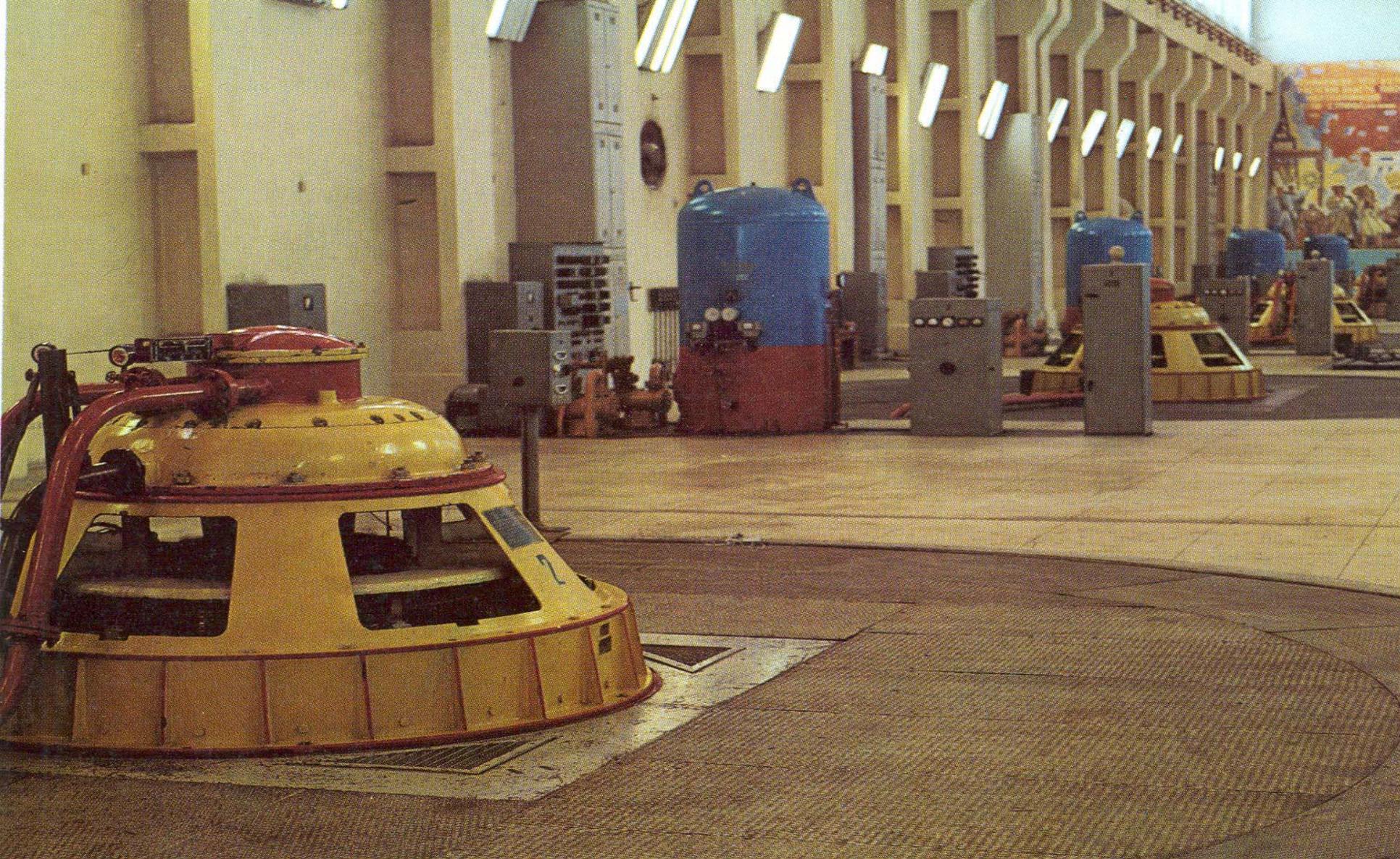




IEEJ : June 2011

*Ministry of Energy and Industry of the  
Republic of Tajikistan*

# **ENERGY POLICY**



*The General established capacity of power stations makes 5060mW.*



**The largest hydro  
power plant of  
Republic Tajikistan  
is Nurek hydro  
power plant capacity  
3000 mW.**



**Baypazin hydro power plant, capacity  
600mW.**

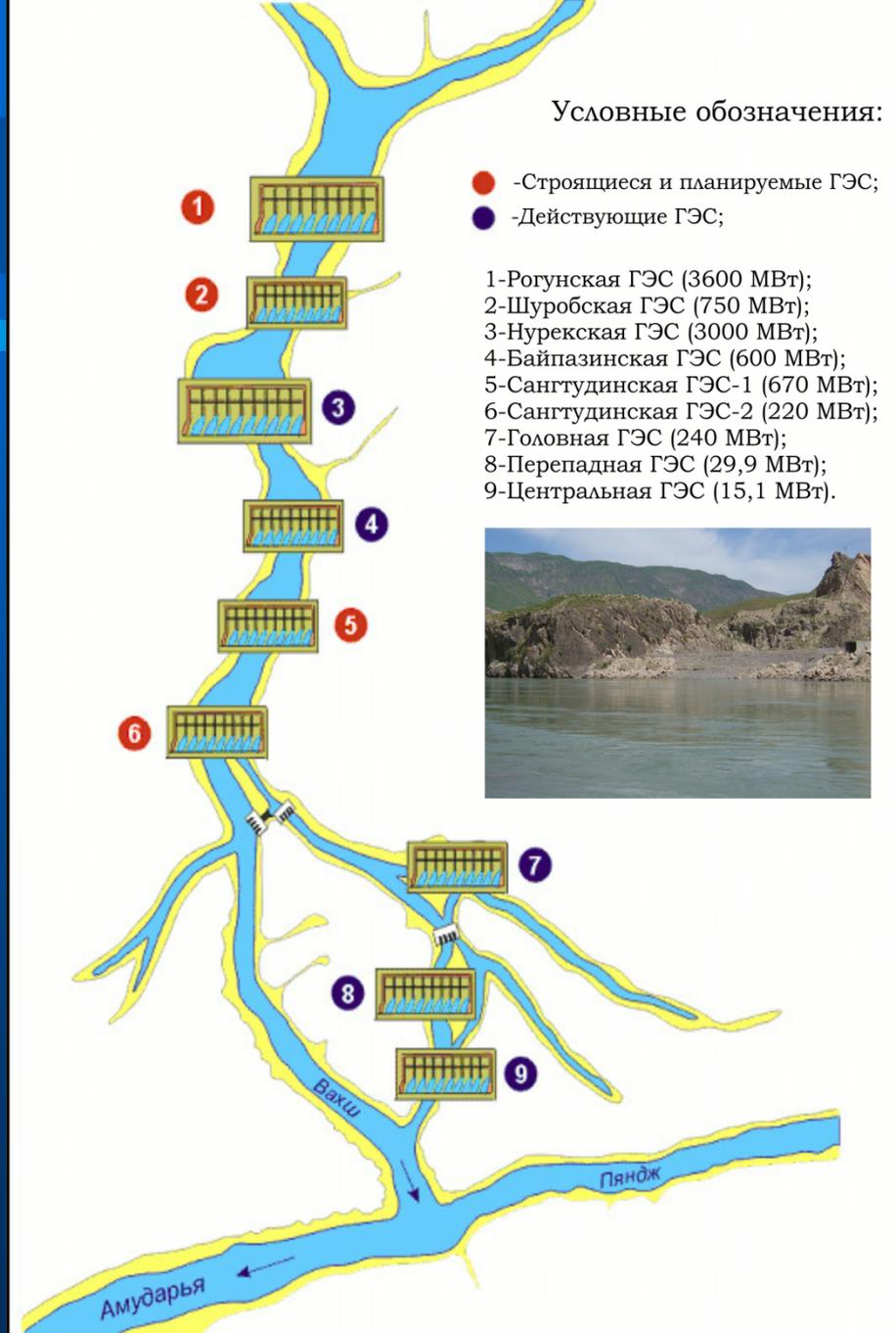


**Sangtuda hydro power plant  
capacity - 670mW**



On the river  
Vakhsh  
constructed and  
successfully work  
the Cascade of  
Vakhsh the  
general capacity  
285 mW.

Схема Вахшского каскада ГЭС.





**On the river Varzob -cascade of  
Varzob hydro power plant as the  
general capacity 25 mW.**



