



HELLENIC TRANSMISSION  
SYSTEM OPERATOR

TRANSMISSION SYSTEM ENERGY BALANCE MONTHLY  
REPORT

Info :A. Dagoumas +30 210 9466810

	APRIL 2011.	COMPARED TO LAST YEAR(%)	JANUARY - APRIL 2011	COMPARED TO LAST YEAR (%)
<b>PRODUCTION AND EXCHANGE BALANCE (MWh)</b>				
<b>TOTAL PRODUCTION &amp; EXCHANGE BALANCE</b>	<b>3,743,228</b>	<b>-1.42</b>	<b>16,668,221</b>	<b>0.76</b>
<b>TOTAL NET PRODUCTION</b>	<b>3,471,335</b>	<b>9.77</b>	<b>15,623,302</b>	<b>5.15</b>
<b>CLASSIFICATION</b>				
LIGNITE	1,856,072	-6.89	9,040,687	8.15
OIL	48	-4.00	261	-99.61
NATURAL GAS	1,146,287	66.74	4,532,651	63.95
HYDRO	232,428	-24.75	1,259,889	-56.40
*RENEWABLE AND OTHER SOURCES	236,500	37.02	789,814	1.69
<b>EXCHANGE BALANCE</b>	<b>271,893</b>	<b>-57.16</b>	<b>1,044,919</b>	<b>-38.00</b>
<b>IMPORTS</b>	<b>562,874</b>		<b>2,438,722</b>	
from TURKEY	201,026		807,900	
from ALBANIA	3		3,234	
from FYROM	134,091		670,962	
from BULGARIA	227,296		947,721	
from ITALY	458		8,905	
<b>EXPORTS</b>	<b>290,981</b>		<b>1,393,803</b>	
to TURKEY	2		4	
to ALBANIA	191,975		558,391	
to FYROM	3,486		4,098	
to BULGARIA	0		0	
to ITALY	95,518		831,310	

CONSUMPTION (MWh)				
TOTAL CONSUMPTION	3,743,228	-1.42	16,668,221	0.76
NET CONSUMPTION	3,724,944	-1.73	16,538,667	0.08
PUMPING	18,284		129,554	
<b>CLASSIFICATION</b>				
CONSUMPTION OF ELECTRICITY SECTOR	20,456		58,617	
HV INDUSTRIAL CUSTOMERS	508,633	-0.35	2,201,068	9.14
DISTRIBUTION NETWORK	3,029,912	-1.56	13,535,191	-0.93
** AUTOPRODUCERS	0		0	
PUMPING	18,284		129,554	
MINES	79,247	-2.14	328,582	2.74
SYSTEM LOSSES	86,696		415,209	

SYSTEM POWER (MW)				
SYSTEM INSTANT PEAK LOAD	7,202	***	8,359	***
date / time of peak load	18/04/11	21:00	03/03/11	20:00
Athens (ROUF) temperature at peak time (°C)	11		3	
HOURLY AVERAGE LOAD IN ATTIKI	2575		3242	

