



TRANSMISSION SYSTEM ENERGY BALANCE MONTHLY  
REPORT

Info :A. Grassou +30 210 9466905

	JANUARY 2011	COMPARED TO LAST YEAR(%)	JANUARY - JANUARY 2011	COMPARED TO LAST YEAR (%)
<b>PRODUCTION AND EXCHANGE BALANCE (MWh)</b>				
<b>TOTAL PRODUCTION &amp; EXCHANGE BALANCE</b>	<b>4.511.824</b>	<b>-0,92</b>	<b>4.511.824</b>	<b>-0,92</b>
<b>TOTAL NET PRODUCTION</b>	<b>4.282.099</b>	<b>-1,82</b>	<b>4.282.099</b>	<b>-1,82</b>
<b>CLASSIFICATION</b>				
LIGNITE	2.597.297	-1,29	2.597.297	-1,29
OIL	116	-99,67	116	-99,67
NATURAL GAS	1.085.279	48,30	1.085.279	48,30
HYDRO	453.654	-38,34	453.654	-38,34
*RENEWABLE AND OTHER SOURCES	145.753	-36,01	145.753	-36,01
<b>EXCHANGE BALANCE</b>	<b>229.725</b>	<b>19,52</b>	<b>229.725</b>	<b>19,52</b>
<b>IMPORTS</b>	<b>581.070</b>		<b>581.070</b>	
****from TURKEY	189.911		189.911	
from ALBANIA	3.212		3.212	
from FYROM	152.634		152.634	
from BULGARIA	230.307		230.307	
from ITALY	5.006		5.006	
<b>EXPORTS</b>	<b>351.345</b>		<b>351.345</b>	
****to TURKEY	2		2	
to ALBANIA	62.622		62.622	
to FYROM	233		233	
to BULGARIA	0		0	
to ITALY	288.488		288.488	

CONSUMPTION (MWh)						
TOTAL CONSUMPTION	4.511.824		-0,92	4.511.824		-0,92
NET CONSUMPTION	4.476.731		-1,50	4.476.731		-1,50
PUMPING	35.093			35.093		
<b>CLASSIFICATION</b>						
CONSUMPTION OF ELECTRICITY SECTOR	11.315			11.315		
HV INDUSTRIAL CUSTOMERS	577.235		12,81	577.235		12,81
DISTRIBUTION NETWORK	3.689.287		-2,84	3.689.287		-2,84
** AUTOPRODUCERS	0			0		
PUMPING	35.093			35.093		
MINES	81.609		-10,66	81.609		-10,66
SYSTEM LOSSES	117.285			117.285		
SYSTEM POWER (MW)						
SYSTEM INSTANT PEAK LOAD	8.137 ***			8.137 ***		
date / time of peak load	25/01/11	20:00		25/01/11	20:00	
Athens (ROUF) temperature at peak time (°C)	10			10		
HOURLY AVERAGE LOAD IN ATTIKI	3032			3032		

**NOTE:**

\* Includes only the HV substations

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

\*\*\* Value from SCADA SYSTEM

\*\*\*\*The imports/exports on Greece - Turkey interconnection concern physical flows through this tie-line that do not correspond to this neighbouring country. The Turkish System started a parallel operation to the European System on 18.9.2010 and the interconnection is currently running a testing period. During this period no imports/exports take place.



HELLENIC TRANSMISSION  
SYSTEM OPERATOR

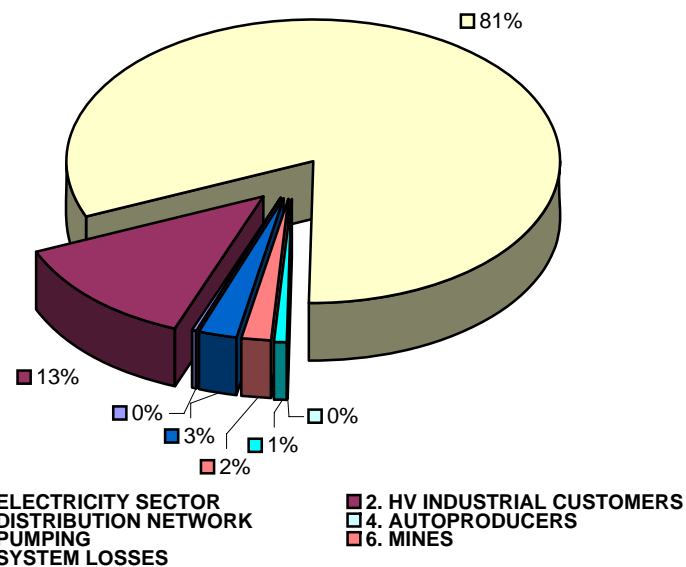
### TOTAL ELECTRICITY CONSUMPTION

(MWH)