**On the river Syr-Darya Kayrakkum of hydro power plant capacity 126 mW.**



**Also for the purpose of an electrical supply of mountain remote settlements, are placed in operation more than 25 small Hydro Power Plant by capacity from 100kW to 1500kW and more than 140 Smaller Hydro Power Plant capacity from 5 to 100kW**



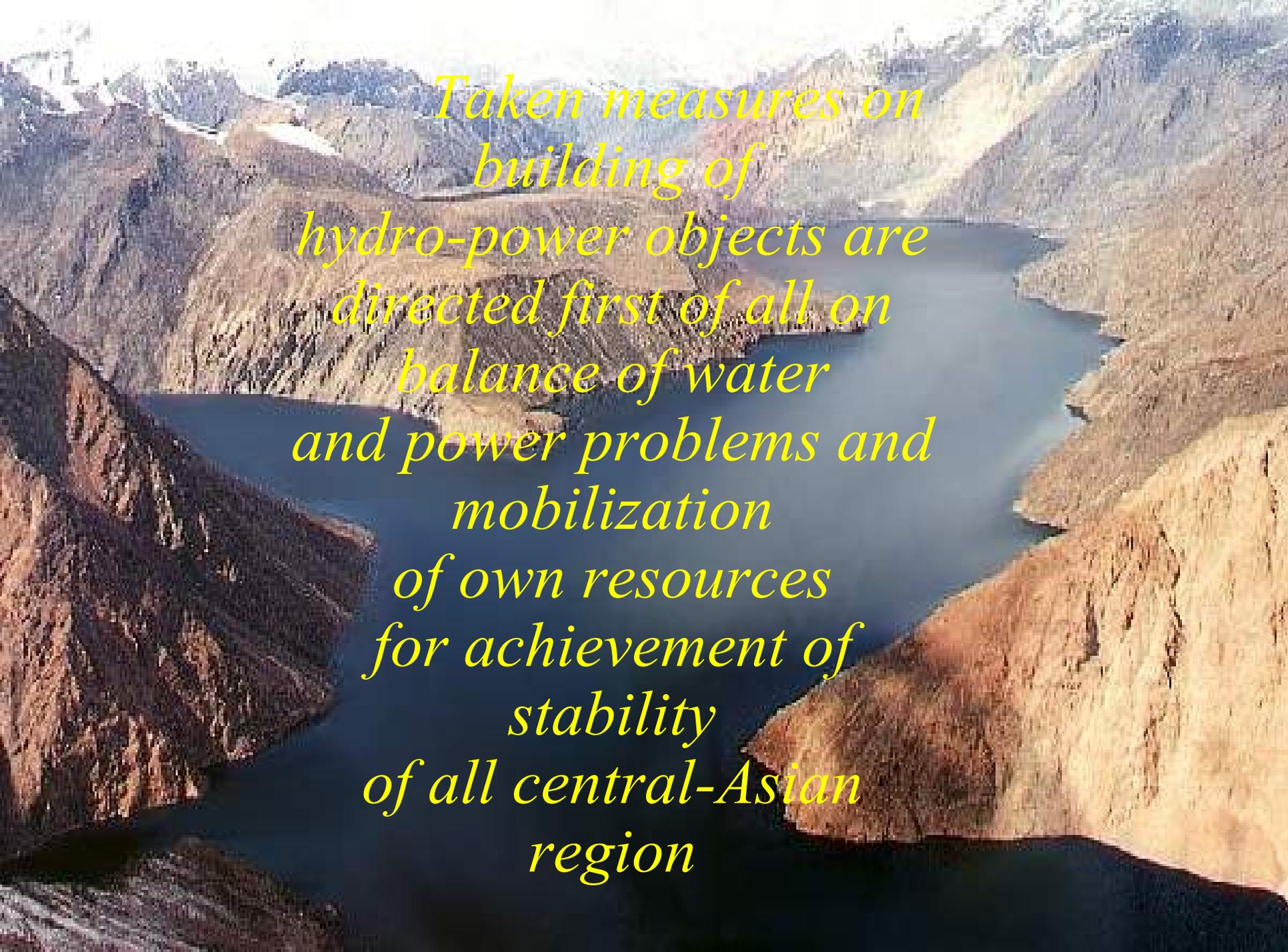
*The power program developed in the early eighties last century,planned intensive development of power of Tajikistan at the expence of building of large Hydro Power Plant. This program provided input of new capacities in volume of 22.4 thousand mW,with a corresponding gain of development of 86/8 billion kw/h. In year, that is 5-fold development of a power supply system*



