



INDEPENDENT POWER  
TRANSMISSION OPERATOR

TRANSMISSION SYSTEM ENERGY BALANCE MONTHLY  
REPORT

Info :A. Dagoumas +30 210 9466810

	JANUARY 2012	COMPARED TO LAST YEAR(%)	JANUARY - JANUARY 2012	COMPARED TO LAST YEAR (%)
<b>PRODUCTION AND EXCHANGE BALANCE (MWh)</b>				
<b>TOTAL PRODUCTION &amp; EXCHANGE BALANCE</b>	<b>4,687,380</b>	<b>3.89</b>	<b>4,687,380</b>	<b>3.89</b>
<b>TOTAL NET PRODUCTION</b>	<b>4,527,436</b>	<b>5.73</b>	<b>4,527,436</b>	<b>5.73</b>
<b>CLASSIFICATION</b>				
LIGNITE	2,529,297	-2.62	2,529,297	-2.62
OIL	0	-100.00	0	-100.00
NATURAL GAS	1,473,186	35.74	1,473,186	35.74
HYDRO	228,626	-49.60	228,626	-49.60
*RENEWABLE AND OTHER SOURCES	296,327	103.31	296,327	103.31
<b>EXCHANGE BALANCE</b>	<b>159,944</b>	<b>-30.38</b>	<b>159,944</b>	<b>-30.38</b>
<b>IMPORTS</b>	<b>534,926</b>		<b>534,926</b>	
from TURKEY	228,232		228,232	
from ALBANIA	13		13	
from FYROM	55,968		55,968	
from BULGARIA	207,037		207,037	
from ITALY	43,676		43,676	
<b>EXPORTS</b>	<b>374,982</b>		<b>374,982</b>	
to TURKEY	2		2	
to ALBANIA	180,227		180,227	
to FYROM	24,470		24,470	
to BULGARIA	11		11	
to ITALY	170,272		170,272	

CONSUMPTION (MWh)				
TOTAL CONSUMPTION	4,687,380	3.89	4,687,380	3.89
NET CONSUMPTION	4,637,052	3.58	4,637,052	3.58
PUMPING	50,328		50,328	
<b>CLASSIFICATION</b>				
CONSUMPTION OF ELECTRICITY SECTOR	9,648		9,648	
HV INDUSTRIAL CUSTOMERS	545,374	-5.52	545,374	-5.52
DISTRIBUTION NETWORK	3,885,031	5.31	3,885,031	5.31
** AUTOPRODUCERS	0		0	
PUMPING	50,328		50,328	
MINES	79,600	-2.46	79,600	-2.46
SYSTEM LOSSES	117,399		117,399	

SYSTEM POWER (MW)				
SYSTEM INSTANT PEAK LOAD	8,734	***	8,734	***
date / time of peak load	31/01/12	20:00	31/01/12	20:00
Athens (ROUF) temperature at peak time (°C)	1		1	
HOURLY AVERAGE LOAD IN ATTIKI	3429		3429	

**NOTE:**

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

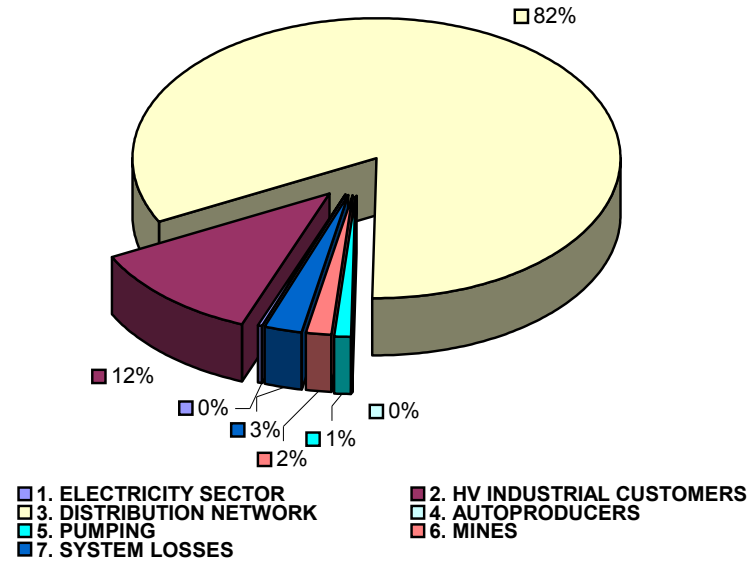


**INDEPENDENT POWER  
TRANSMISSION OPERATOR**

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

TOTAL ELECTRICITY CONSUMPTION	MONTHLY TOTALS	(%)
<b>CLASSIFICATION</b>	<b>4,687,380</b>	<b>100.00</b>
<b>1. ELECTRICITY SECTOR</b>	<b>9,648</b>	<b>0.21</b>
<b>2. HV INDUSTRIAL CUSTOMERS</b>	<b>545,374</b>	<b>11.63</b>
<b>3. DISTRIBUTION NETWORK</b>	<b>3,885,031</b>	<b>82.88</b>
<b>4. AUTOPRODUCERS</b>	<b>0</b>	<b>0.00</b>
<b>5. PUMPING</b>	<b>50,328</b>	<b>1.07</b>
<b>6. MINES</b>	<b>79,600</b>	<b>1.70</b>
<b>7. SYSTEM LOSSES</b>	<b>117,399</b>	<b>2.50</b>

