



INDEPENDENT POWER  
TRANSMISSION OPERATOR

TRANSMISSION SYSTEM ENERGY BALANCE MONTHLY  
REPORT

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	MARCH 2012	COMPARED TO LAST YEAR(%)	JANUARY - MARCH 2012	COMPARED TO LAST YEAR (%)
<b>PRODUCTION AND EXCHANGE BALANCE (MWh)</b>				
<b>TOTAL PRODUCTION &amp; EXCHANGE BALANCE</b>	<b>4,098,056</b>	<b>-5.16</b>	<b>13,142,858</b>	<b>1.69</b>
<b>TOTAL NET PRODUCTION</b>	<b>3,961,379</b>	<b>-3.54</b>	<b>12,740,045</b>	<b>4.84</b>
<b>CLASSIFICATION</b>				
LIGNITE	2,203,553	-2.48	6,871,646	-4.36
OIL	53	2550.00	66,162	30961.97
NATURAL GAS	1,344,792	0.35	4,304,920	27.13
HYDRO	199,716	-32.66	747,883	-27.21
*RENEWABLE AND OTHER SOURCES	213,265	1.20	749,434	35.44
<b>EXCHANGE BALANCE</b>	<b>136,677</b>	<b>-36.20</b>	<b>402,813</b>	<b>-47.89</b>
<b>IMPORTS</b>	<b>537,370</b>		<b>1,535,062</b>	
from TURKEY	182,144		577,142	
from ALBANIA	4,671		8,482	
from FYROM	100,826		178,345	
from BULGARIA	211,628		557,544	
from ITALY	38,101		213,549	
<b>EXPORTS</b>	<b>400,693</b>		<b>1,132,249</b>	
to TURKEY	4		98	
to ALBANIA	191,715		591,873	
to FYROM	8,011		99,870	
to BULGARIA	0		2,126	
to ITALY	200,963		438,282	

<b>CONSUMPTION (MWh)</b>						
<b>TOTAL CONSUMPTION</b>	<b>4,098,056</b>	<b>-5.16</b>	<b>13,142,858</b>	<b>1.69</b>		
<b>NET CONSUMPTION</b>	<b>4,066,626</b>	<b>-5.15</b>	<b>12,992,591</b>	<b>1.40</b>		
<b>PUMPING</b>	<b>31,430</b>		<b>150,267</b>			
<b>CLASSIFICATION</b>						
CONSUMPTION OF ELECTRICITY SECTOR	16,761		38,730			
HV INDUSTRIAL CUSTOMERS	567,226	-3.56	1,620,845	-4.23		
DISTRIBUTION NETWORK	3,293,748	-5.61	10,768,195	2.50		
** AUTOPRODUCERS	0		0			
PUMPING	31,430		150,267			
MINES	83,808	-4.30	237,537	-4.73		
SYSTEM LOSSES	105,083		327,284			
<b>SYSTEM POWER (MW)</b>						
SYSTEM INSTANT PEAK LOAD	<b>8,080</b>	<b>***</b>	<b>8,734</b>	<b>***</b>		
date / time of peak load	13/03/12	19:00	31/01/12	20:00		
Athens (ROUF) temperature at peak time (°C)	4		1			
HOURLY AVERAGE LOAD IN ATTIKI	3169		3429			

**NOTE:**

- \* Includes only the HV substations
- \*\* They are included in the HV INDUSTRIAL CUSTOMERS
- \*\*\* Value from SCADA SYSTEM