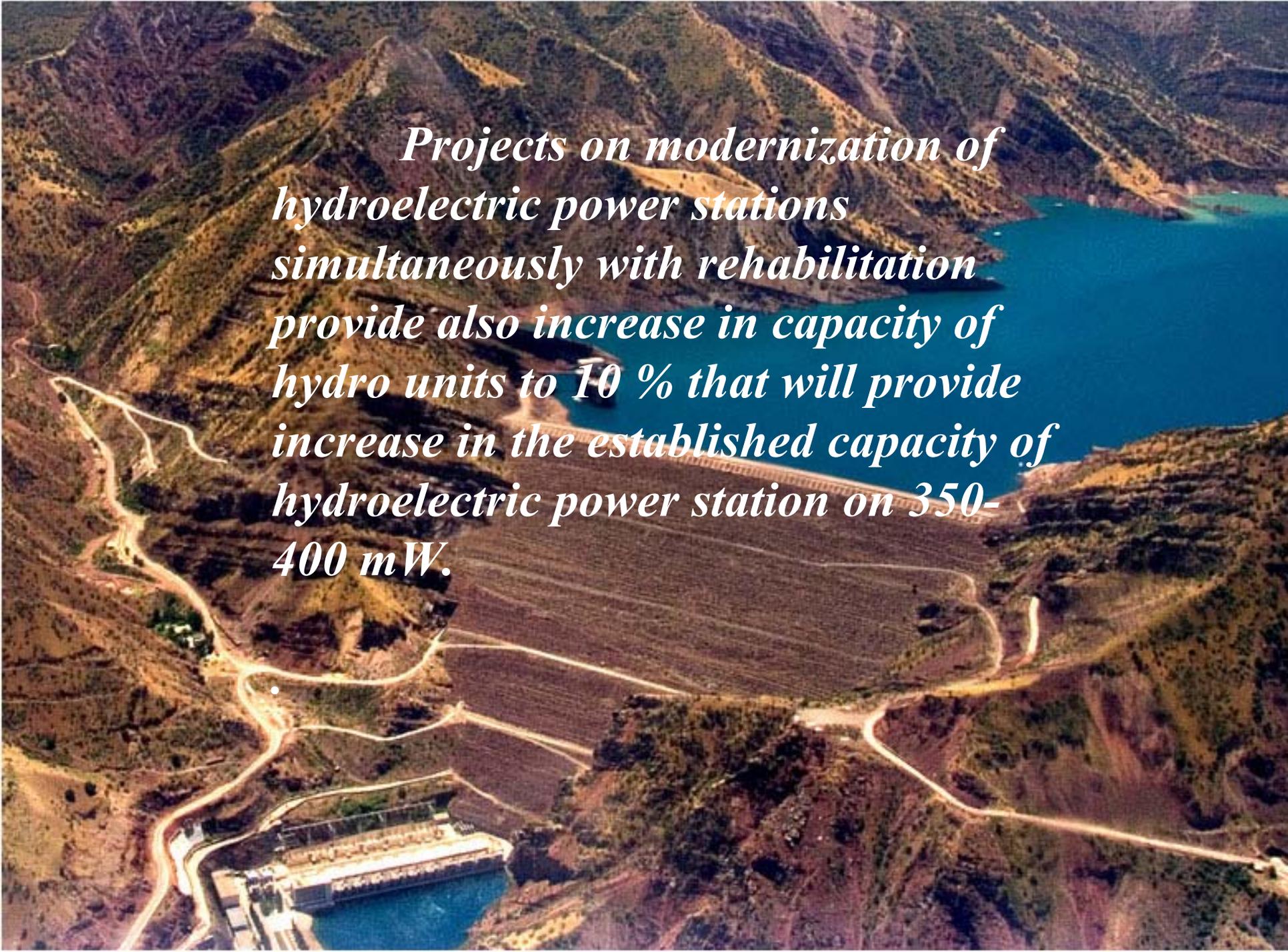
*Now the Republic of Tajikistan carries out the wide program on building of objects having priority strategic value for a national economy. Tajikistan distinctly understands that own power safety cannot be reached at the expense of decrease in safety of the next states. Taken measures on building of hydro-power objects are directed first of all on balance of water and power problems and mobilization of own resources for achievement of stability of all central-Asian region.*

**Taken measures on building of hydro-power objects are directed first of all on balance of water and power problems and mobilization of own resources for achievement of stability of all central-Asian region**



