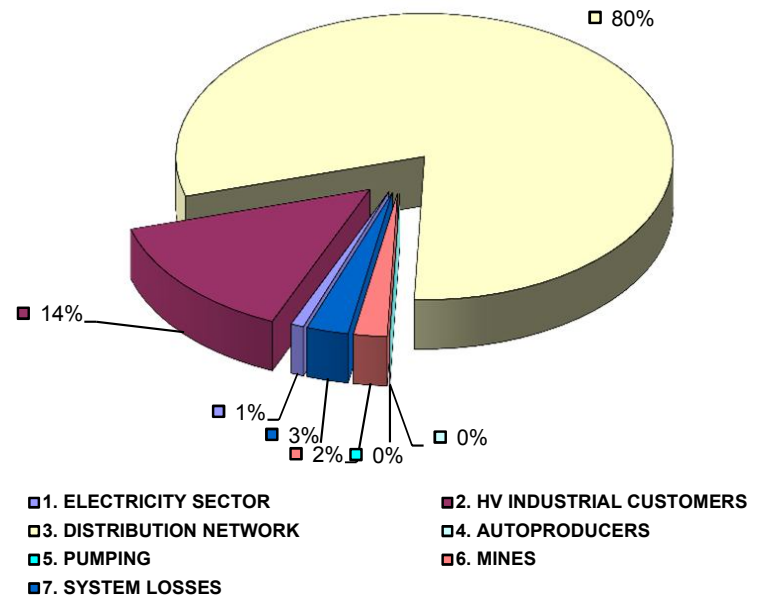


**INDEPENDENT POWER  
TRANSMISSION OPERATOR**

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

TOTAL ELECTRICITY CONSUMPTION	MONTHLY TOTALS	(%)
<b>CLASSIFICATION</b>	<b>3.782.764</b>	<b>100,00%</b>
<b>1. ELECTRICITY SECTOR</b>	<b>32.186</b>	<b>0,85%</b>
<b>2. HV INDUSTRIAL CUSTOMERS</b>	<b>534.115</b>	<b>14,12%</b>
<b>3. DISTRIBUTION NETWORK</b>	<b>3.031.085</b>	<b>80,13%</b>
<b>4. AUTOPRODUCERS</b>	<b>0</b>	<b>0,00%</b>
<b>5. PUMPING</b>	<b>222</b>	<b>0,01%</b>
<b>6. MINES</b>	<b>82.816</b>	<b>2,19%</b>
<b>7. SYSTEM LOSSES</b>	<b>102.341</b>	<b>2,71%</b>

**MONTHLY ELECTRICITY CONSUMPTION**





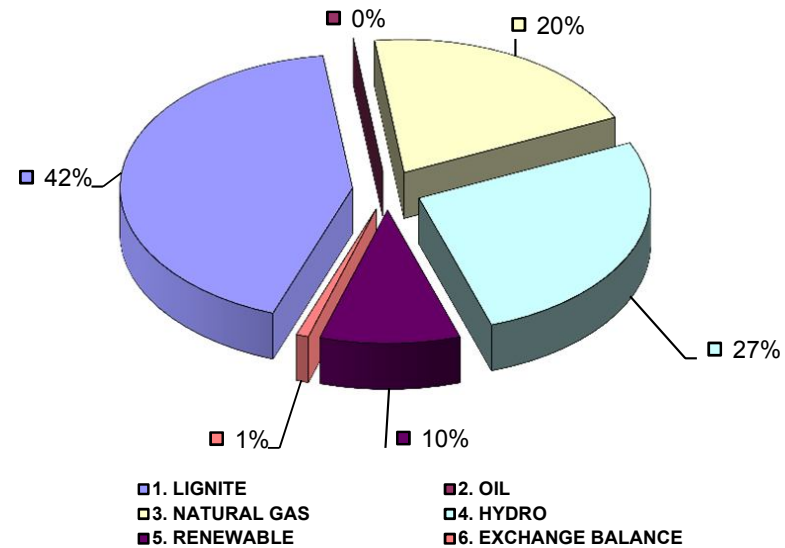
**INDEPENDENT POWER  
TRANSMISSION OPERATOR**

**MONTHLY ELECTRICITY PRODUCTION & EXCHANGE BALANCE  
(MWh)**

Month : **MARCH 2013**

<b>TOTAL PRODUCTION &amp; INTERCONNECTIONS</b>	<b>MONTH TOTALS</b>	<b>(%)</b>
<b>TOT.PROD. &amp; INTERCON.</b>	<b>3.782.764</b>	<b>100%</b>
<b>1. LIGNITE</b>	<b>1.604.442</b>	<b>42,41%</b>
<b>2. OIL</b>	<b>27</b>	<b>0,00%</b>
<b>3. NATURAL GAS</b>	<b>764.806</b>	<b>20,22%</b>
<b>4. HYDRO</b>	<b>1.012.019</b>	<b>26,75%</b>
<b>5. RENEWABLE</b>	<b>369.176</b>	<b>9,76%</b>
<b>6. EXCHANGE BALANCE</b>	<b>32.293</b>	<b>0,85%</b>

**MONTHLY ELECTRICITY PRODUCTION**





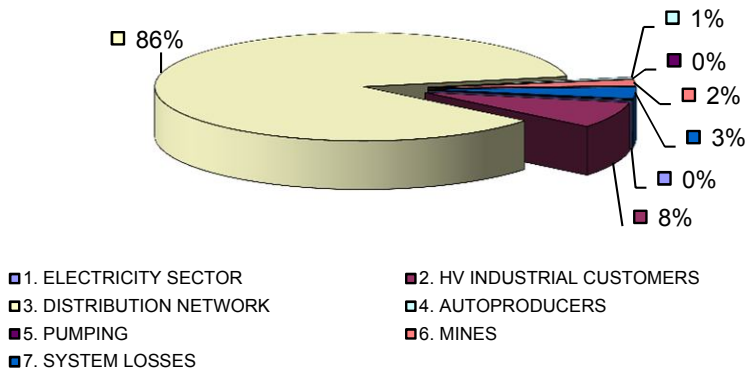
MONTHLY PEAK LOAD ANALYSIS

DAY 20130307

ELECTRICITY CONSUMPTION DURING PEAK LOAD			
	TOTAL	7.854	100%
1. ELECTRICITY SECTOR	21	0,27%	
2. HV INDUSTRIAL CUSTOMERS	611	7,77%	
3. DISTRIBUTION NETWORK	6.766	86,15%	
4. AUTOPRODUCERS	44	0,56%	
5. PUMPING	0	0,00%	
6. MINES	143	1,82%	
7. SYSTEM LOSSES	268	3,42%	

ELECTRICITY PRODUCTION DURING PEAK LOAD			
	TOTAL	7.854	100%
1. LIGNITE	3.169	40,35%	
2. OIL	0	0,00%	
3. NATURAL GAS	2.145	27,32%	
4. HYDRO	2.193	27,92%	
5. RENEWABLE	358	4,55%	
6. OTHER SOURCES	2	0,02%	
7. EXCHANGE BALANCE	-14	-0,17%	

Electricity consumption during peak load



Electricity production during peak load

