

PUBLIC POWER CORPORATION S.A.



Power System of Greece

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Public Power Corporation S.A.

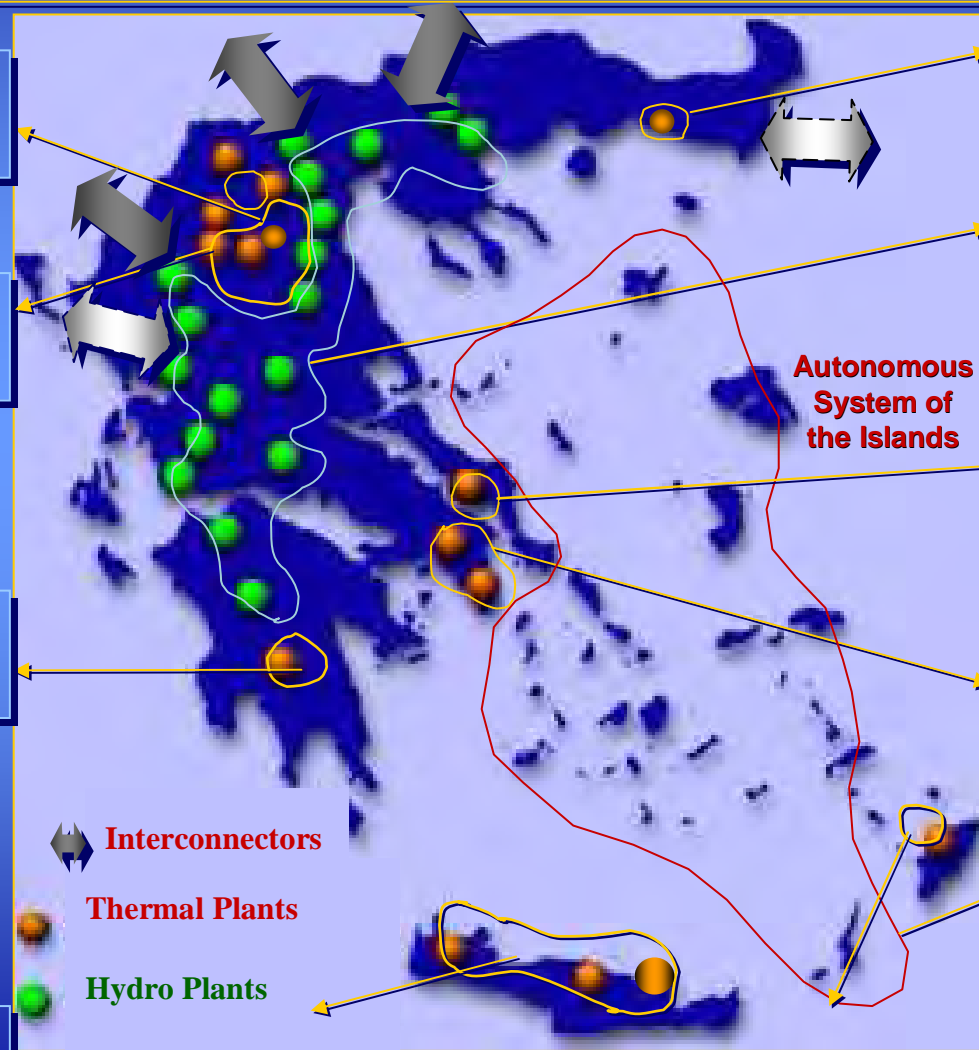
Highlights



- We were established in 1950 and we were incorporated as a Societe Anonyme in 2001.
- We are the largest electricity generator and among the largest industrial enterprises in term of assets in Greece.
- We own 16 thermal plants, 26 hydro plants and 6 wind parks with a total capacity of almost 12,700 MW (mainland & islands)
- In 2008, we have generated approximately 93% of the electricity produced in Greece.
- We own the Transmission and Distribution assets and currently we are the sole distributor of electricity in the country, providing electricity to almost 7.5 million customers.
- Annual Lignite extraction of about 66 M tons (2nd in EU).



