



TRANSMISSION SYSTEM ENERGY BALANCE MONTHLY
REPORT

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	DECEMBER 2010	COMPARED TO LAST YEAR(%)	JANUARY - DECEMBER 2010	COMPARED TO LAST YEAR (%)
PRODUCTION AND EXCHANGE BALANCE (MWh)				
TOTAL PRODUCTION & EXCHANGE BALANCE	4.438.665	-0,04	52.365.777	-0,87
TOTAL NET PRODUCTION	4.215.159	-0,61	46.659.646	-3,71
CLASSIFICATION				
LIGNITE	2.079.948	-16,98	27.439.614	-10,16
OIL	0	-100,00	113.272	-93,33
NATURAL GAS	949.520	2,80	10.365.063	10,53
HYDRO	942.149	60,27	6.702.589	35,26
*RENEWABLE AND OTHER SOURCES	243.542	10,67	2.039.108	8,24
EXCHANGE BALANCE	223.506	12,09	5.706.131	30,64
IMPORTS	581.301		8.517.364	
****from TURKEY	185.077		736.414	
from ALBANIA	33.220		404.137	
from FYROM	141.092		3.856.130	
from BULGARIA	221.910		3.453.732	
from ITALY	2		66.951	
EXPORTS	357.795		2.811.233	
****to TURKEY	4		38	
to ALBANIA	23.916		490.706	
to FYROM	980		8.068	
to BULGARIA	0		15	
to ITALY	332.895		2.312.406	

CONSUMPTION (MWh)					
TOTAL CONSUMPTION	4.438.665	-0,04	52.365.777	-0,87	
NET CONSUMPTION	4.438.043	0,11	52.329.488	-0,20	
PUMPING	622		36.289		
CLASSIFICATION					
CONSUMPTION OF ELECTRICITY SECTOR	19.767		201.822		
HV INDUSTRIAL CUSTOMERS	529.442	11,61	6.355.223	5,86	
DISTRIBUTION NETWORK	3.694.159	-1,23	43.317.271	-1,43	
** AUTOPRODUCERS	0		0		
PUMPING	622		36.289		
MINES	76.572	-1,46	952.834	-1,88	
SYSTEM LOSSES	118.103		1.502.338		
SYSTEM POWER (MW)					
SYSTEM INSTANT PEAK LOAD	8.512	***	9.902	***	
date / time of peak load	17/12/10	20:00	15/07/10	20:00	
Athens (ROUF) temperature at peak time (°C)	8		42		
HOURLY AVERAGE LOAD IN ATTIKI	3127		3400		

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

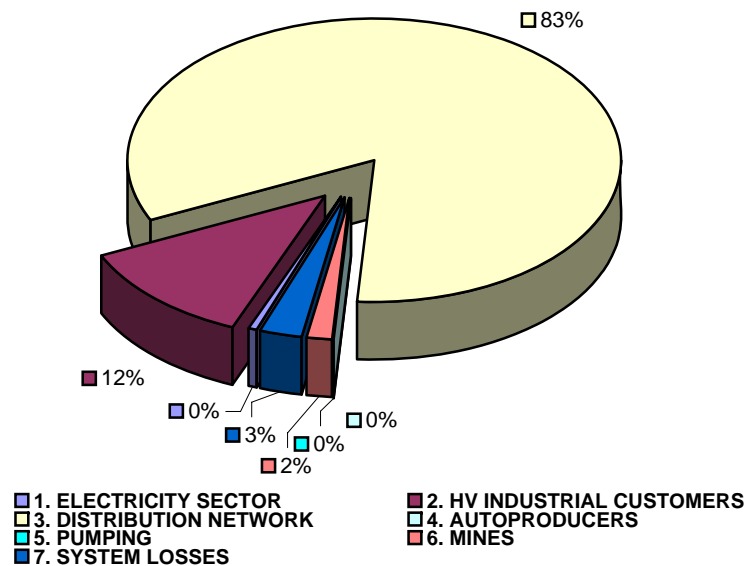
TOTAL ELECTRICITY CONSUMPTION

(MWH)