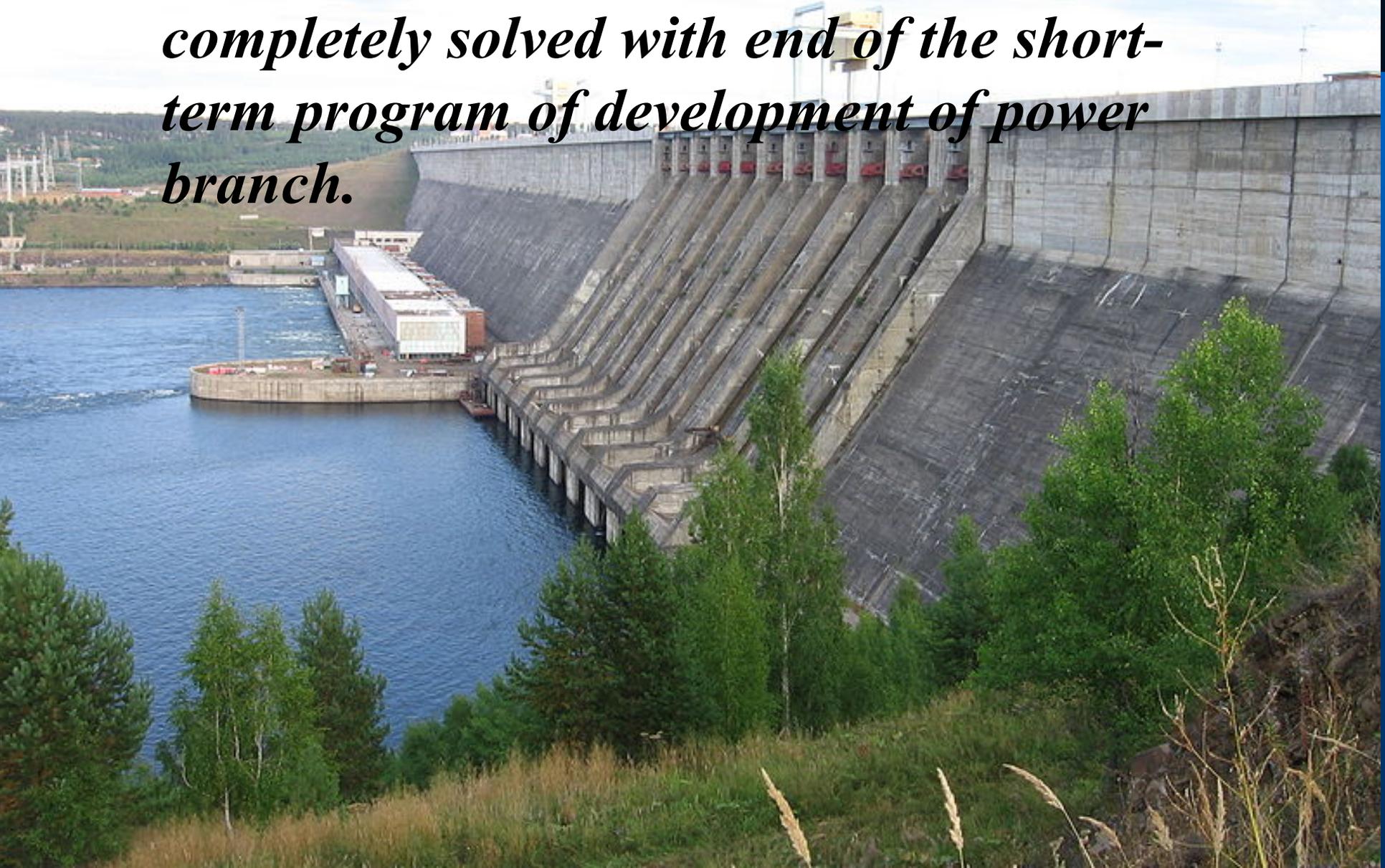
An aerial photograph of a large, deep reservoir nestled in a rugged, mountainous landscape. The water is a dark blue-grey color, contrasting with the brown and tan rocky slopes. In the background, snow-capped mountain peaks are visible under a clear sky. The text is overlaid on the right side of the image.

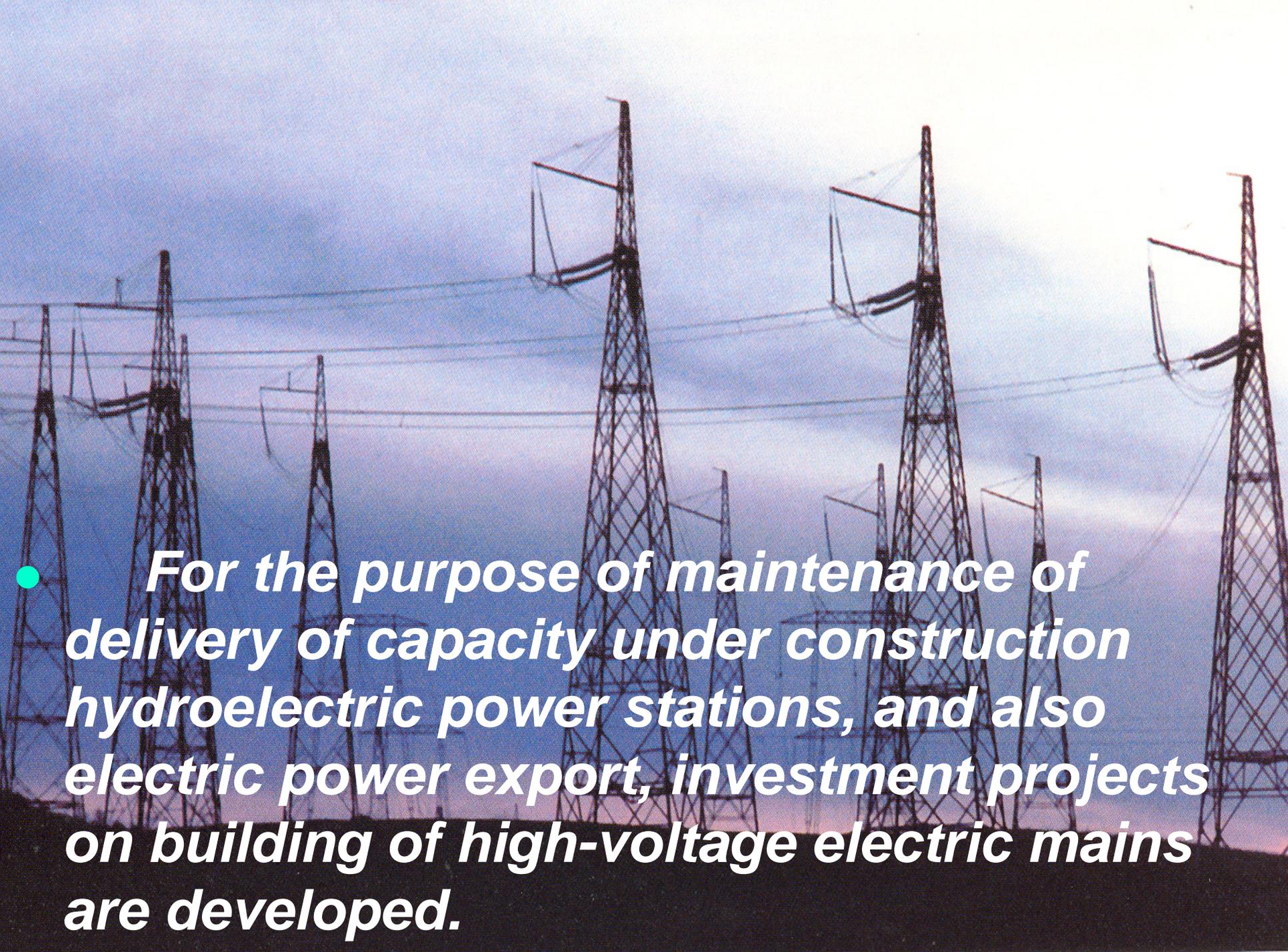
*Taken measures on  
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of all central-Asian  
region*