Generation Power Stations



Florina
1 Power unit 330MW

North Western Greece
5 Power Stations 4,100 MW

Megalopolis
2 Power Stations 850 MW

Crete
3 Power Stations 823 MW

Komotini
485MW

Hydro Plants
26 Power Plants 3,060 MW

Evia
1 Power Station 300 MW

Attiki
2 Power Stations 1932 MW

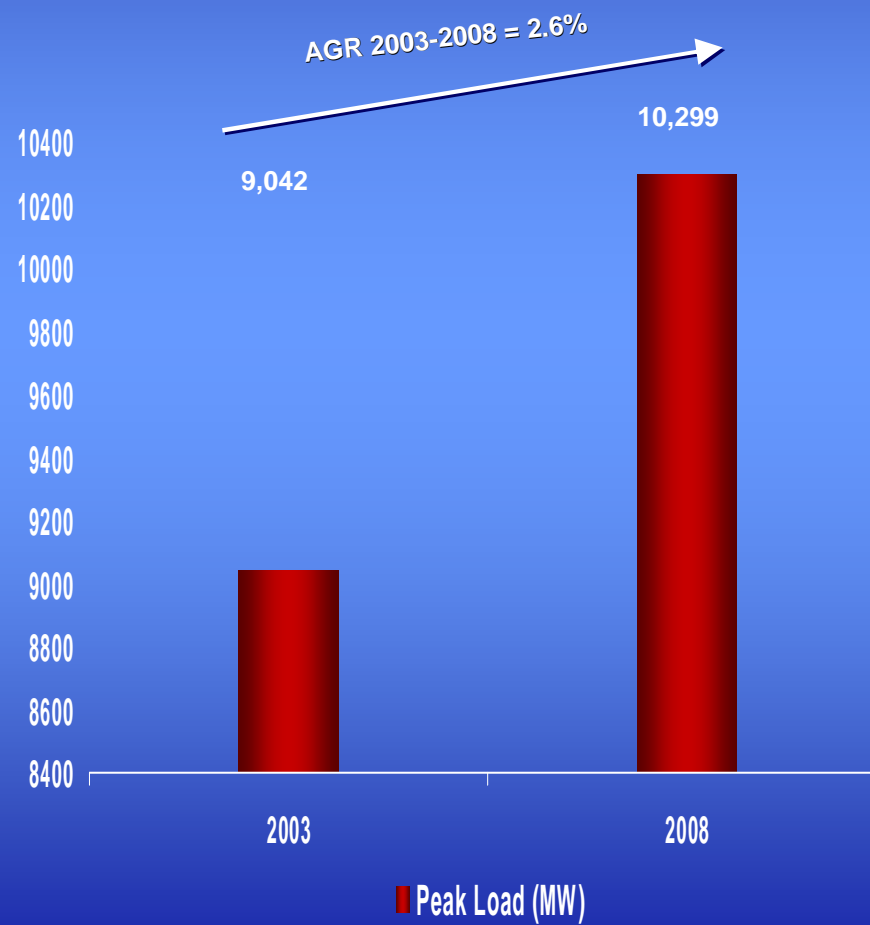
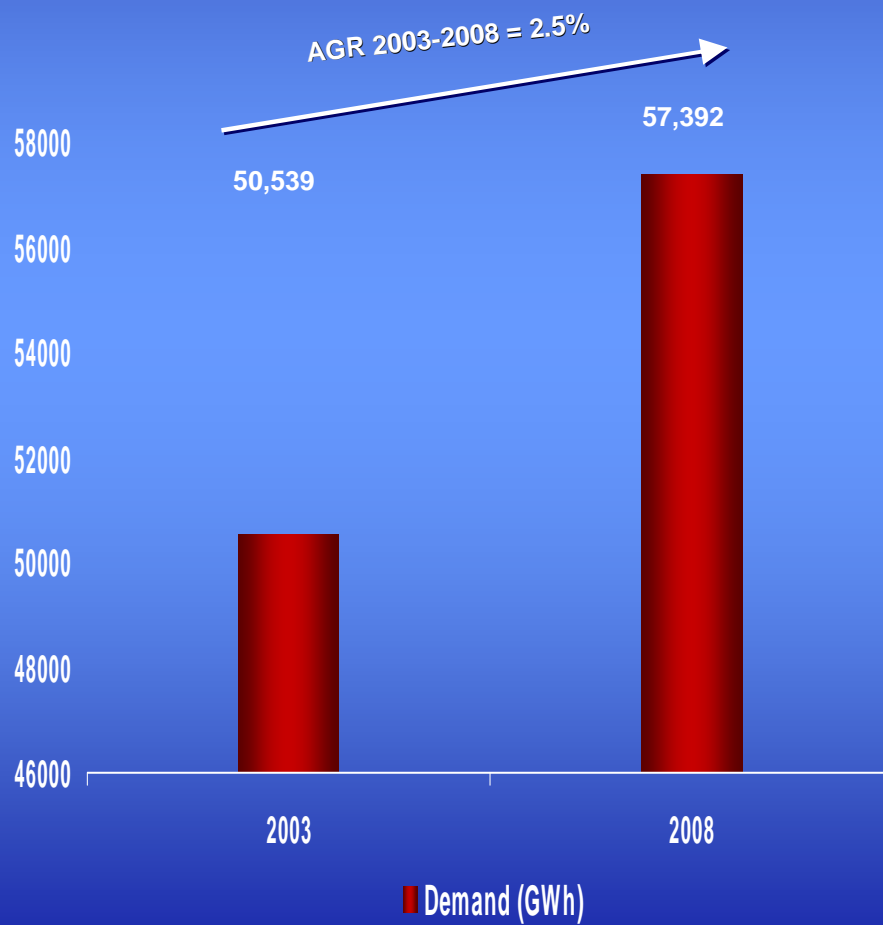
Autonomous Islands
30 Power Stations 650 MW