Month : DECEMBER 2010

TOTAL ELECTRICITY CONSUMPTION	MONTHLY TOTALS	(%)
CLASSIFICATION	4.438.665	100,00
1. ELECTRICITY SECTOR	19.767	0,45
2. HV INDUSTRIAL CUSTOMERS	529.442	11,93
3. DISTRIBUTION NETWORK	3.694.159	83,23
4. AUTOPRODUCERS	0	0,00
5. PUMPING	622	0,01
6. MINES	76.572	1,73
7. SYSTEM LOSSES	118.103	2,66

MONTHLY ELECTRICITY CONSUMPTION





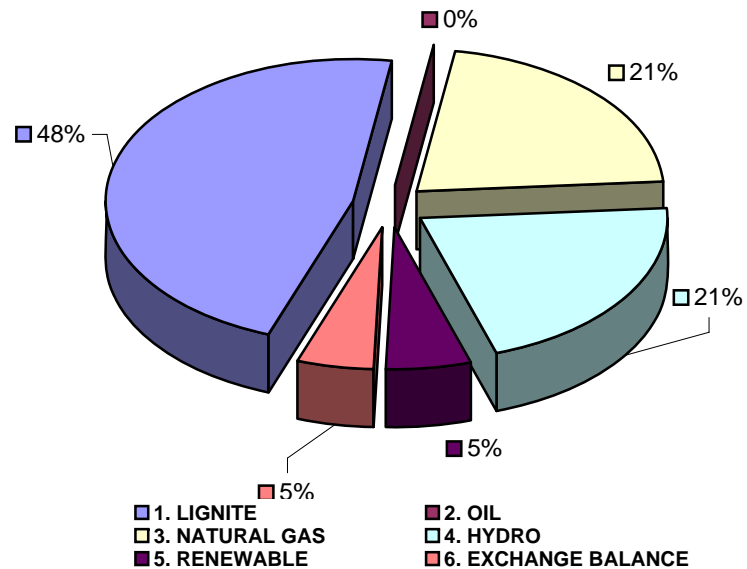
MONTHLY ELECTRICITY PRODUCTION & EXCHANGE BALANCE

(MWH)

Month : DECEMBER 2010

TOTAL PRODUCTION & INTERCONNECTIONS	MONTH TOTALS	(%)
TOT.PROD. & INTERCON.	4.438.665	100,00
1. LIGNITE	2.079.948	46,86
2. OIL	0	0,00
3. NATURAL GAS	949.520	21,39
4. HYDRO	942.149	21,23
5. RENEWABLE	243.542	5,49
6. EXCHANGE BALANCE	223.506	5,04

MONTHLY ELECTRICITY PRODUCTION





MONTHLY PEAK LOAD ANALYSIS

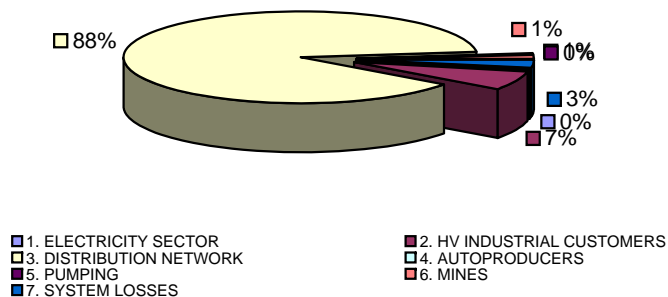
DAY : 20101217

Hourly average peak load			
MW	8457	Hour	20,00

ELECTRICITY CONSUMPTION DURING PEAK LOAD		
TOTAL	8457	100,00
1. ELECTRICITY SECTOR	36	0,43
2. HV INDUSTRIAL CUSTOMERS	580	6,86
3. DISTRIBUTION NETWORK	7433	87,89
4. AUTOPRODUCERS	61	0,72
5. PUMPING	0	0,00
6. MINES	117	1,38
7. SYSTEM LOSSES	230	2,72

ELECTRICITY PRODUCTION DURING PEAK LOAD		
TOTAL	8457	100,00
1. LIGNITE	2870	33,94
2. OIL	0	0,00
3. NATURAL GAS	2452	28,99
4. HYDRO	2683	31,73
5. RENEWABLE	237	2,80
6. OTHER SOURCES	1	0,01
7. EXCHANGE BALANCE	214	2,53

Electricity consumption during peak load



Electricity production during peak load

