

PROJECT INVESTMENT DATA

Upper Naryn HPP Cascade	4 HPPs
Installed capacity	237.7 MW
Average annual electricity production	942.4 mln. kW/h
Maximum turbine flow rate at design head	120 m3/s
Total estimated construction cost	US\$ 727.7 mln.
Construction period	5 years

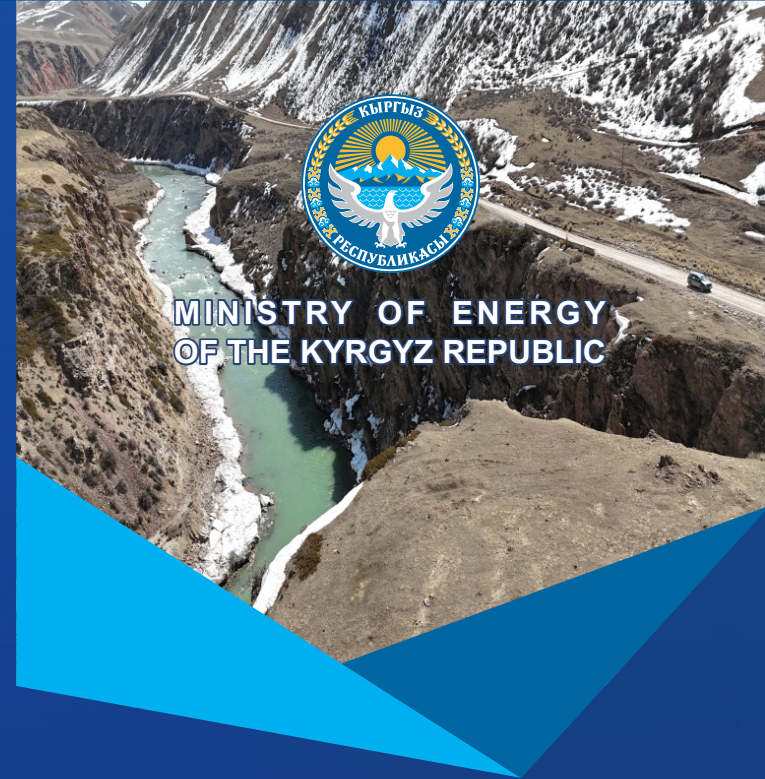


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MINISTRY OF ENERGY
OF THE KYRGYZ REPUBLIC

UPPER NARYN HPP CASCADE CONSTRUCTION PROJECT





The project's facilities are located in Naryn Region, covering the section of Naryn River starting from the junction of Big Naryn and Small Naryn and ending by the city of Naryn.

The project involves construction of 4 hydroelectric power plants. All plants will have small reservoirs with dams and water diversion canals to reduce the flooded land area.



Upper Naryn HPP Cascade construction project implementation status:

- Lands for construction of the HPP cascade are allocated
- Phase 1 of the construction camp for 450 workers (with all communications) is 100% complete
- A concrete plant that can produce 35 m³ of concrete per hour is installed
- Temporary power supply: 35/10 kV substation, more than 10 km of 35 kV and 10 kV overhead lines, 8 transformers of various capacities are commissioned



- Design and survey work: design documentation for the main structures of the cascade's waterworks, working documentation (Ak-Bulun HPP and Naryn-1 HPP), and topographic survey are completed, the construction layout plan is updated
- EIA is developed
- All necessary government permits are obtained

**Kyrgyz Republic's
total hydropower
potential**

**More than
142.5 bln.
kW/h**

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

*Currently, the country uses 13%
of its hydropower potential*