An aerial photograph of a large dam and reservoir. The dam is a long, low structure with a concrete spillway, situated in a deep valley. The reservoir behind it is a vibrant blue color. The surrounding landscape is rugged and mountainous, with sparse vegetation and some roads winding through the terrain. The text is overlaid on the upper left portion of the image.

*Projects on modernization of hydroelectric power stations simultaneously with rehabilitation provide also increase in capacity of hydro units to 10 % that will provide increase in the established capacity of hydroelectric power station on 350-400 mW.*

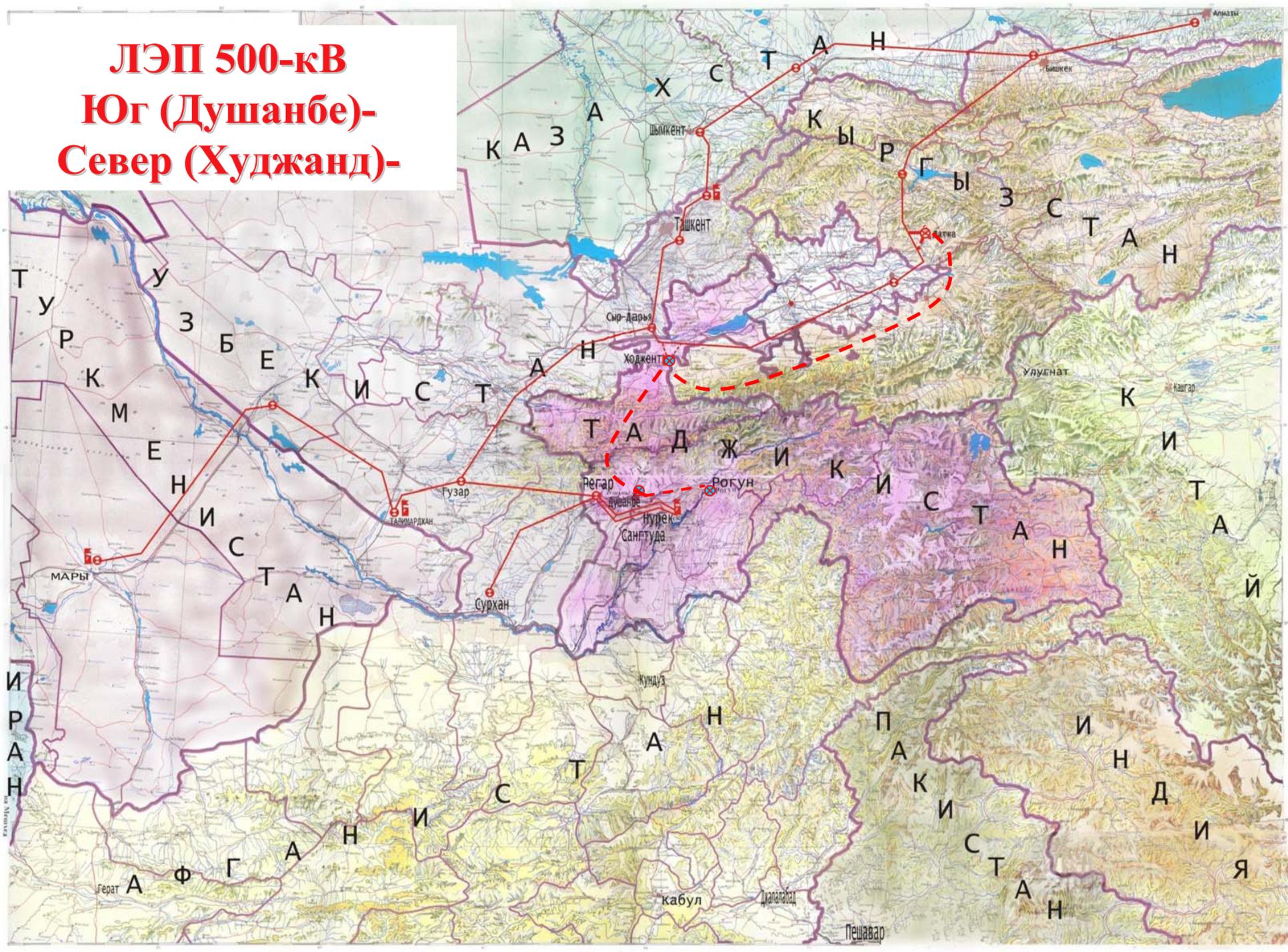
*In 2013 the question of power safety of Republic Tajikistan is completely solved with end of the short-term program of development of power branch.*