Rhodes
1 Power Station 234 MW



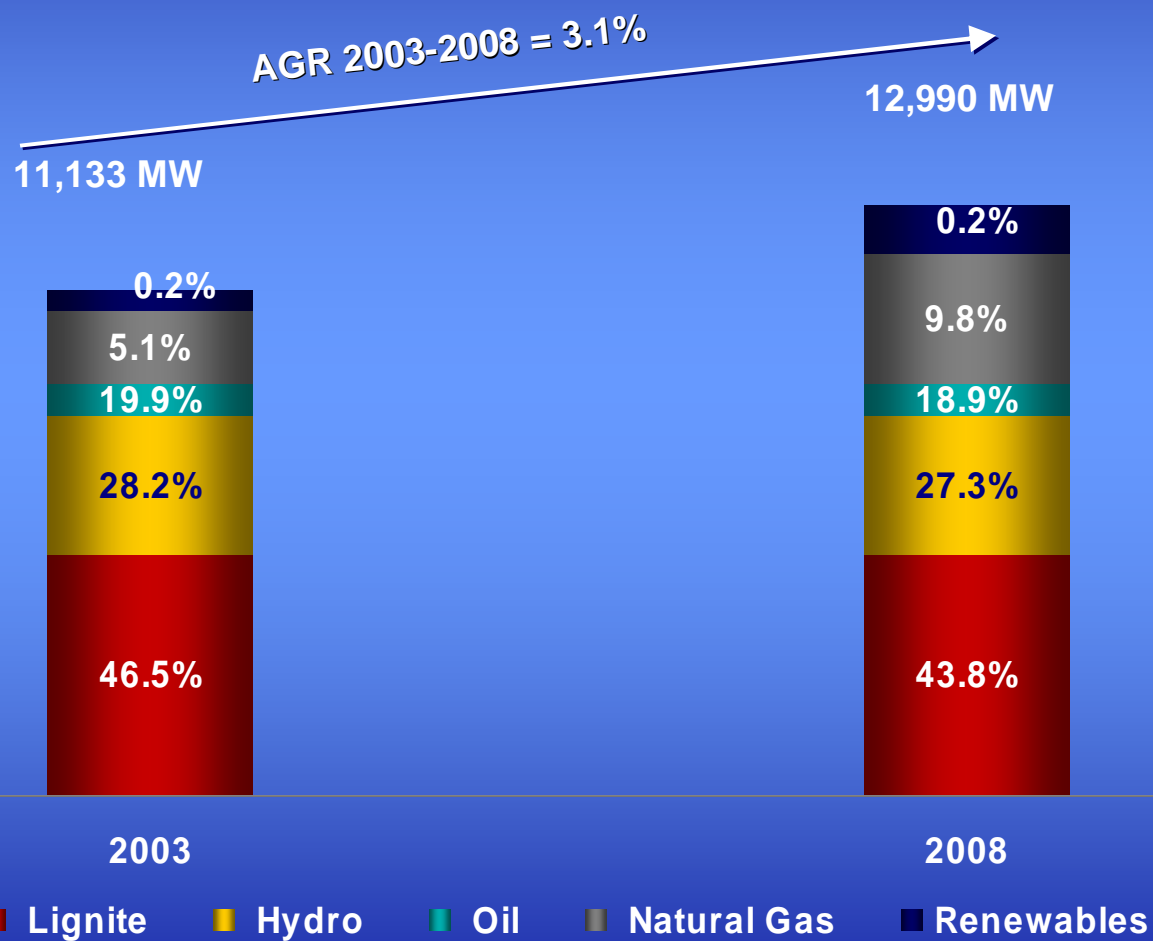
Demand of Electricity

Interconnected system





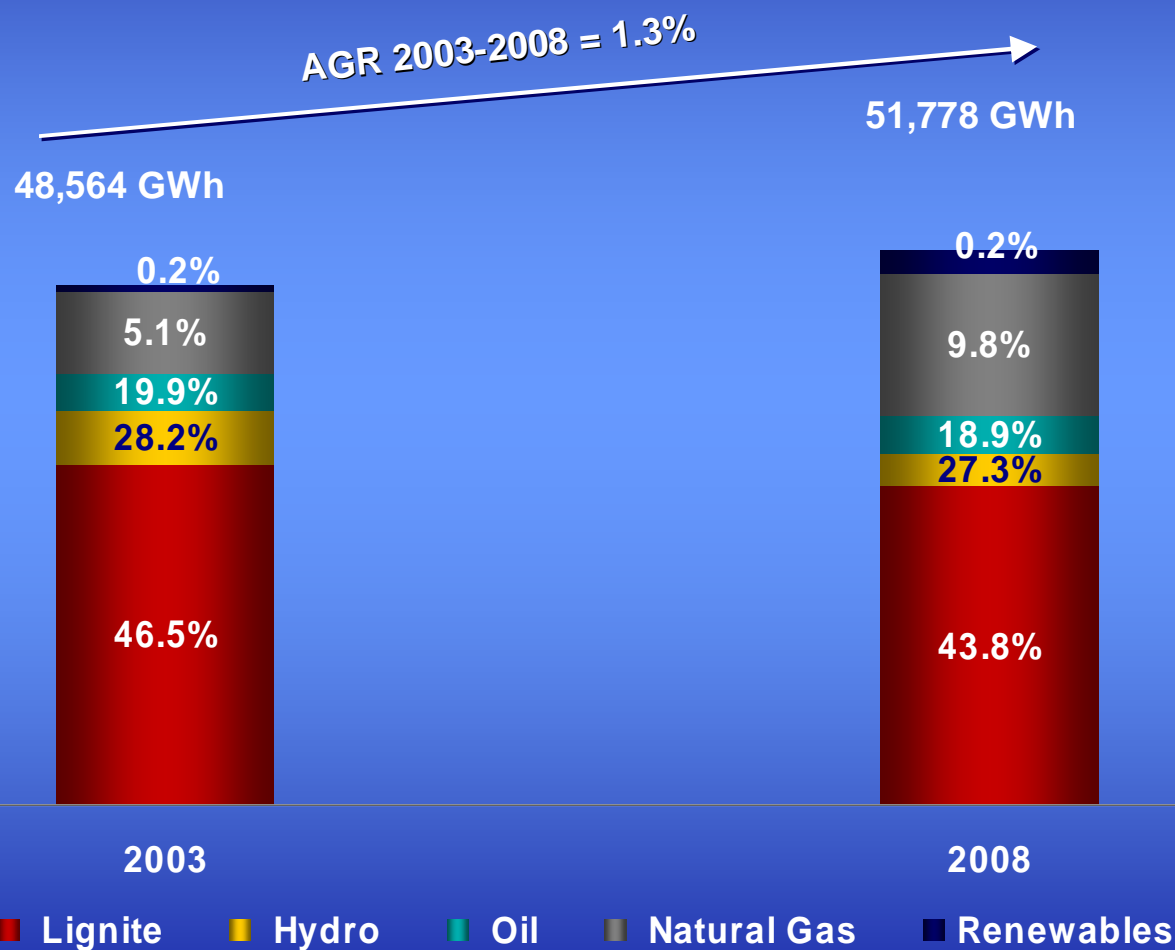
Generation Installed Capacity (*)



