

## PROJECT INVESTMENT DATA

Kazarman HPP Cascade	4 HPPs
Installed capacity	1,160 MW
Average annual electricity production	4,661.6 mln. kW/h
Reservoir volume	3,224 mln. m3
Total estimated construction cost	US\$ 2,083.9 mln.
Construction period	8 years



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MINISTRY OF ENERGY  
OF THE KYRGYZ REPUBLIC

**KAZARMAN HPP  
CASCADE  
CONSTRUCTION  
PROJECT**





## Description of Kazarman HPP Cascade Construction Project:



**The project is located in Toguz-Toro District of Jalal-Abad Region,** covering the section of Naryn River starting from between Ala-Buga River and Kokomeran River (both are tributaries to Naryn River).

The project involves construction of 4 HPPs with the total installed capacity of 1,160 MW. The average annual electricity generation will be 4,661.6 million kW/h.



- In 1990, the Central Asian division of "HydroProject" All-Soviet Design, Survey and Scientific Research Association developed the "Updated Scheme for Using the Upper Reaches of Naryn River" that provided preliminary technical and hydrogeological parameters of Akbulun HPP, Karabulun HPP and Toguz-Toro HPP

- The layout and composition of Alabuga HPP are identical to the layout diagram designed for Kambarata-1 HPP construction project

- Karabulun-1 HPP and Karabulun-2 HPP, Toguz-Toro HPP are an attractive option, as

their small dams create a daily regulation reservoir, and in the future these plants will operate as a single cascade

- Proximity of the construction site to the external roads ("North-South" highway) and Kambarata-1 HPP site will facilitate rapid mobilization without extra costs

<b>Kyrgyz Republic's total hydropower potential</b>	<b>More than 142.5 bln. kW/h</b>
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**3rd place among the CIS counties (after Russia and Tajikistan) in terms of hydropower potential**

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