

Hydropower and its future role - Serbian experiance

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Balancing market

- Procurement of balancing capacity and balancing energy are based on the fact that, in Serbia, there is currently only one party with the role of Balancing Service Provider that can offer balancing services.
- BSP is Electric Power Utility of Serbia (EPS), which owns and controls all balancing entities and is obliged to offer them to the TSO.
- FCR service (capacity and energy) is mandatory obligation for all dispatchable units and it is free of charge.

Balancing market

- Procurement of balancing energy is market-based. Procedure is defined in Market Code.
- According to Market Code, in order to participate in balancing mechanism, TSO and BSP are obliged to sign the corresponding Contract. Providers of automatic FRR, mFRR and RR are generators and dispatchable loads (i.e. reversible hydro power plant or pumped storage when in pumping regime).

New PSHPPs

- **Bistrica**
 - Installed capacity 680 MW
- **Djerdap 3**
 - Installed capacity 600 MW

Legislative

- **Monitoring of the water regime and quality (accumulation, water courses, ground water), as well as the regime and the quality of the deposits.**
- **Protection against erosion, flooding, deposits and ice, revegetation of the river basin.**
- **Protection of the coastal area.**
- **Protection of water, especially of accumulation lakes which should be used for other purposes.**
- **Project for organization and for environmental protection management system.**
- **Preparation of the water pollutant register and preparation of the monitoring system for accumulation lakes and coastal area.**
- **Introduction of the information system with regard to protection of water and coastal area.**