(*) Mainland interconnected system, including IPPs



Generation Production (*)

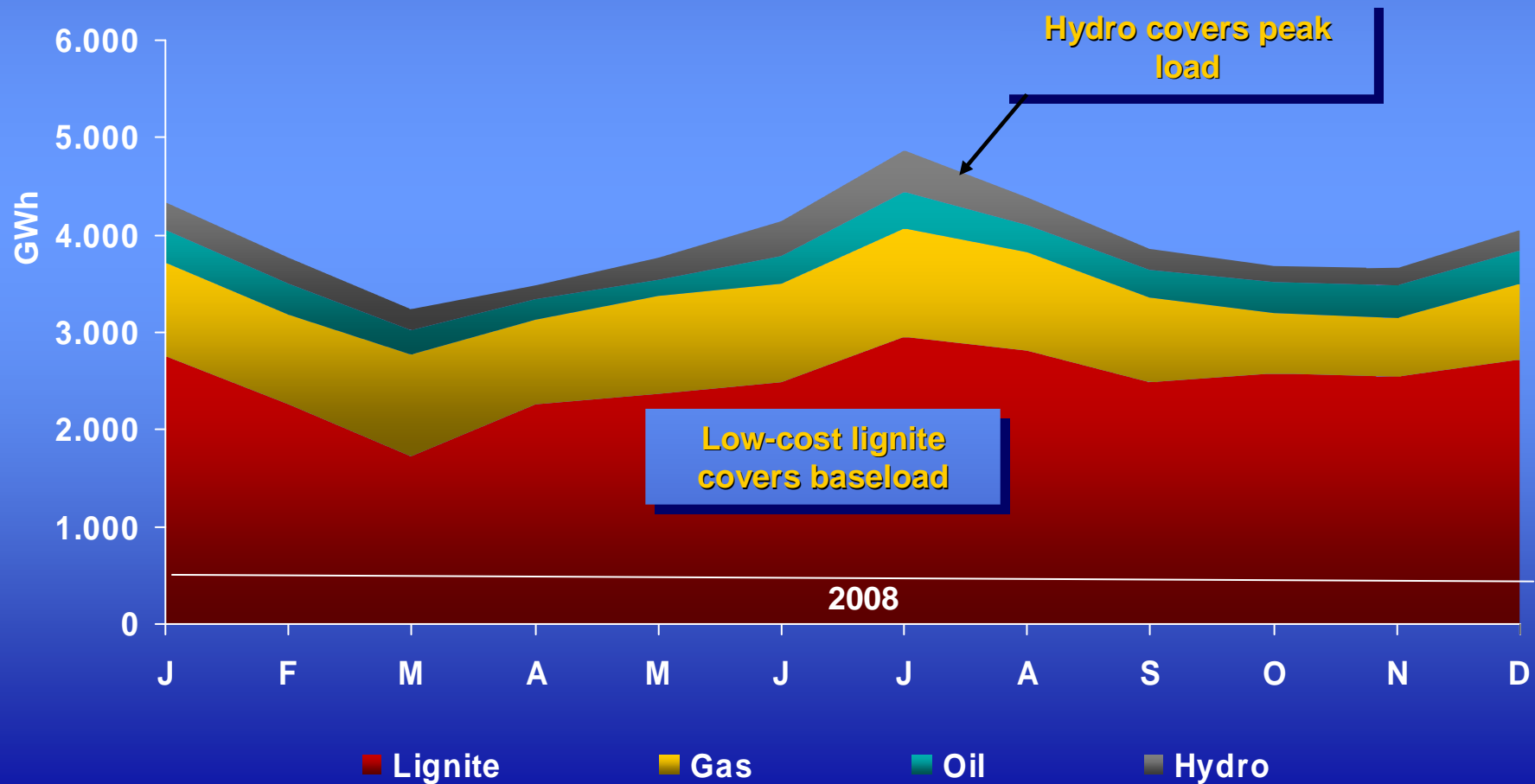


(*) Interconnected system



Generation

Monthly production (Interconnected system)





