



HELLENIC TRANSMISSION
SYSTEM OPERATOR

TRANSMISSION SYSTEM ENERGY BALANCE MONTHLY
REPORT

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	JULY 2011	COMPARED TO LAST YEAR(%)	JANUARY - JULY 2011	COMPARED TO LAST YEAR (%)
PRODUCTION AND EXCHANGE BALANCE (MWh)				
TOTAL PRODUCTION & EXCHANGE BALANCE	5,377,127	2.04	30,013,287	-1.17
TOTAL NET PRODUCTION	4,898,747	5.34	28,033,926	5.37
CLASSIFICATION				
LIGNITE	2,689,816	-5.70	15,762,427	-0.94
OIL	3,760	-79.62	8,463	-92.18
NATURAL GAS	1,644,126	46.27	8,654,192	58.28
HYDRO	403,166	-22.22	2,326,566	-41.80
*RENEWABLE AND OTHER SOURCES	157,879	15.08	1,282,279	14.68
EXCHANGE BALANCE	478,381	-22.75	1,979,361	-47.43
IMPORTS	750,570		4,290,502	
from TURKEY	230,159		1,494,747	
from ALBANIA	3		3,255	
from FYROM	208,035		1,087,306	
from BULGARIA	302,223		1,636,345	
from ITALY	10,150		68,849	
EXPORTS	272,190		2,311,141	
to TURKEY	1		12	
to ALBANIA	154,128		1,183,259	
to FYROM	6		26,081	
to BULGARIA	0		0	
to ITALY	118,055		1,101,789	

CONSUMPTION (MWh)				
TOTAL CONSUMPTION	5,377,127	2.04	30,013,288	-1.17
NET CONSUMPTION	5,371,076	1.93	29,857,856	-1.60
PUMPING	6,051		155,432	
CLASSIFICATION				
CONSUMPTION OF ELECTRICITY SECTOR	10,275		113,313	
HV INDUSTRIAL CUSTOMERS	611,466	11.32	3,964,534	7.94
DISTRIBUTION NETWORK	4,540,661	1.81	24,493,225	-2.45
** AUTOPRODUCERS	0		0	
PUMPING	6,051		155,432	
MINES	81,282	1.20	549,984	-1.95
SYSTEM LOSSES	127,392		736,800	

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

NOTE:

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



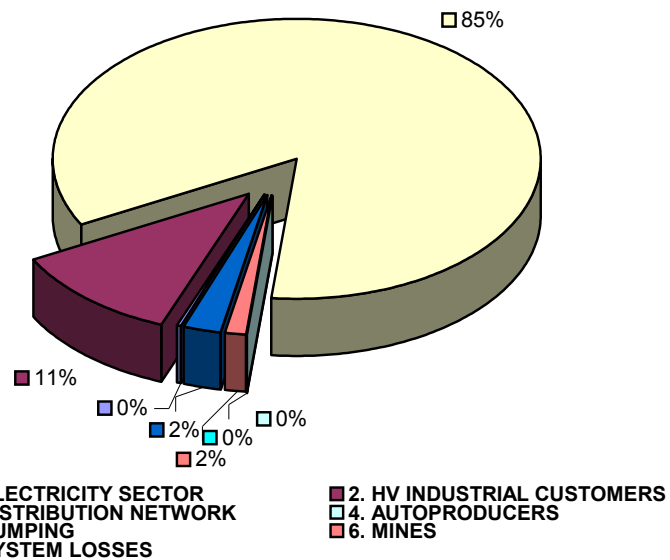
TOTAL ELECTRICITY CONSUMPTION

(MWH)

Month : JULY 2011

TOTAL ELECTRICITY CONSUMPTION	MONTHLY TOTALS	(%)
CLASSIFICATION	5,377,127	100.00
1. ELECTRICITY SECTOR	10,275	0.19
2. HV INDUSTRIAL CUSTOMERS	611,466	11.37
3. DISTRIBUTION NETWORK	4,540,661	84.44
4. AUTOPRODUCERS	0	0.00
5. PUMPING	6,051	0.11
6. MINES	81,282	1.51
7. SYSTEM LOSSES	127,392	2.37

