



TRANSMISSION SYSTEM ENERGY BALANCE MONTHLY  
REPORT

Info :A. Grassou +30 210 9466905

	JANUARY 2010	COMPARED TO LAST YEAR(%)	JANUARY - JANUARY 2010	COMPARED TO LAST YEAR (%)
<b>PRODUCTION AND EXCHANGE BALANCE (MWh)</b>				
<b>TOTAL PRODUCTION &amp; EXCHANGE BALANCE</b>	<b>4.553.886</b>	<b>-2,01</b>	<b>4.553.886</b>	<b>-2,01</b>
<b>TOTAL NET PRODUCTION</b>	<b>4.361.681</b>	<b>-0,04</b>	<b>4.361.681</b>	<b>-0,04</b>
<b>CLASSIFICATION</b>				
LIGNITE	2.631.273	-5,82	2.631.273	-5,82
OIL	35.088	-90,92	35.088	-90,92
NATURAL GAS	731.826	2,29	731.826	2,29
HYDRO	735.706	161,99	735.706	161,99
*RENEWABLE AND OTHER SOURCES	227.788	22,05	227.788	22,05
<b>EXCHANGE BALANCE</b>	<b>192.205</b>	<b>-32,29</b>	<b>192.205</b>	<b>-32,29</b>
<b>IMPORTS</b>	<b>523.955</b>		<b>523.955</b>	
from TURKEY	0		0	
from ALBANIA	21.658		21.658	
from FYROM	285.816		285.816	
from BULGARIA	214.470		214.470	
from ITALY	2.011		2.011	
<b>EXPORTS</b>	<b>331.750</b>		<b>331.750</b>	
to TURKEY	0		0	
to ALBANIA	19.150		19.150	
to FYROM	0		0	
to BULGARIA	0		0	
to ITALY	312.600		312.600	

<b>CONSUMPTION (MWh)</b>						
<b>TOTAL CONSUMPTION</b>		<b>4.553.886</b>	<b>-2,01</b>	<b>4.553.886</b>	<b>-2,01</b>	
<b>NET CONSUMPTION</b>		<b>4.545.024</b>	<b>-0,42</b>	<b>4.545.024</b>	<b>-0,42</b>	
<b>PUMPING</b>		<b>8.862</b>		<b>8.862</b>		
<b>CLASSIFICATION</b>						
CONSUMPTION OF ELECTRICITY SECTOR		11.743		11.743		
HV INDUSTRIAL CUSTOMERS		511.690	0,94	511.690	0,94	
DISTRIBUTION NETWORK		3.797.086	-0,88	3.797.086	-0,88	
** AUTOPRODUCERS		0		0		
PUMPING		8.862		8.862		
MINES		91.346	17,13	91.346	17,13	
SYSTEM LOSSES		133.159		133.159		
<b>SYSTEM POWER (MW)</b>						
SYSTEM INSTANT PEAK LOAD		<b>8.758</b> ***		<b>8.758</b> ***		
date / time of peak load	27/01/10	13:00		27/01/10	13:00	
Athens (ROUF) temperature at peak time (°C)	7			7		
HOURLY AVERAGE LOAD IN ATTIKI	3425			3425		

**NOTE:**

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



HELLENIC TRANSMISSION  
SYSTEM OPERATOR

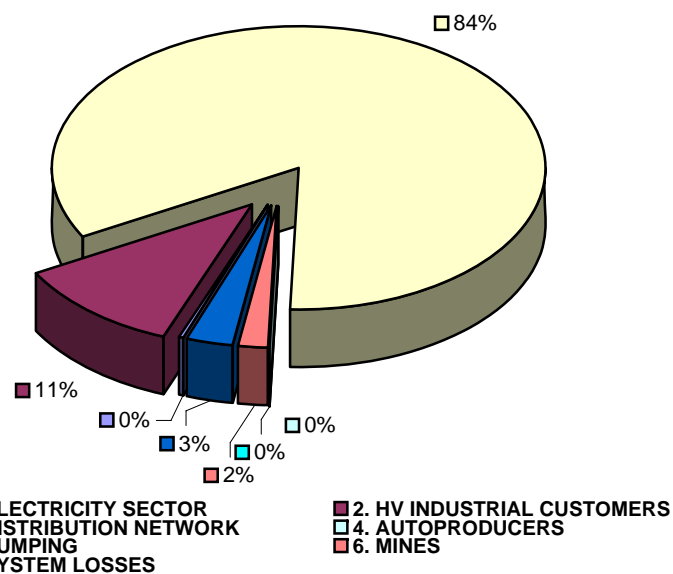
### TOTAL ELECTRICITY CONSUMPTION

(MWH)