Transmission-Distribution

Main components

- **Transmission system carries electricity throughout mainland of Greece and between certain nearby islands**
 - Approximately 12,000 km of HV transmission lines
 - 400 kV lines – c. 2,820 km
 - 400 kv dc - 106 km
 - 150 kV lines – c. 8,950 km
 - 66 kV lines – c. 54 km
 - 572 transformers and autotransformers with a total capacity of 45,480 MVA

- **Distribution network delivers electricity to final customers**
 - Approximately 215,000 km of MV & LV lines
 - MV 101,500 km
 - LV 113,000 km
 - 143,000 MV/LV Substations
 - 115,000 HV/LV Substations



Transmission Network (400 kV)



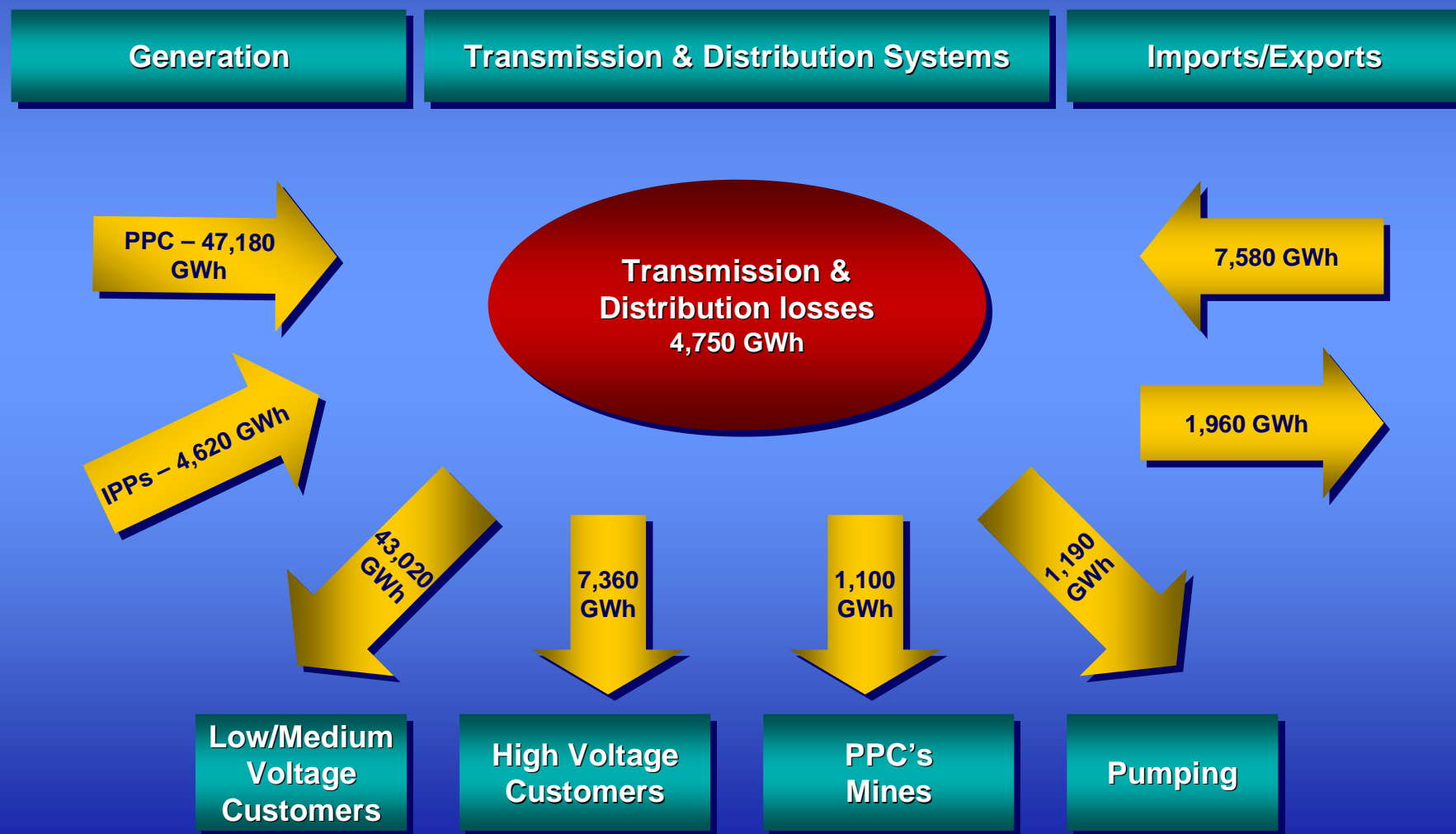
Legend

- Thermal Power Station
- Hydroelectric Power Station



Greek Electricity Market

Energy Flow in 2008*



* Preliminary Results of Interconnected system

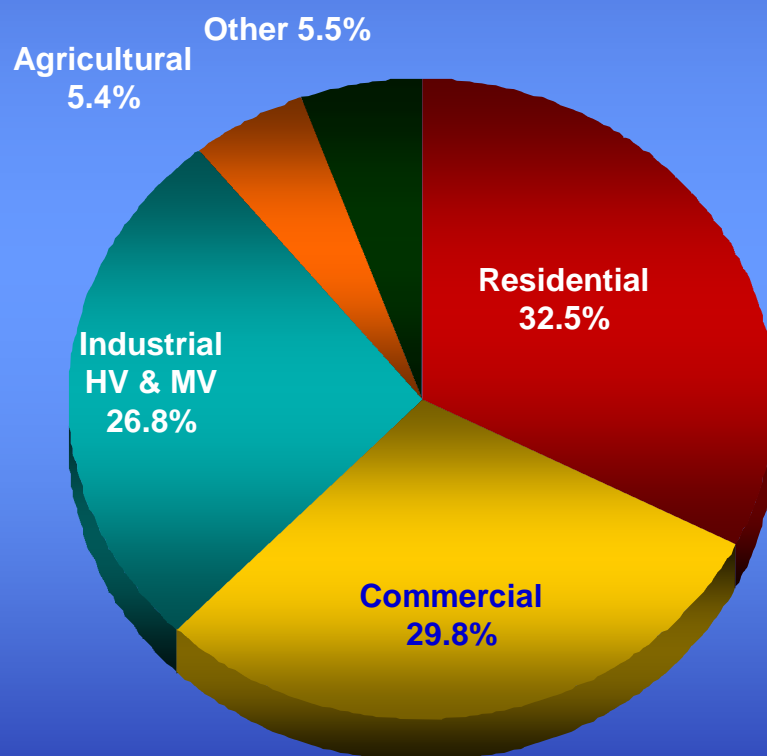


Greek Electricity Market

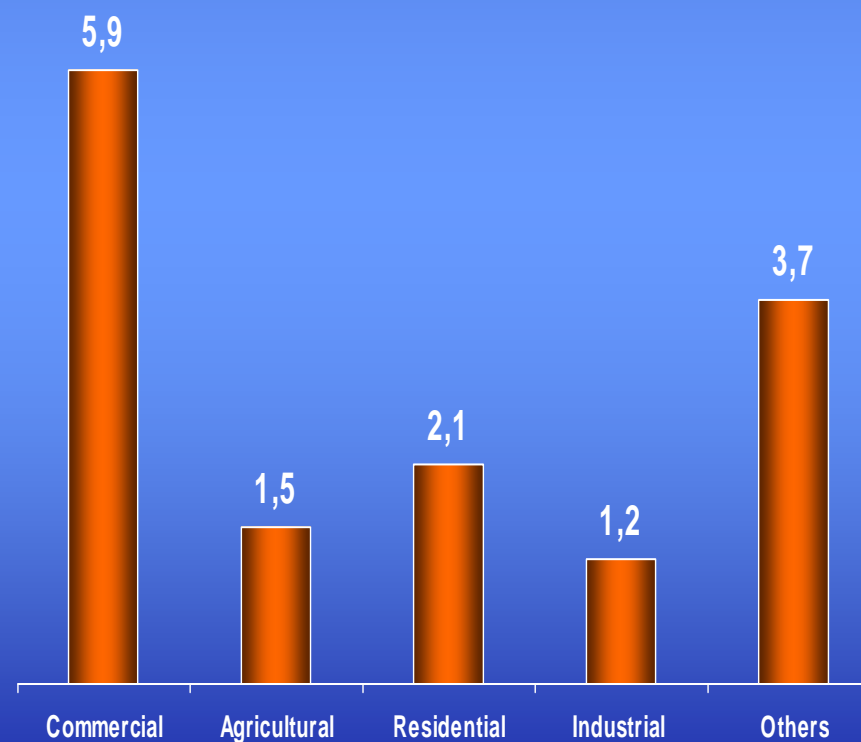
Electricity Consumption by Use

2008 *

AGR 2003-2008 (%)