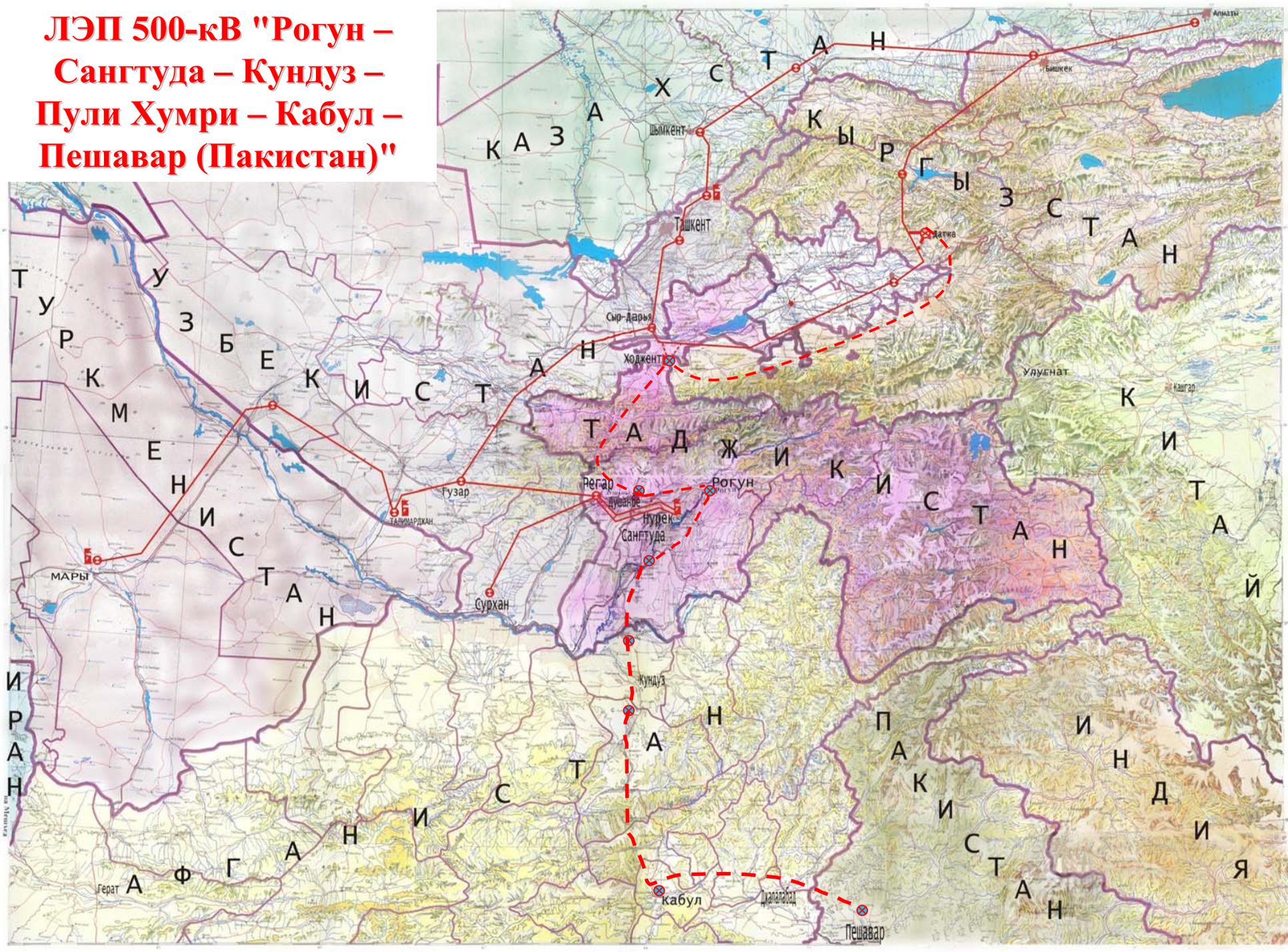


- ***For the purpose of maintenance of delivery of capacity under construction hydroelectric power stations, and also electric power export, investment projects on building of high-voltage electric mains are developed.***