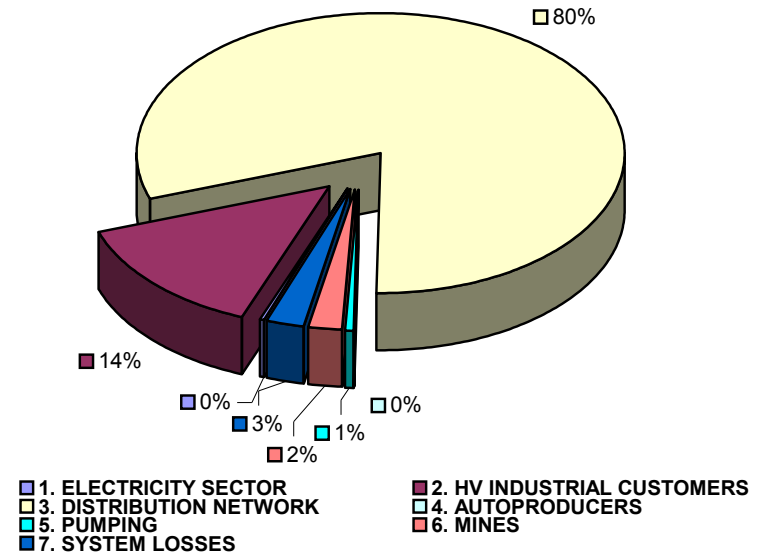


**INDEPENDENT POWER  
TRANSMISSION OPERATOR**

**TOTAL ELECTRICITY CONSUMPTION  
(MWH)  
Month : MARCH 2012**

TOTAL ELECTRICITY CONSUMPTION	MONTHLY TOTALS	(%)
<b>CLASSIFICATION</b>	<b>4,098,056</b>	<b>100.00</b>
<b>1. ELECTRICITY SECTOR</b>	<b>16,761</b>	<b>0.41</b>
<b>2. HV INDUSTRIAL CUSTOMERS</b>	<b>567,226</b>	<b>13.84</b>
<b>3. DISTRIBUTION NETWORK</b>	<b>3,293,748</b>	<b>80.37</b>
<b>4. AUTOPRODUCERS</b>	<b>0</b>	<b>0.00</b>
<b>5. PUMPING</b>	<b>31,430</b>	<b>0.77</b>
<b>6. MINES</b>	<b>83,808</b>	<b>2.05</b>
<b>7. SYSTEM LOSSES</b>	<b>105,083</b>	<b>2.56</b>

**MONTHLY ELECTRICITY CONSUMPTION**





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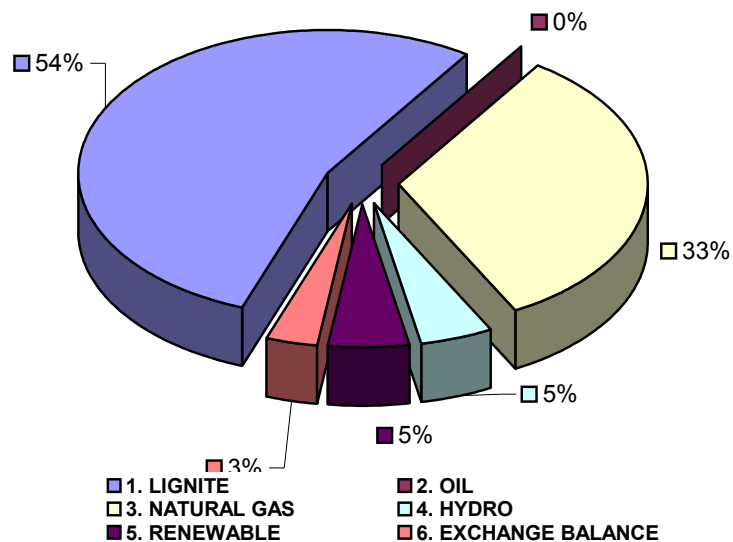
**MONTHLY ELECTRICITY PRODUCTION & EXCHANGE BALANCE**

(MWH)

Month : **MARCH 2012**

TOTAL PRODUCTION & INTERCONNECTIONS	MONTH TOTALS	(%)
<b>TOT.PROD. &amp; INTERCON.</b>	<b>4,098,056</b>	<b>100.00</b>
1. LIGNITE	2,203,553	53.77
2. OIL	53	0.00
3. NATURAL GAS	1,344,792	32.82
4. HYDRO	199,716	4.87
5. RENEWABLE	213,265	5.20
6. EXCHANGE BALANCE	136,677	3.34

**MONTHLY ELECTRICITY PRODUCTION**





**MONTHLY PEAK LOAD ANALYSIS**

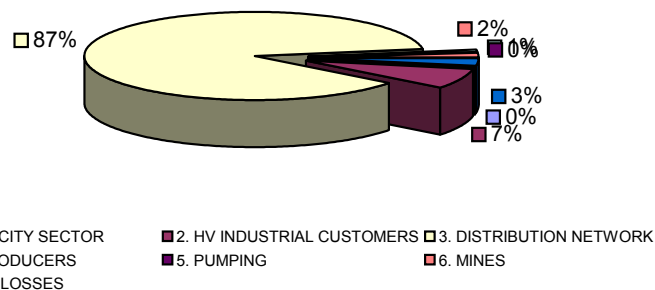
DAY : 20120313

Hourly average peak load			
MW	8080	Hour	20.00

ELECTRICITY CONSUMPTION DURING PEAK LOAD		
	TOTAL	
1. ELECTRICITY SECTOR	23	0.28
2. HV INDUSTRIAL CUSTOMERS	601	7.44
3. DISTRIBUTION NETWORK	7035	87.07
4. AUTOPRODUCERS	57	0.71
5. PUMPING	0	0.00
6. MINES	138	1.71
7. SYSTEM LOSSES	226	2.80

ELECTRICITY PRODUCTION DURING PEAK LOAD		
	TOTAL	
1. LIGNITE	3137	38.82
2. OIL	0	0.00
3. NATURAL GAS	2767	34.25
4. HYDRO	1688	20.89
5. RENEWABLE	631	7.81
6. OTHER SOURCES	2	0.02
7. EXCHANGE BALANCE	-145	-1.79

Electricity consumption during peak load



Electricity production during peak load