Total: 55,900 GWh

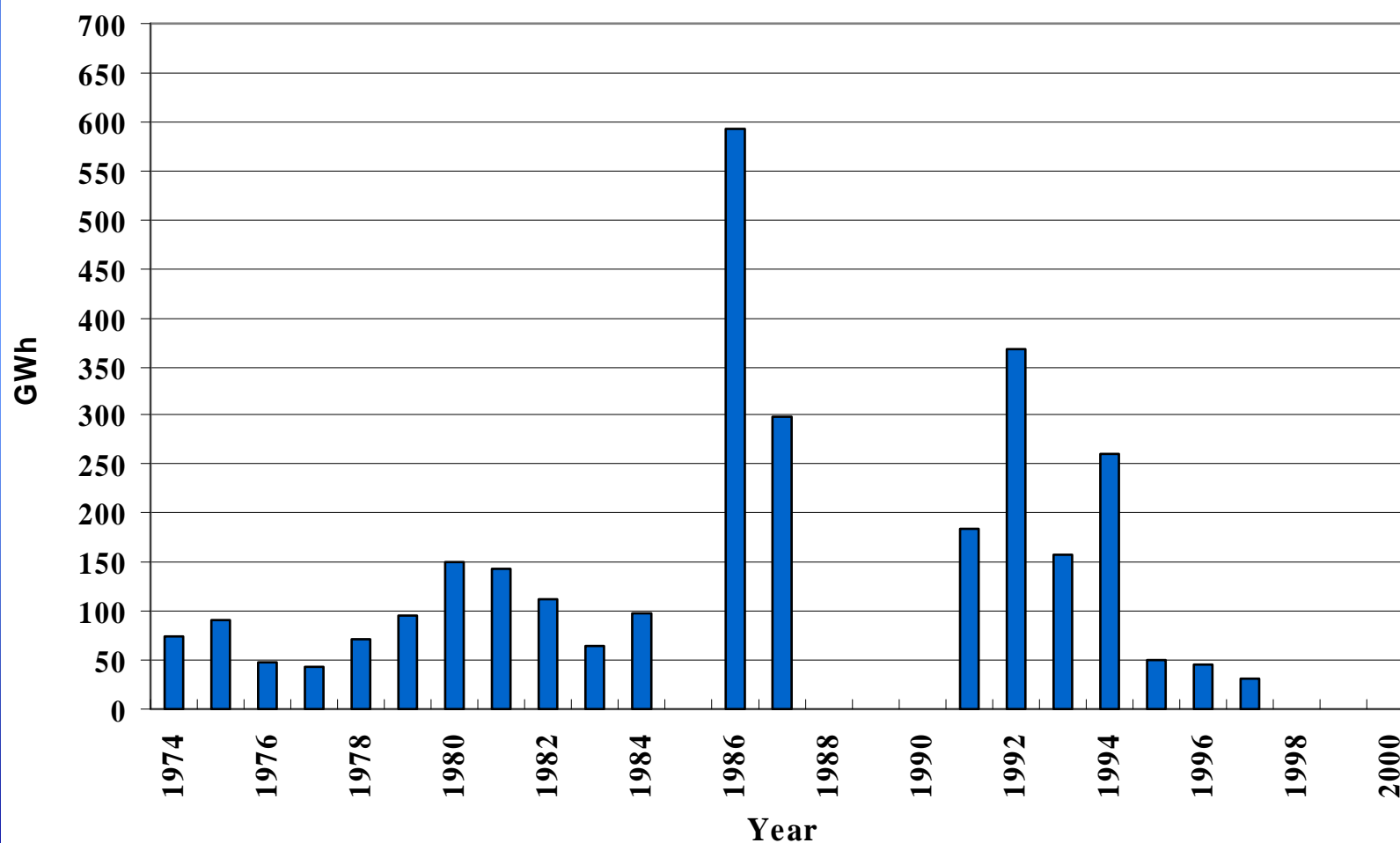


* Preliminary Results, total Greece

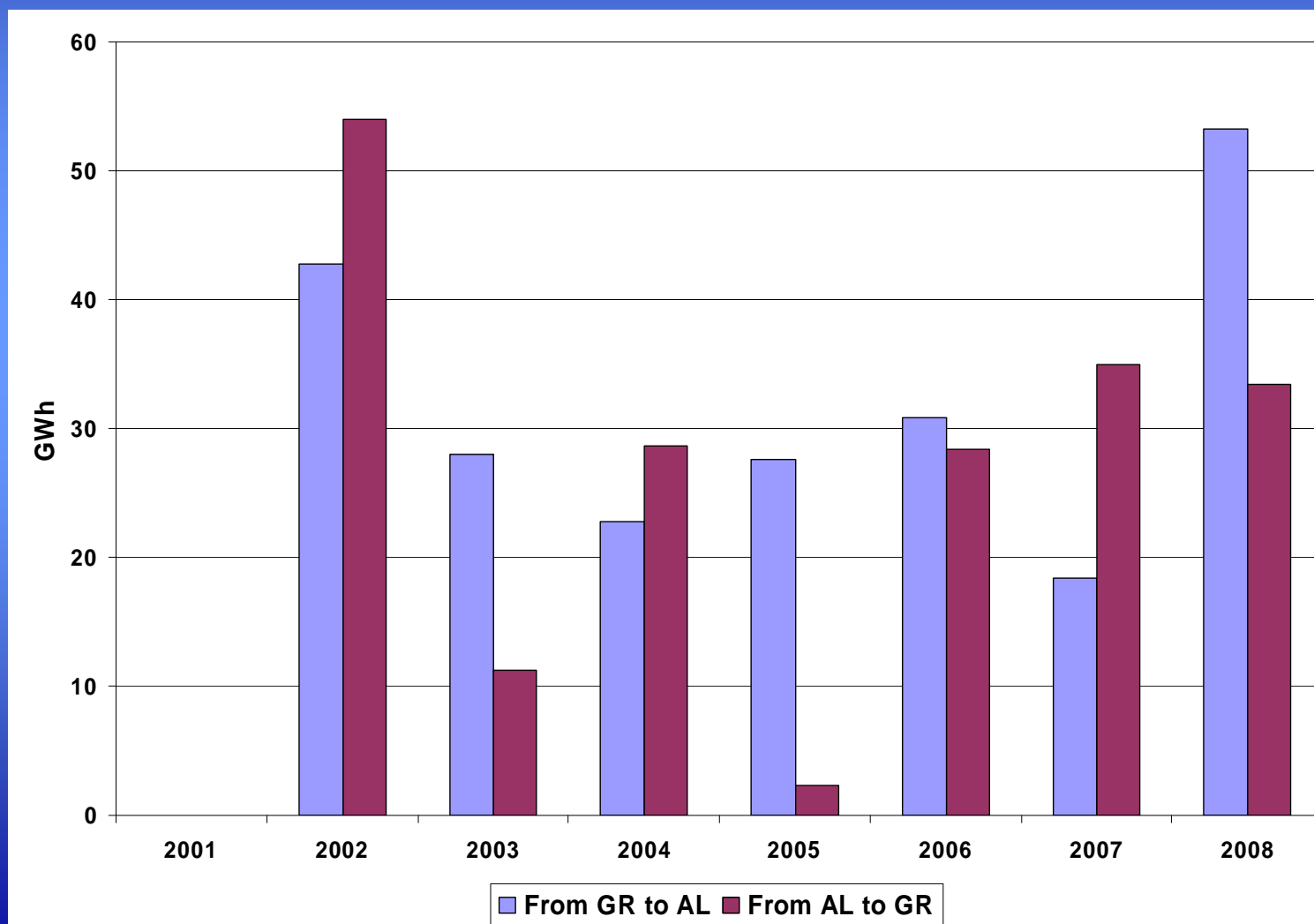
Imports and Exports of Electricity



Imports of Electricity from Albania to Greece



