



**INDEPENDENT POWER TRANSMISSION
SYSTEM OPERATOR**

**TRANSMISSION SYSTEM ENERGY BALANCE
MONTHLY REPORT**

Info :K. Petsinis +30 210 9466888

	NOVEMBER 2012	COMPARED TO LAST YEAR(%)	JANUARY - NOVEMBER 2012	COMPARED TO LAST YEAR (%)
PRODUCTION AND EXCHANGE BALANCE (MWh)				
TOTAL PRODUCTION & EXCHANGE BALANCE	3.779.403	-12,03%	46.103.566	-2,74%
TOTAL NET PRODUCTION	3.750.456	-8,33%	44.378.806	-0,14%
CLASSIFICATION				
LIGNITE	2.184.369	-8,64%	25.350.576	1,08%
OIL	0		66.186	671,02%
NATURAL GAS	941.624	-24,89%	12.773.971	-6,46%
HYDRO	308.928	45,08%	3.384.955	-1,38%
RENEWABLE AND OTHER SOURCES *	315.536	35,14%	2.803.118	23,90%
EXCHANGE BALANCE	28.947	-85,89%	1.724.760	-41,79%
IMPORTS	421.193		5.539.483	
from TURKEY	92.850		1.567.020	
from ALBANIA	1.931		13.094	
from FYROM	129.025		1.507.244	
from BULGARIA	196.165		2.125.701	
from ITALY	1.222		326.424	
EXPORTS	392.247		3.814.723	
to TURKEY	729		3.782	
to ALBANIA	85.878		1.433.398	
to FYROM	1.900		145.290	
to BULGARIA	0		2.157	
to ITALY	303.740		2.230.096	



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	NOVEMBER 2012	COMPARED TO LAST YEAR(%)	JANUARY - NOVEMBER 2012	COMPARED TO LAST YEAR (%)
CONSUMPTION (MWh)				
TOTAL CONSUMPTION	3.779.403	-12,03%	46.103.566	-2,74%
NET CONSUMPTION	3.769.500	-11,31%	45.852.474	-2,64%
PUMPING	9.903		251.092	
CLASSIFICATION				
CONSUMPTION OF ELECTRICITY SECTOR	14.210		153.680	
HV INDUSTRIAL CUSTOMERS	542.911	0,86%	5.987.162	-2,01%
DISTRIBUTION NETWORK	3.028.824	-13,53%	37.652.735	-2,84%
AUTOPRODUCERS **	0		0	
PUMPING	9.903		251.092	
MINES	71.896	-12,49%	847.280	-4,53%
SYSTEM LOSSES	111.658		1.211.617	
SYSTEM POWER (MW)				
SYSTEM INSTANT PEAK LOAD	7.345 ***		9.894 ***	
Date of peak load	27/11/12		16/07/12	
Hour of peak load	19		15	
Athens (ROUF) temperature at peak time (oC)	18		41	
HOURLY AVERAGE LOAD IN ATTIKI	2.480		3.562	

NOTE:

* Includes only the HV substations

** Autoproducers are included in the HV INDUSTRIAL CUSTOMERS

*** Value from SCADA SYSTEM



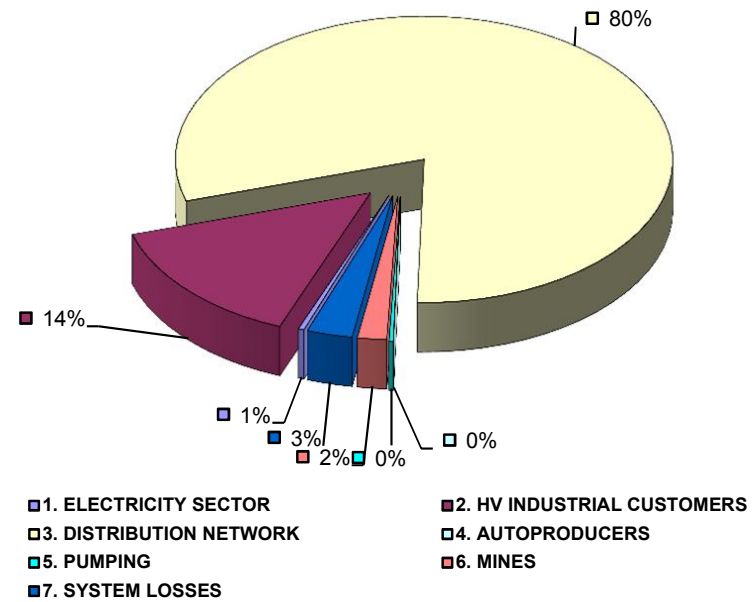
**INDEPENDENT POWER
TRANSMISSION OPERATOR**

