



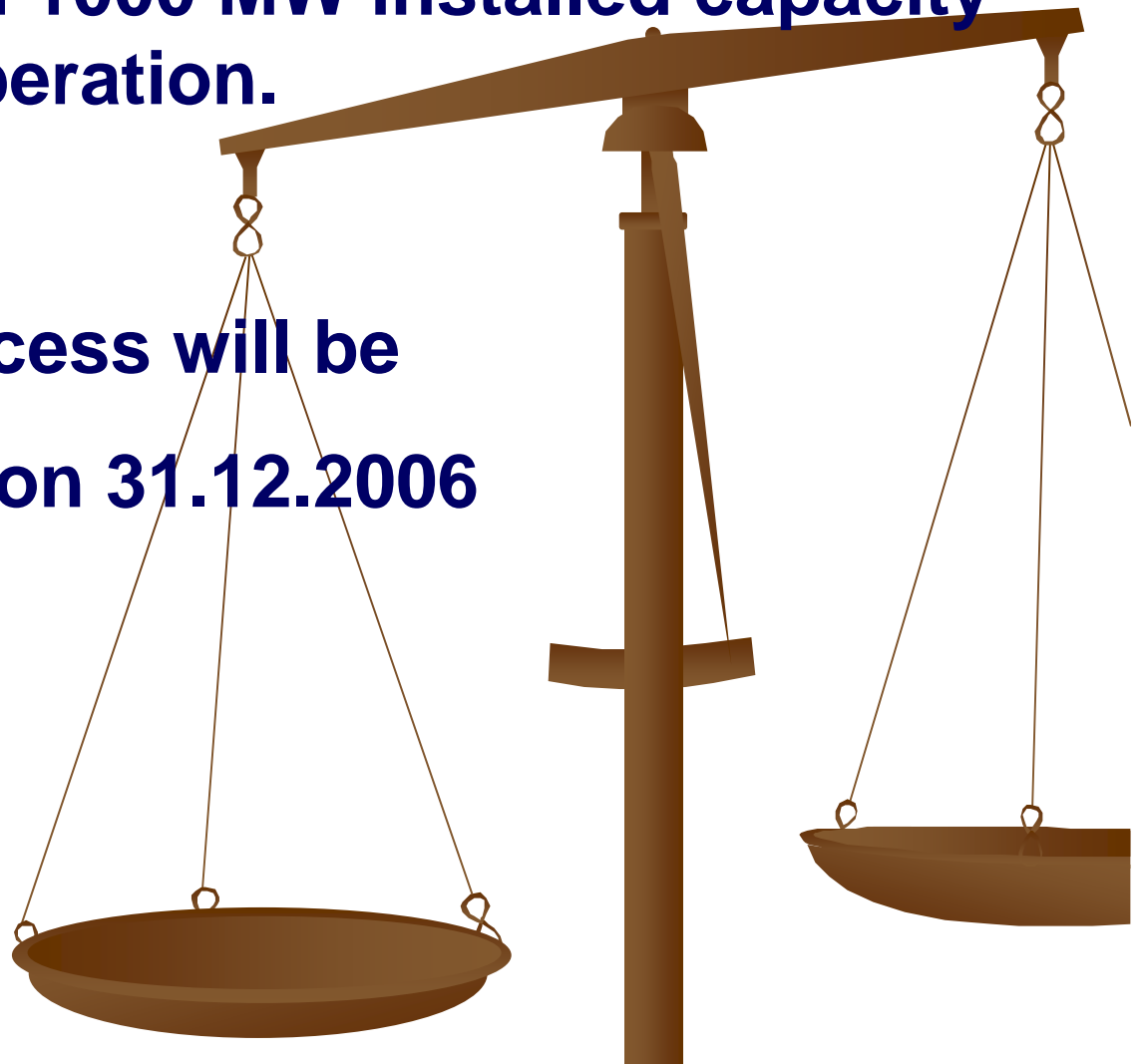
UCTE Regional System Adequacy in the context of the planned decommissioning of the Power Plant in Kozloduy

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Decommissioning of NPP Kozloduy

➤ **Decommissioned capacity: 880 MW (Units 3 and 4)
Units No. 5 and 6 with 1000 MW installed capacity
each will remain in operation.**

➤ **Decommission process will be
completed by 24:00h on 31.12.2006**



Estimated situation after decommissioning

Bulgaria

- Power and energy balance of Bulgarian EPS will be covered by internal resources.
- NEK export will be cancelled for the next few years.