Electricity Exchanges between Greece and Albania (Commercial flows)



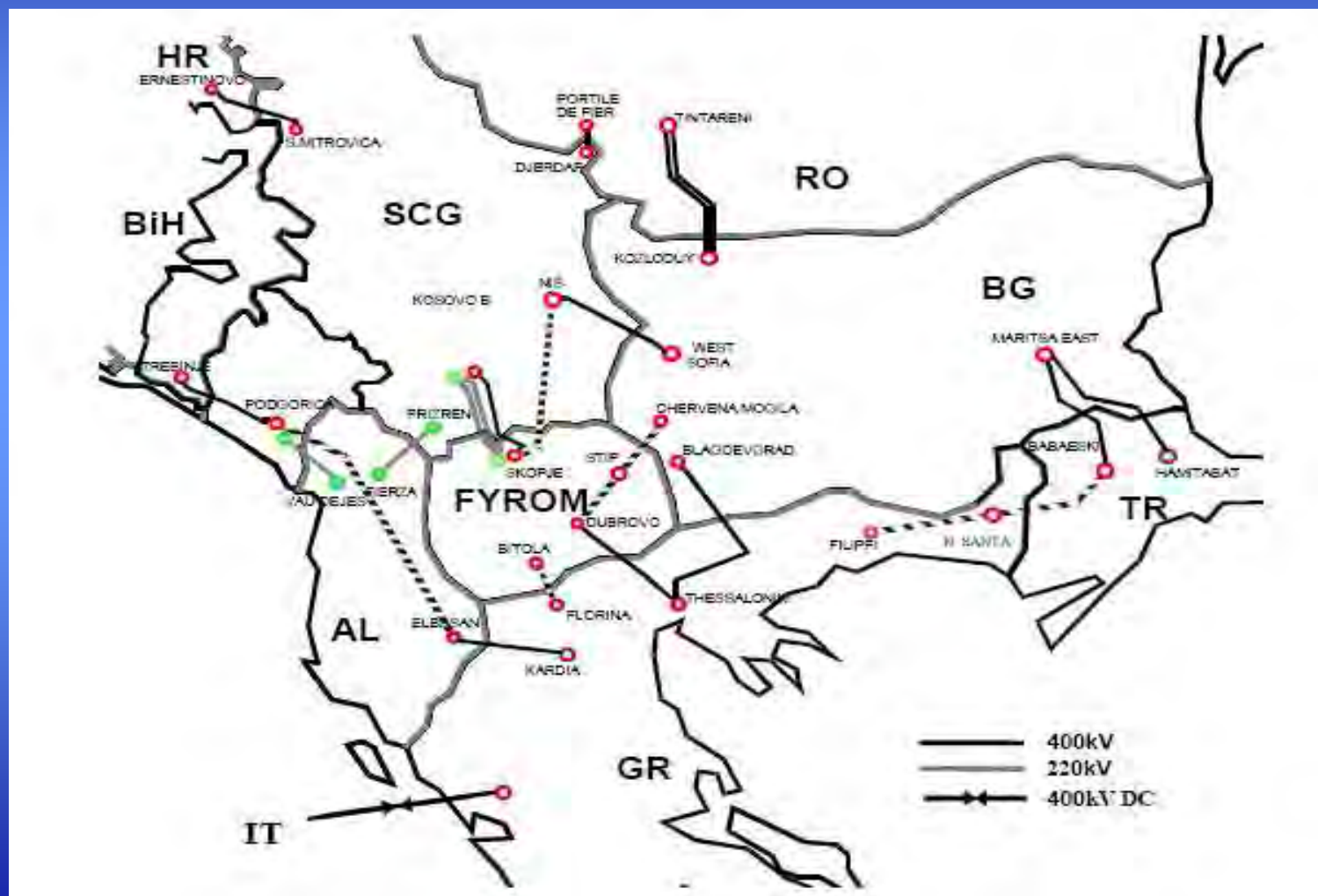
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***Thank you
for your attention***



Interconnection Links





Greek Electricity Market

Structure of the Market