**TOTAL ELECTRICITY CONSUMPTION
(MWh)**

Month : NOVEMBER 2012

TOTAL ELECTRICITY CONSUMPTION	MONTHLY TOTALS	(%)
CLASSIFICATION	3.779.403	100,00%
1. ELECTRICITY SECTOR	14.210	0,38%
2. HV INDUSTRIAL CUSTOMERS	542.911	14,36%
3. DISTRIBUTION NETWORK	3.028.824	80,14%
4. AUTOPRODUCERS	0	0,00%
5. PUMPING	9.903	0,26%
6. MINES	71.896	1,90%
7. SYSTEM LOSSES	111.658	2,95%

MONTHLY ELECTRICITY CONSUMPTION





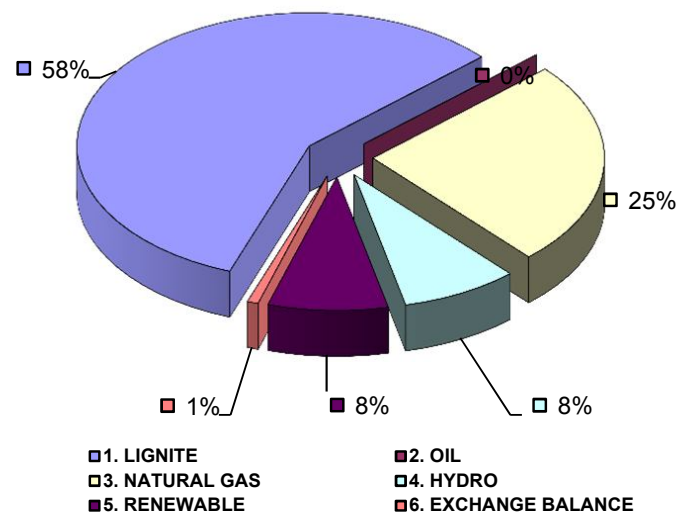
**INDEPENDENT POWER
TRANSMISSION OPERATOR**

**MONTHLY ELECTRICITY PRODUCTION & EXCHANGE BALANCE
(MWh)**

Month : **NOVEMBER 2012**

TOTAL PRODUCTION & INTERCONNECTIONS	MONTH TOTALS	(%)
TOT.PROD. & INTERCON.	3.779.403	100%
1. LIGNITE	2.184.369	57,80%
2. OIL	0	0,00%
3. NATURAL GAS	941.624	24,91%
4. HYDRO	308.928	8,17%
5. RENEWABLE	315.536	8,35%
6. EXCHANGE BALANCE	28.947	0,77%

MONTHLY ELECTRICITY PRODUCTION





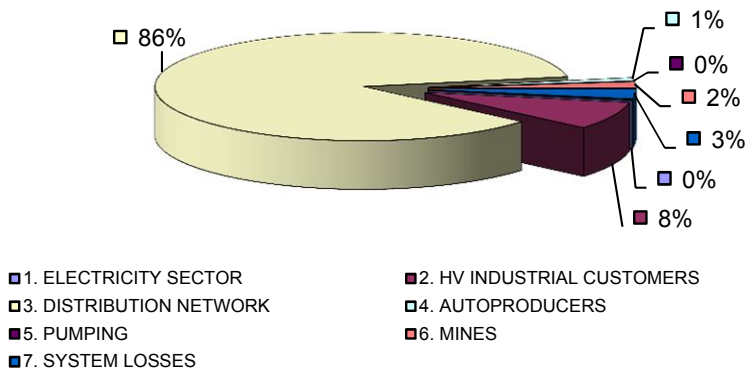
MONTHLY PEAK LOAD ANALYSIS

DAY 20121127

ELECTRICITY CONSUMPTION DURING PEAK LOAD		
	TOTAL	
	7.279	100%
1. ELECTRICITY SECTOR	15	0,21%
2. HV INDUSTRIAL CUSTOMERS	602	8,26%
3. DISTRIBUTION NETWORK	6.248	85,84%
4. AUTOPRODUCERS	74	1,01%
5. PUMPING	0	0,00%
6. MINES	124	1,70%
7. SYSTEM LOSSES	217	2,98%

ELECTRICITY PRODUCTION DURING PEAK LOAD		
	TOTAL	
	7.279	100%
1. LIGNITE	3.280	45,07%
2. OIL	0	0,00%
3. NATURAL GAS	1.934	26,56%
4. HYDRO	1.537	21,11%
5. RENEWABLE	368	5,06%
6. OTHER SOURCES	2	0,03%
7. EXCHANGE BALANCE	158	2,17%

Electricity consumption during peak load



Electricity production during peak load