# ЛЭП 500-кВ Юг (Душанбе)- Север (Худжанд)-



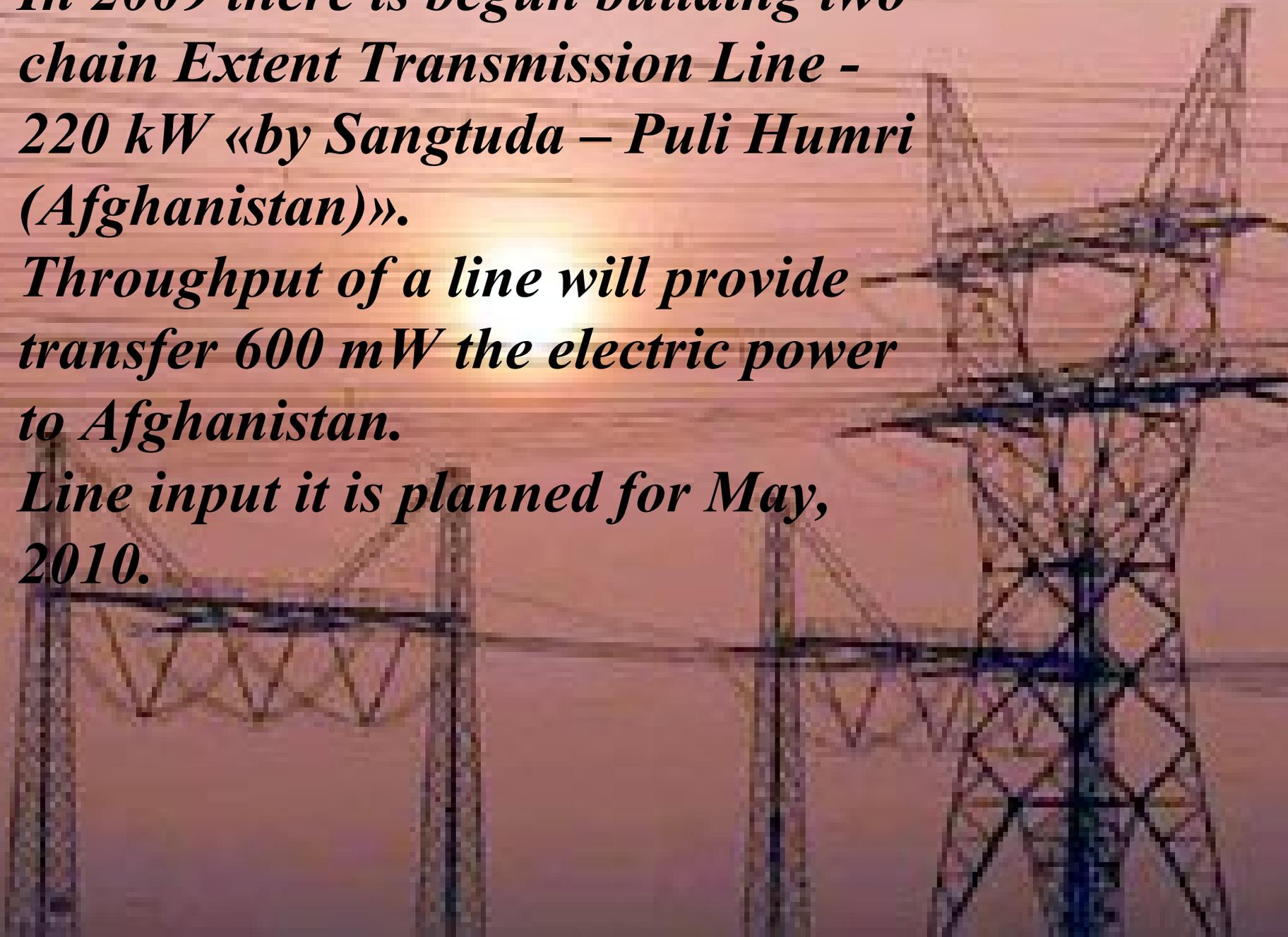
# ЛЭП 500-кВ "Рогун – Сангтуда – Кундуз – Пули Хумри – Кабул – Пешавар (Пакистан)"