Romania

- Romania will have an overbalanced production capacity (up to 3GW at the beginning of 2007, but constrained by interconnection capacity to 2.35 GW).
- Romania will increase his interconnection capacities:
 - 400 kV line Isaccea – Varna (RO-BG) to be in operation by 30.06.2007
 - 400 kV line Nadab – Bekescsaba (RO-HU) to be completed by 2008
 - 400 kV line Timisoara – Varsac (RO-SR) to be in operation by 2010

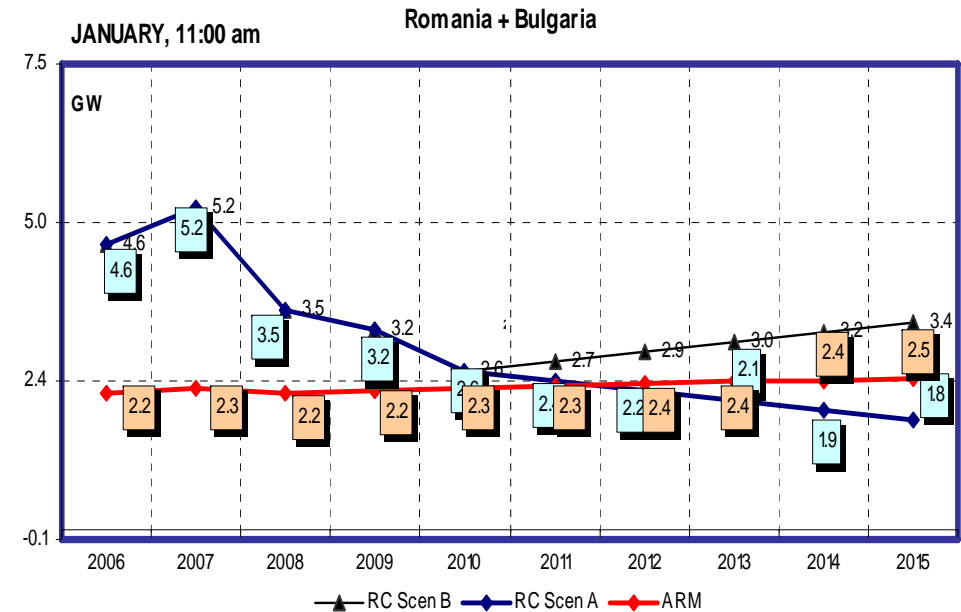
Greece, Serbia and Macedonia

- balanced in normal situation but could depend on imports in case of severe conditions



Detailed analysis - Romania + Bulgaria

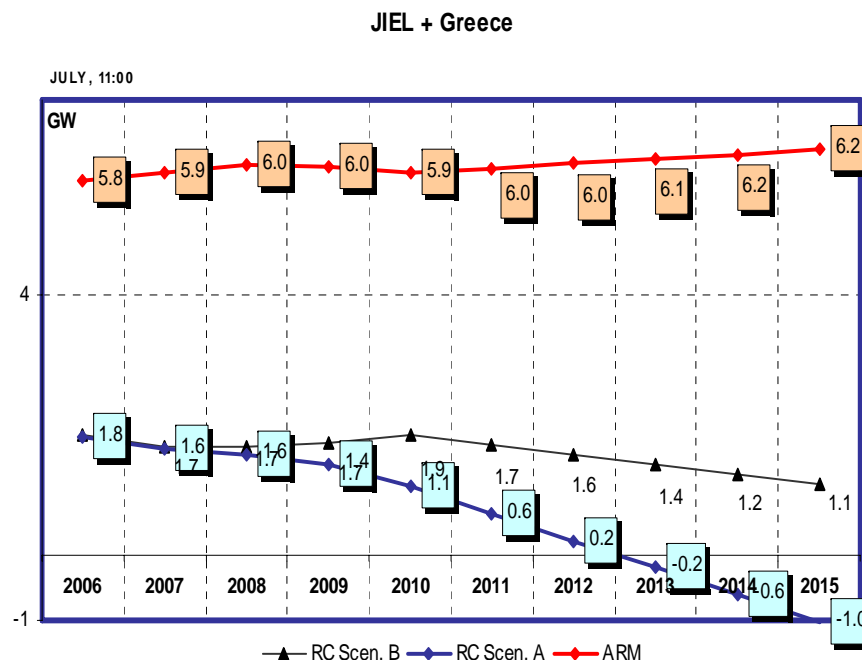
- Generation capacity is decreasing slowly from 2006 to 2010 but adequacy is achieved for this period.
- ARM is just met in summer 2010
- In 2015 the NGC remains at the same level as 2006 : additional investments up to 2 GW are needed to meet the ARM.



- Generation adequacy is achieved till 2010
- New commissionings, as expected in scenario B, should allow to achieve adequacy till 2015

Detailed analysis - South Eastern UCTE

- The remaining capacity of the block is low and reliability is not ensured over 2006 on to 2015.
- Margins are 3 GW below ARM for summer load and 1 GW below for winter peak in 2008
- The situation will be worsened if expected investments are not realised. (only 1.5 GW are planned to be commissioned from 2006 to 2010)



Import from other block will play a crucial role, especially in summer