



HELLENIC TRANSMISSION  
SYSTEM OPERATOR

TRANSMISSION SYSTEM ENERGY BALANCE MONTHLY  
REPORT

Info :A. Dagoumas +30 210 9466810

	NOVEMBER 2011	COMPARED TO LAST YEAR(%)	JANUARY - NOVEMBER 2011	COMPARED TO LAST YEAR (%)
<b>PRODUCTION AND EXCHANGE BALANCE (MWh)</b>				
<b>TOTAL PRODUCTION &amp; EXCHANGE BALANCE</b>	<b>4,296,129</b>	<b>8.42</b>	<b>47,402,622</b>	<b>-1.09</b>
<b>TOTAL NET PRODUCTION</b>	<b>4,091,038</b>	<b>13.02</b>	<b>44,439,578</b>	<b>4.70</b>
<b>CLASSIFICATION</b>				
LIGNITE	2,390,882	21.85	25,080,450	-1.10
OIL	8	0.00	8,584	-92.42
NATURAL GAS	1,253,727	61.48	13,655,751	45.03
HYDRO	212,938	-67.77	3,432,465	-40.41
*RENEWABLE AND OTHER SOURCES	233,483	5.90	2,262,326	26.00
<b>EXCHANGE BALANCE</b>	<b>205,091</b>	<b>-40.16</b>	<b>2,963,044</b>	<b>-45.96</b>
<b>IMPORTS</b>	<b>601,452</b>		<b>6,555,529</b>	
****from TURKEY	268,045		2,356,456	
from ALBANIA	0		3,391	
from FYROM	22,751		1,444,603	
from BULGARIA	225,355		2,585,555	
from ITALY	85,301		165,524	
<b>EXPORTS</b>	<b>396,361</b>		<b>3,592,486</b>	
****to TURKEY	1		176	
to ALBANIA	225,731		1,891,315	
to FYROM	35,136		86,251	
to BULGARIA	0		0	
to ITALY	135,493		1,614,744	

CONSUMPTION (MWh)				
TOTAL CONSUMPTION	4,296,128	8.42	47,402,621	-1.09
NET CONSUMPTION	4,250,331	7.27	47,098,142	-1.66
PUMPING	45,797		304,478	
<b>CLASSIFICATION</b>				
CONSUMPTION OF ELECTRICITY SECTOR	14,541		175,523	
HV INDUSTRIAL CUSTOMERS	538,286	-3.62	6,109,857	4.88
DISTRIBUTION NETWORK	3,502,608	9.31	38,754,570	-2.19
** AUTOPRODUCERS	0		0	
PUMPING	45,797		304,478	
MINES	82,159	8.43	887,526	1.29
SYSTEM LOSSES	112,737		1,170,668	

SYSTEM POWER (MW)				
SYSTEM INSTANT PEAK LOAD	8,034	***	10,055	***
date / time of peak load	15/11/11	19:00	20/07/11	14:00
Athens (ROUF) temperature at peak time (°C)	10		38	
HOURLY AVERAGE LOAD IN ATTIKI	2972		3449	

**NOTE:**

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



HELLENIC TRANSMISSION  
SYSTEM OPERATOR

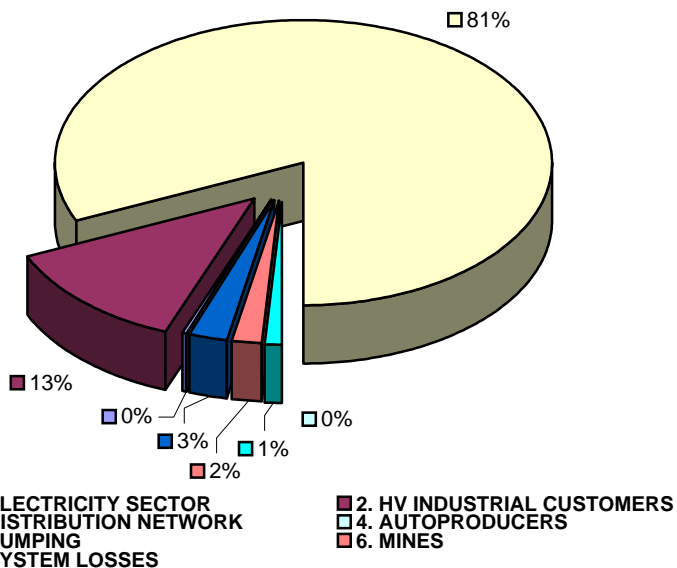
**TOTAL ELECTRICITY CONSUMPTION**

(MWH)