**MONTHLY ELECTRICITY CONSUMPTION**





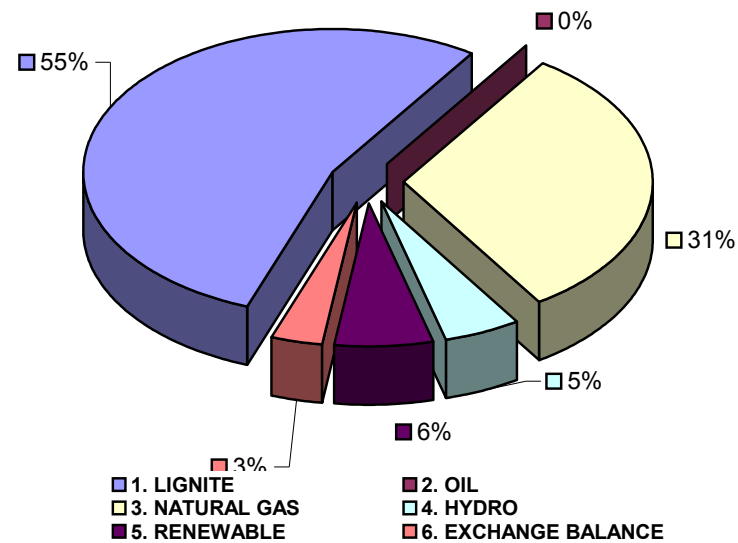
**INDEPENDENT POWER  
TRANSMISSION OPERATOR**

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

Month : **JANUARY 2012**

<b>TOTAL PRODUCTION &amp; INTERCONNECTIONS</b>	<b>MONTH TOTALS</b>	<b>(%)</b>
<b>TOT.PROD. &amp; INTERCON.</b>	<b>4,687,380</b>	<b>100.00</b>
<b>1. LIGNITE</b>	<b>2,529,297</b>	<b>53.96</b>
<b>2. OIL</b>	<b>0</b>	<b>0.00</b>
<b>3. NATURAL GAS</b>	<b>1,473,186</b>	<b>31.43</b>
<b>4. HYDRO</b>	<b>228,626</b>	<b>4.88</b>
<b>5. RENEWABLE</b>	<b>296,327</b>	<b>6.32</b>
<b>6. EXCHANGE BALANCE</b>	<b>159,944</b>	<b>3.41</b>

**MONTHLY ELECTRICITY PRODUCTION**





**MONTHLY PEAK LOAD ANALYSIS**

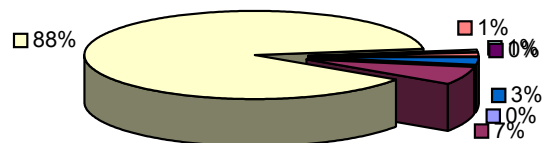
DAY : 20120131

<i>Hourly average peak load</i>			
<b>MW</b>	<b>8734</b>	<b>Hour</b>	<b>20.00</b>

<b>ELECTRICITY CONSUMPTION DURING PEAK LOAD</b>		
	<b>TOTAL</b>	
	<b>8734</b>	<b>100.00</b>
1. ELECTRICITY SECTOR	8	0.09
2. HV INDUSTRIAL CUSTOMERS	578	6.62
3. DISTRIBUTION NETWORK	7722	88.41
4. AUTOPRODUCERS	59	0.68
5. PUMPING	0	0.00
6. MINES	129	1.48
7. SYSTEM LOSSES	238	2.72

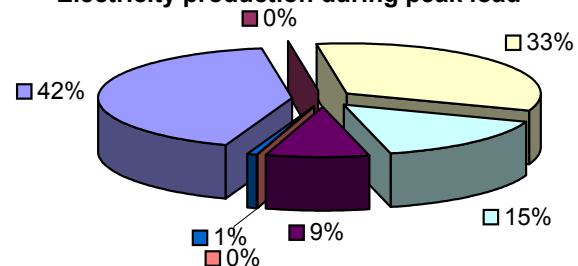
<b>ELECTRICITY PRODUCTION DURING PEAK LOAD</b>		
	<b>TOTAL</b>	
	<b>8734</b>	<b>100.00</b>
1. LIGNITE	3653	41.83
2. OIL	0	0.00
3. NATURAL GAS	2907	33.28
4. HYDRO	1350	15.46
5. RENEWABLE	754	8.63
6. OTHER SOURCES	2	0.02
7. EXCHANGE BALANCE	68	0.78

**Electricity consumption during peak load**



- 1. ELECTRICITY SECTOR
- 2. HV INDUSTRIAL CUSTOMERS
- 3. DISTRIBUTION NETWORK
- 4. AUTOPRODUCERS
- 5. PUMPING
- 6. MINES
- 7. SYSTEM LOSSES

**Electricity production during peak load**



- 1. LIGNITE
- 2. OIL
- 3. NATURAL GAS
- 4. HYDRO
- 5. RENEWABLE
- 6. OTHER SOURCES
- 7. EXCHANGE BALANCE