

PCI 2.24: Hydro-pumped storage Dospat

TYPE OF PROJECT

Pumped-storage hydropower plant – The project encompasses the construction of a new PSHPP “Dospat” using the two existing dams Dospat and Shiroka Polyana as reservoirs.



LOCATION

Southern Bulgaria, near Dospat (the highest-altitude town in the country)

PROJECT STATUS

- Included under No. 1075 in the TYNDP 2024 and TYNDP 2026 of ENTSO-E
- Approved on 01.12.2025 by the European Commission for inclusion in the EU PCI list 2025

TECHNICAL SPECIFICATIONS

Installation of new generating/pumping capacity

- Planned capacity in generation mode: ~800 MW
- Planned capacity in pumping mode: ~728 MW

Total storage volume

- Planned storage capacity: 14 GWh
- Commissioning year: 2032

Project phase

Pre-feasibility studies

Contact us: For additional information and documents regarding the project or to provide feedback as part of our public consultations: nek@nek.bg