Month : **NOVEMBER 2011**

**MONTHLY ELECTRICITY CONSUMPTION**

TOTAL ELECTRICITY CONSUMPTION	MONTHLY TOTALS	(%)
<b>CLASSIFICATION</b>	<b>4,296,128</b>	<b>100.00</b>
<b>1. ELECTRICITY SECTOR</b>	<b>14,541</b>	<b>0.34</b>
<b>2. HV INDUSTRIAL CUSTOMERS</b>	<b>538,286</b>	<b>12.53</b>
<b>3. DISTRIBUTION NETWORK</b>	<b>3,502,608</b>	<b>81.53</b>
<b>4. AUTOPRODUCERS</b>	<b>0</b>	<b>0.00</b>
<b>5. PUMPING</b>	<b>45,797</b>	<b>1.07</b>
<b>6. MINES</b>	<b>82,159</b>	<b>1.91</b>
<b>7. SYSTEM LOSSES</b>	<b>112,737</b>	<b>2.62</b>



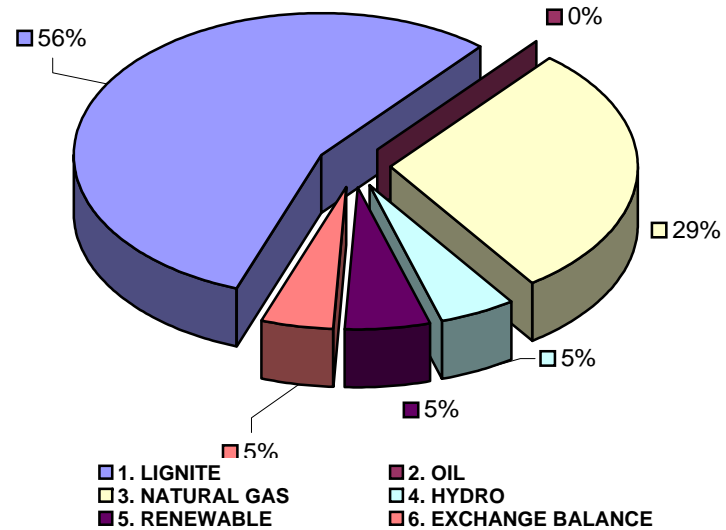


MONTHLY ELECTRICITY PRODUCTION & EXCHANGE BALANCE  
(MWH)

Month : NOVEMBER 2011

TOTAL PRODUCTION & INTERCONNECTIONS	MONTH TOTALS	(%)
<b>TOT.PROD. &amp; INTERCON.</b>	<b>4,296,129</b>	<b>100.00</b>
1. LIGNITE	2,390,882	55.65
2. OIL	8	0.00
3. NATURAL GAS	1,253,727	29.18
4. HYDRO	212,938	4.96
5. RENEWABLE	233,483	5.43
6. EXCHANGE BALANCE	205,091	4.77

MONTHLY ELECTRICITY PRODUCTION





MONTHLY PEAK LOAD ANALYSIS

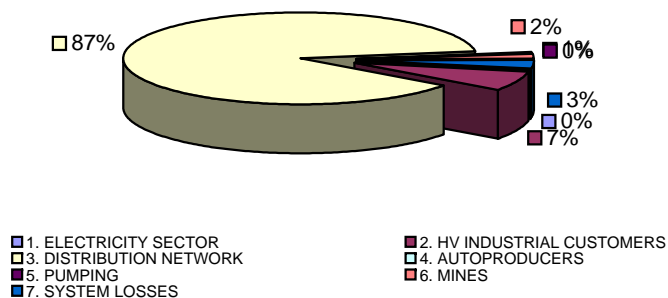
DAY : 20111115

Hourly average peak load			
MW	7965	Hour	19.00

ELECTRICITY CONSUMPTION DURING PEAK LOAD		
TOTAL	7965	100.00
1. ELECTRICITY SECTOR	20	0.25
2. HV INDUSTRIAL CUSTOMERS	561	7.04
3. DISTRIBUTION NETWORK	6958	87.36
4. AUTOPRODUCERS	52	0.65
5. PUMPING	0	0.00
6. MINES	132	1.66
7. SYSTEM LOSSES	242	3.04

ELECTRICITY PRODUCTION DURING PEAK LOAD		
TOTAL	7965	100.00
1. LIGNITE	3581	44.96
2. OIL	0	0.00
3. NATURAL GAS	2180	27.37
4. HYDRO	1527	19.17
5. RENEWABLE	487	6.11
6. OTHER SOURCES	2	0.03
7. EXCHANGE BALANCE	188	2.36

Electricity consumption during peak load



Electricity production during peak load