Month : JANUARY 2010

TOTAL ELECTRICITY CONSUMPTION	MONTHLY TOTALS	(%)
<b>CLASSIFICATION</b>	<b>4.553.886</b>	<b>100,00</b>
<b>1. ELECTRICITY SECTOR</b>	<b>11.743</b>	<b>0,26</b>
<b>2. HV INDUSTRIAL CUSTOMERS</b>	<b>511.690</b>	<b>11,24</b>
<b>3. DISTRIBUTION NETWORK</b>	<b>3.797.086</b>	<b>83,38</b>
<b>4. AUTOPRODUCERS</b>	<b>0</b>	<b>0,00</b>
<b>5. PUMPING</b>	<b>8.862</b>	<b>0,19</b>
<b>6. MINES</b>	<b>91.346</b>	<b>2,01</b>
<b>7. SYSTEM LOSSES</b>	<b>133.159</b>	<b>2,92</b>

### MONTHLY ELECTRICITY CONSUMPTION



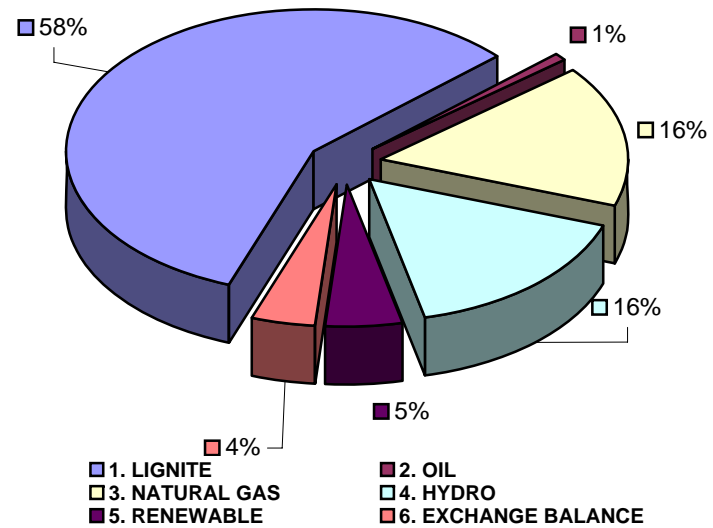


MONTHLY ELECTRICITY PRODUCTION & EXCHANGE BALANCE  
(MWH)

Month : JANUARY 2010

TOTAL PRODUCTION & INTERCONNECTIONS	MONTH TOTALS	(%)
<b>TOT.PROD. &amp; INTERCON.</b>	<b>4.553.886</b>	<b>100,00</b>
1. LIGNITE	2.631.273	57,78
2. OIL	35.088	0,77
3. NATURAL GAS	731.826	16,07
4. HYDRO	735.706	16,16
5. RENEWABLE	227.788	5,00
6. EXCHANGE BALANCE	192.205	4,22

MONTHLY ELECTRICITY PRODUCTION





MONTHLY PEAK LOAD ANALYSIS

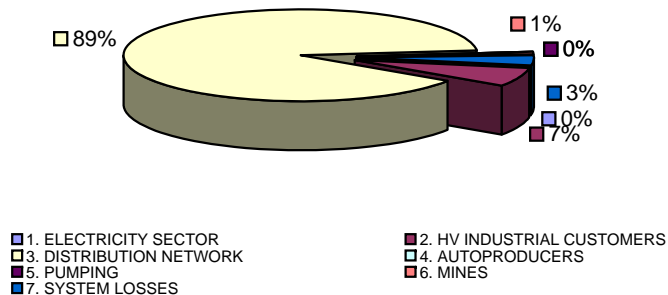
DAY : 20100127

Hourly average peak load			
MW	8714	Hour	13,00

ELECTRICITY CONSUMPTION DURING PEAK LOAD		
TOTAL	8714	100,00
1. ELECTRICITY SECTOR	2	0,02
2. HV INDUSTRIAL CUSTOMERS	580	6,66
3. DISTRIBUTION NETWORK	7737	88,79
4. AUTOPRODUCERS	0	0,00
5. PUMPING	0	0,00
6. MINES	92	1,06
7. SYSTEM LOSSES	303	3,48

ELECTRICITY PRODUCTION DURING PEAK LOAD		
TOTAL	8714	100,00
1. LIGNITE	3879	44,51
2. OIL	269	3,09
3. NATURAL GAS	2014	23,11
4. HYDRO	2020	23,18
5. RENEWABLE	168	1,93
6. OTHER SOURCES	1	0,01
7. EXCHANGE BALANCE	363	4,17

Electricity consumption during peak load



Electricity production during peak load