Month : JANUARY 2011

TOTAL ELECTRICITY CONSUMPTION	MONTHLY TOTALS	(%)
<b>CLASSIFICATION</b>	<b>4.511.824</b>	<b>100,00</b>
<b>1. ELECTRICITY SECTOR</b>	11.315	0,25
<b>2. HV INDUSTRIAL CUSTOMERS</b>	577.235	12,79
<b>3. DISTRIBUTION NETWORK</b>	3.689.287	81,77
<b>4. AUTOPRODUCERS</b>	0	0,00
<b>5. PUMPING</b>	35.093	0,78
<b>6. MINES</b>	81.609	1,81
<b>7. SYSTEM LOSSES</b>	117.285	2,60

### MONTHLY ELECTRICITY CONSUMPTION



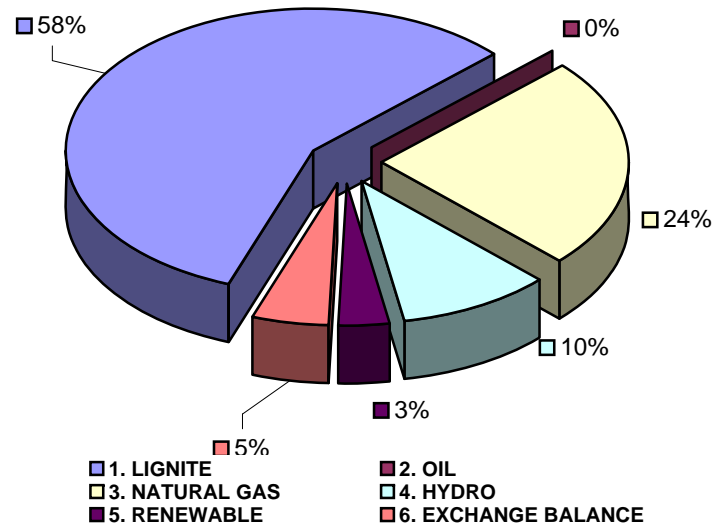


MONTHLY ELECTRICITY PRODUCTION & EXCHANGE BALANCE  
(MWH)

Month : JANUARY 2011

TOTAL PRODUCTION & INTERCONNECTIONS	MONTH TOTALS	(%)
<b>TOT.PROD. &amp; INTERCON.</b>	<b>4.511.824</b>	<b>100,00</b>
1. LIGNITE	2.597.297	57,57
2. OIL	116	0,00
3. NATURAL GAS	1.085.279	24,05
4. HYDRO	453.654	10,05
5. RENEWABLE	145.753	3,23
6. EXCHANGE BALANCE	229.725	5,09

MONTHLY ELECTRICITY PRODUCTION





MONTHLY PEAK LOAD ANALYSIS

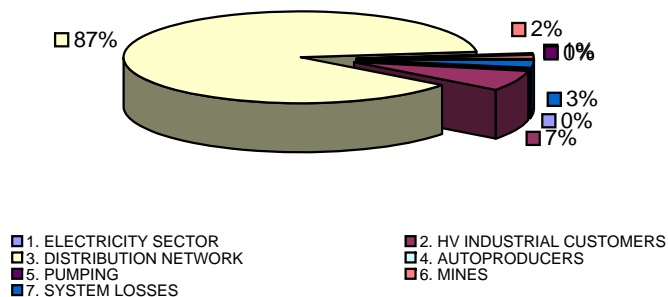
DAY : 20110125

Hourly average peak load			
MW	8027	Hour	20,00

ELECTRICITY CONSUMPTION DURING PEAK LOAD		
TOTAL	8027	100,00
1. ELECTRICITY SECTOR	16	0,20
2. HV INDUSTRIAL CUSTOMERS	578	7,20
3. DISTRIBUTION NETWORK	7047	87,79
4. AUTOPRODUCERS	49	0,61
5. PUMPING	0	0,00
6. MINES	122	1,52
7. SYSTEM LOSSES	215	2,68

ELECTRICITY PRODUCTION DURING PEAK LOAD		
TOTAL	8027	100,00
1. LIGNITE	3309	41,22
2. OIL	0	0,00
3. NATURAL GAS	2345	29,21
4. HYDRO	1807	22,51
5. RENEWABLE	256	3,19
6. OTHER SOURCES	1	0,01
7. EXCHANGE BALANCE	309	3,85

Electricity consumption during peak load



Electricity production during peak load

