PROJECT INVESTMENT DATA

Normal water-surface elevation	1,300 m
Installed capacity	251 MW
Average annual electricity production	1,700 mln. kW/h
Reservoir volume	860 mln. m3
Total estimated construction cost	US$ 376.5 mln.
Construction period	5 years

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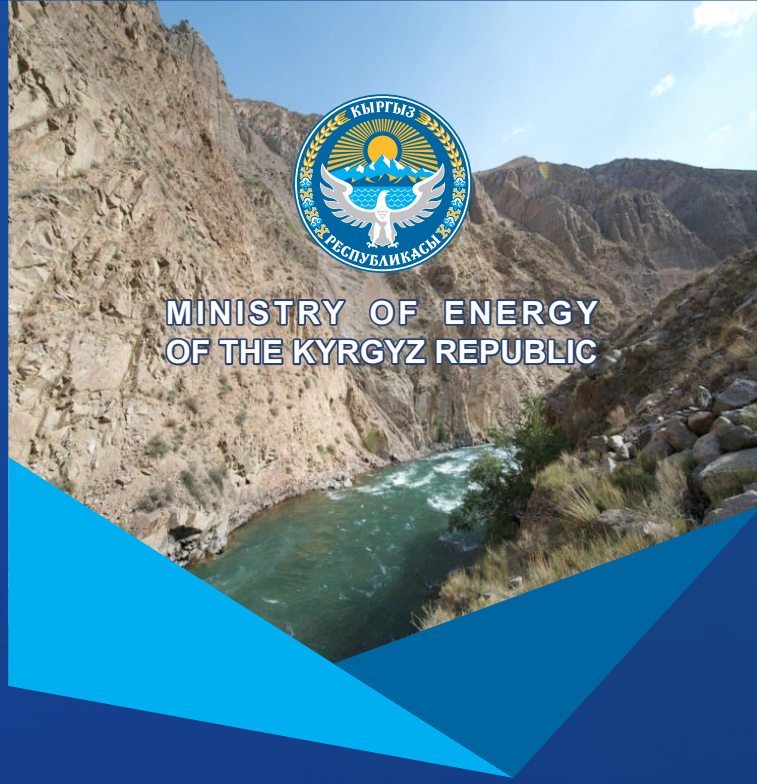

MINISTRY OF ENERGY OF THE KYRGYZ REPUBLIC

CHATKAL HPP CONSTRUCTION PROJECT

The project is located in Chatkal District of Jalal-Abad Region, on Chatkal River. The dam is located 2 km upstream from the project site, where Chatkal River is joined by its tributary Khargush River.

Construction of Chatkal HHP will require flooding of a narrow gorge along the river's bed, and establishment of a 10-kilometer water diversion canal.

Description of
Chatkal HPP
Construction Project:

- In 1970-80, "TashHydroProject" Design Institute developed a layout diagram for this cascade consisting of:
  - Barkrauk HPP (700 MW), and
  - Mintukum HPP (1,100 MW)
- In 2022, OJSC "TashHydroProject" prepared a design for construction of 2 HPPs with the total capacity of 1,050 MW:
  - Barkrauk HPP (700 MW), and
  - Mintukum HPP (350 MW)
- According to the proposed schemes, most of the Ak-Tash village, along with adjacent cultivated fields and a zone of the Besh-Aral state nature reserve, would fall under the flood zone
- To mitigate the impacts of relocating the local population and minimize the effects on biodiversity and ecology within the Besh-Aral state nature reserve, the National Academy of Sciences of the Kyrgyz Republic proposed a new location for the Chatkal HPP. The recommended site is situated 2 km upstream from the confluence of the Khargush River's right-bank tributary, with a normal pool level elevation of 1,300 meters.
- In this case, the narrow gorge of the Chatkal River bed will be flooded, while the village site and the Besh-Aral state nature reserve will remain unaffected

Kyrgyz Republic's total hydropower potential	**More than 142.5 bln. kW/h**

3rd place among the CIS counties (after Russia and Tajikistan) in terms of hydropower potential

Currently, the country uses 13% of its hydropower potential