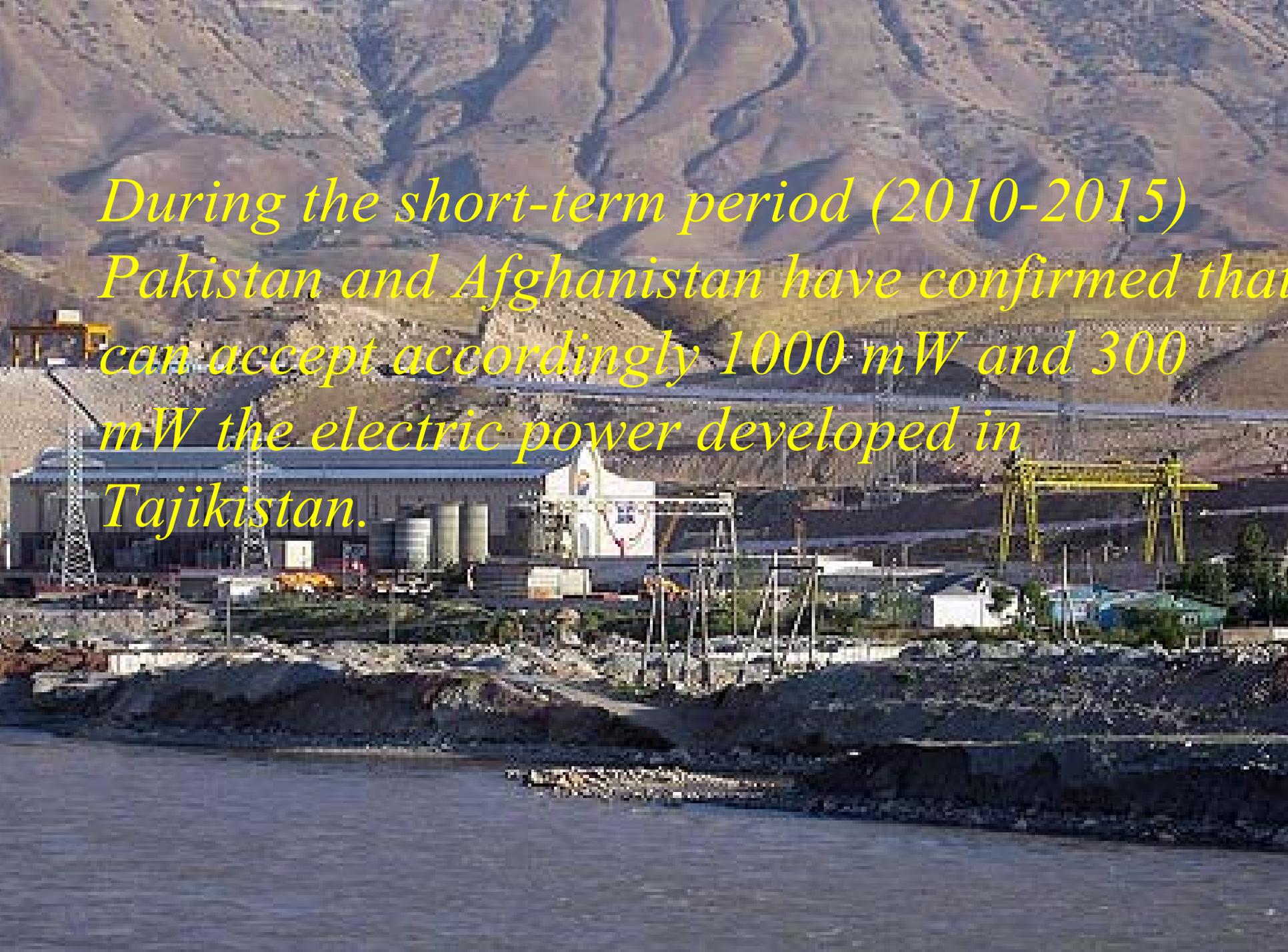


*In 2009 there is begun building two-chain Extent Transmission Line - 220 kW «by Sangtuda – Puli Humri (Afghanistan)».*

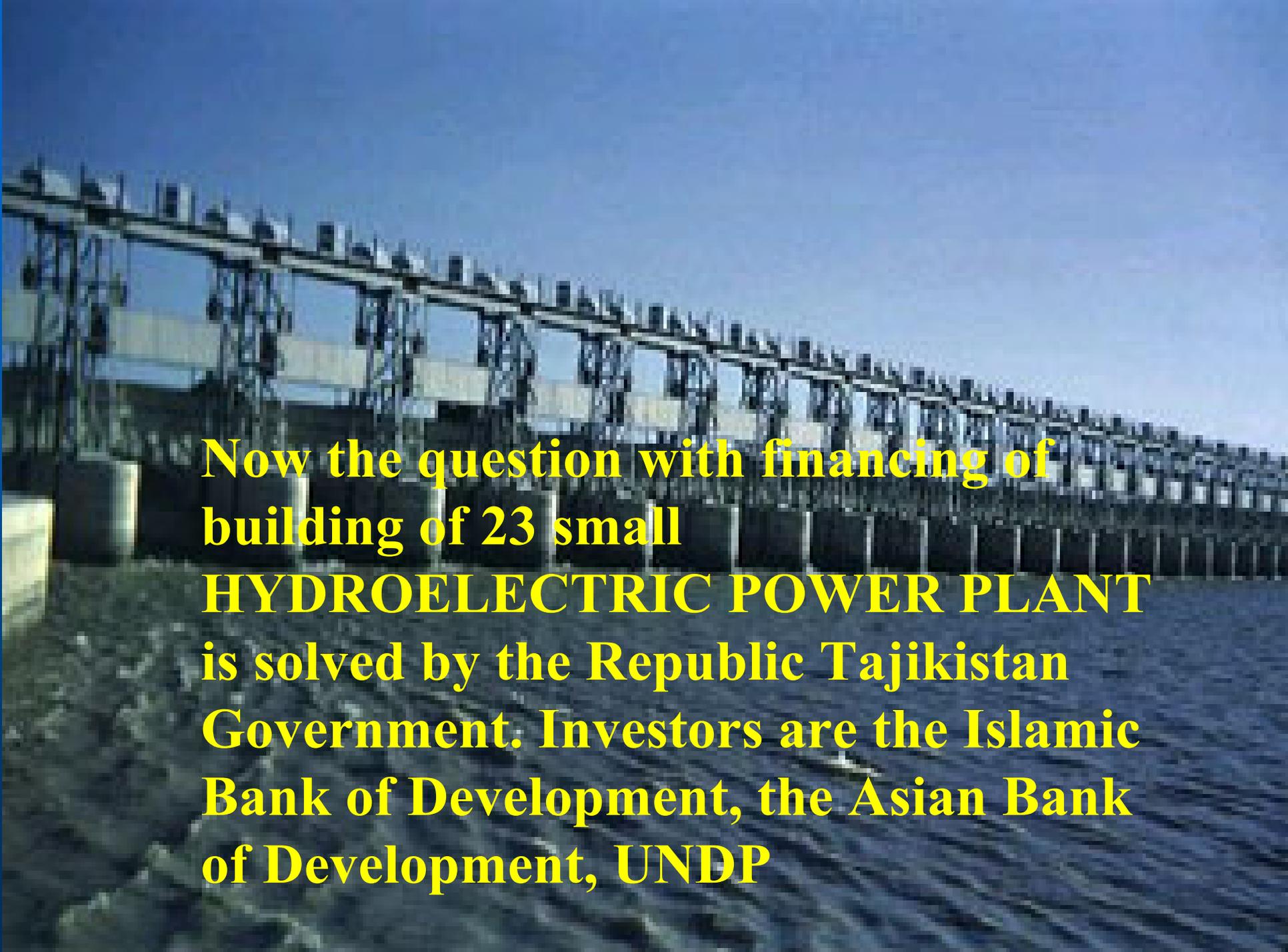
*Throughput of a line will provide transfer 600 mW the electric power to Afghanistan.*

*Line input it is planned for May, 2010.*





*During the short-term period (2010-2015)  
Pakistan and Afghanistan have confirmed that  
can accept accordingly 1000 mW and 300  
mW the electric power developed in  
Tajikistan.*



**Now the question with financing of building of 23 small HYDROELECTRIC POWER PLANT is solved by the Republic Tajikistan Government. Investors are the Islamic Bank of Development, the Asian Bank of Development, UNDP**



*Development of hydropower resources of Tajikistan for the purpose of development concerning the cheap competitive non-polluting electric power in volumes of the states of Southern and Central Asia providing increasing requirement would create conditions for restraint of increase in development of electric energy at thermal stations and by that, would improve an ecological climate in region.*



**Thank's for attention !**

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*Насыпная плотина на Нурекском водохранилище (300м)  
Bulk dam on the Nurek water reservoir (300m)*