**NOTE:**

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

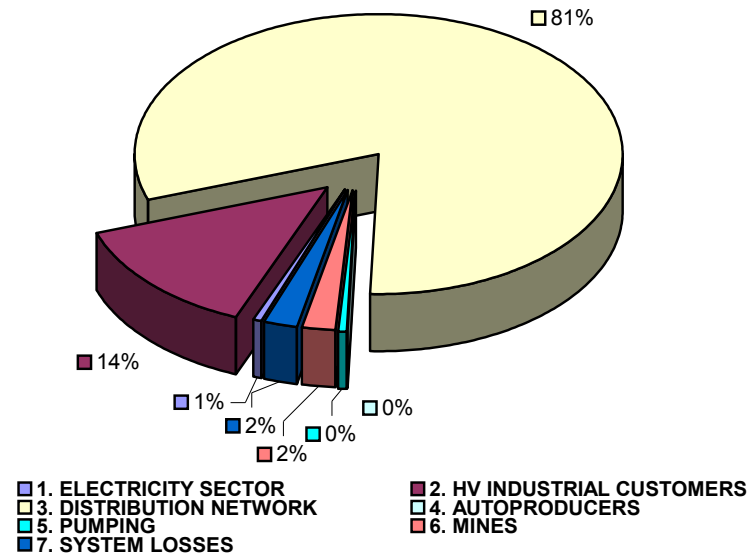


HELLENIC TRANSMISSION  
SYSTEM OPERATOR

**TOTAL ELECTRICITY CONSUMPTION**  
(MWH)  
Month : **APRIL 2011.**

TOTAL ELECTRICITY CONSUMPTION	MONTHLY TOTALS	(%)
<b>CLASSIFICATION</b>	<b>3,743,228</b>	<b>100.00</b>
<b>1. ELECTRICITY SECTOR</b>	<b>20,456</b>	<b>0.55</b>
<b>2. HV INDUSTRIAL CUSTOMERS</b>	<b>508,633</b>	<b>13.59</b>
<b>3. DISTRIBUTION NETWORK</b>	<b>3,029,912</b>	<b>80.94</b>
<b>4. AUTOPRODUCERS</b>	<b>0</b>	<b>0.00</b>
<b>5. PUMPING</b>	<b>18,284</b>	<b>0.49</b>
<b>6. MINES</b>	<b>79,247</b>	<b>2.12</b>
<b>7. SYSTEM LOSSES</b>	<b>86,696</b>	<b>2.32</b>

**MONTHLY ELECTRICITY CONSUMPTION**



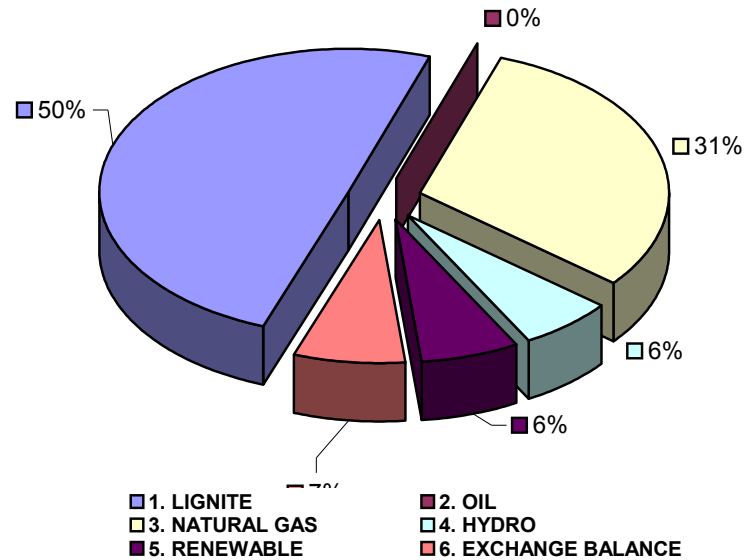


MONTHLY ELECTRICITY PRODUCTION & EXCHANGE BALANCE  
(MWH)

Month : APRIL 2011.

TOTAL PRODUCTION & INTERCONNECTIONS	MONTH TOTALS	(%)
<b>TOT.PROD. &amp; INTERCON.</b>	<b>3,743,228</b>	<b>100.00</b>
1. LIGNITE	1,856,072	49.58
2. OIL	48	0.00
3. NATURAL GAS	1,146,287	30.62
4. HYDRO	232,428	6.21
5. RENEWABLE	236,500	6.32
6. EXCHANGE BALANCE	271,893	7.26

MONTHLY ELECTRICITY PRODUCTION





**MONTHLY PEAK LOAD ANALYSIS**

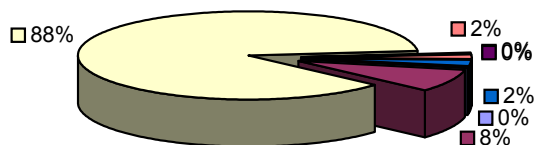
DAY : 20110418

Hourly average peak load			
MW	7041	Hour	21.00

ELECTRICITY CONSUMPTION DURING PEAK LOAD		
	TOTAL	
1. ELECTRICITY SECTOR	34	0.48
2. HV INDUSTRIAL CUSTOMERS	583	8.28
3. DISTRIBUTION NETWORK	6120	86.92
4. AUTOPRODUCERS	31	0.44
5. PUMPING	0	0.00
6. MINES	116	1.65
7. SYSTEM LOSSES	157	2.23

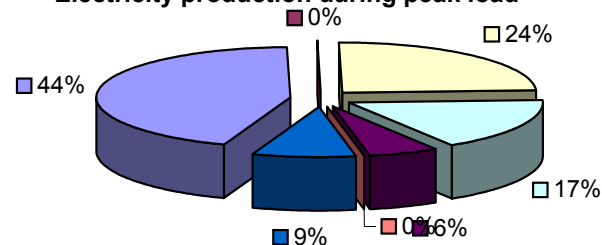
ELECTRICITY PRODUCTION DURING PEAK LOAD		
	TOTAL	
1. LIGNITE	3117	44.27
2. OIL	0	0.00
3. NATURAL GAS	1708	24.26
4. HYDRO	1193	16.94
5. RENEWABLE	408	5.79
6. OTHER SOURCES	2	0.03
7. EXCHANGE BALANCE	613	8.71

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