MONTHLY ELECTRICITY CONSUMPTION





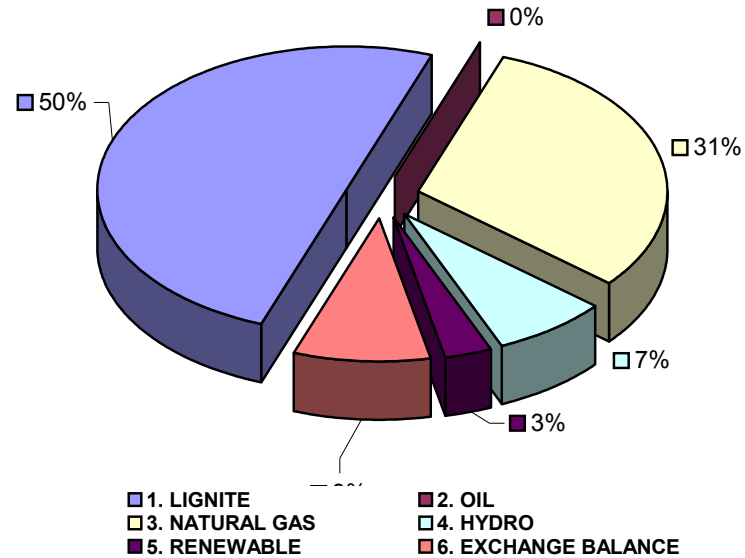
MONTHLY ELECTRICITY PRODUCTION & EXCHANGE BALANCE

(MWH)

Month : JULY 2011

TOTAL PRODUCTION & INTERCONNECTIONS	MONTH TOTALS	(%)
TOT.PROD. & INTERCON.	5,377,127	100.00
1. LIGNITE	2,689,816	50.02
2. OIL	3,760	0.07
3. NATURAL GAS	1,644,126	30.58
4. HYDRO	403,166	7.50
5. RENEWABLE	157,879	2.94
6. EXCHANGE BALANCE	478,381	8.90

MONTHLY ELECTRICITY PRODUCTION





MONTHLY PEAK LOAD ANALYSIS

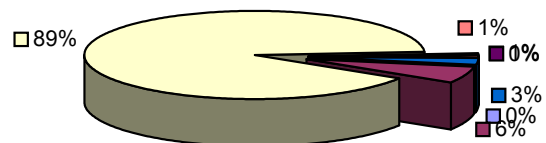
DAY : 20110720

Hourly average peak load			
MW	9868	Hour	14.00

ELECTRICITY CONSUMPTION DURING PEAK LOAD		
	TOTAL	9868 100.00
1. ELECTRICITY SECTOR	8	0.08
2. HV INDUSTRIAL CUSTOMERS	603	6.11
3. DISTRIBUTION NETWORK	8867	89.86
4. AUTOPRODUCERS	57	0.58
5. PUMPING	0	0.00
6. MINES	84	0.85
7. SYSTEM LOSSES	249	2.52

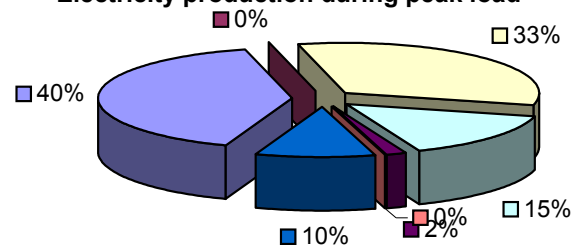
ELECTRICITY PRODUCTION DURING PEAK LOAD		
	TOTAL	9868 100.00
1. LIGNITE	3993	40.46
2. OIL	0	0.00
3. NATURAL GAS	3231	32.74
4. HYDRO	1492	15.12
5. RENEWABLE	167	1.69
6. OTHER SOURCES	2	0.02
7. EXCHANGE BALANCE	983	9.96

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