



1ST ENERGY INVESTMENT FORUM
24 OCTOBER 2016 • ISLAMABAD, PAKISTAN

1-ый ИНВЕСТИЦИОННЫЙ ФОРУМ ПО ЭНЕРГЕТИКЕ
24 ОКТЯБРЯ 2016 г. - ИСЛАМАБАД, ПАКИСТАН

Prospective Investment Projects



Hydro power potential

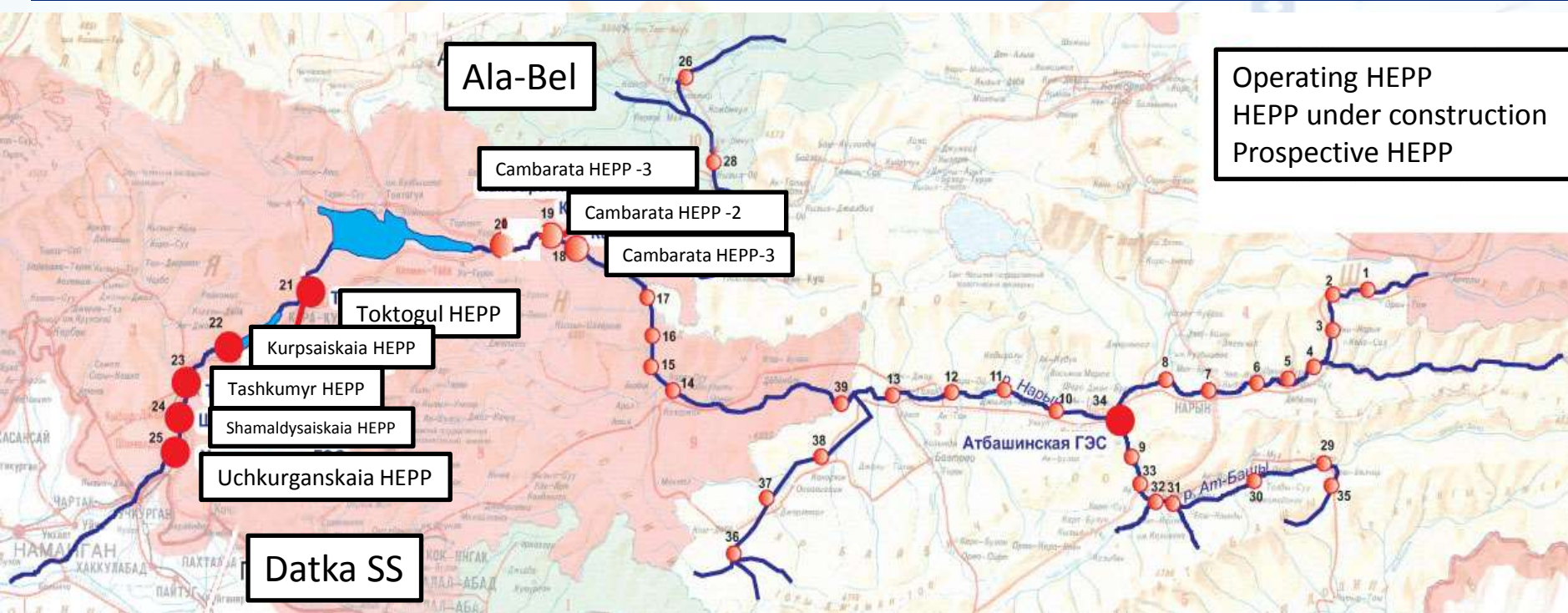
General indicators

- Total hydro power potential of Kyrgyz Republic – **142,5 bln. kWh**
- Kyrgyzstan holds third place in CIS after Russia and Tajikistan
- Potential development percentage comprises only **10%**

Sector Prospects

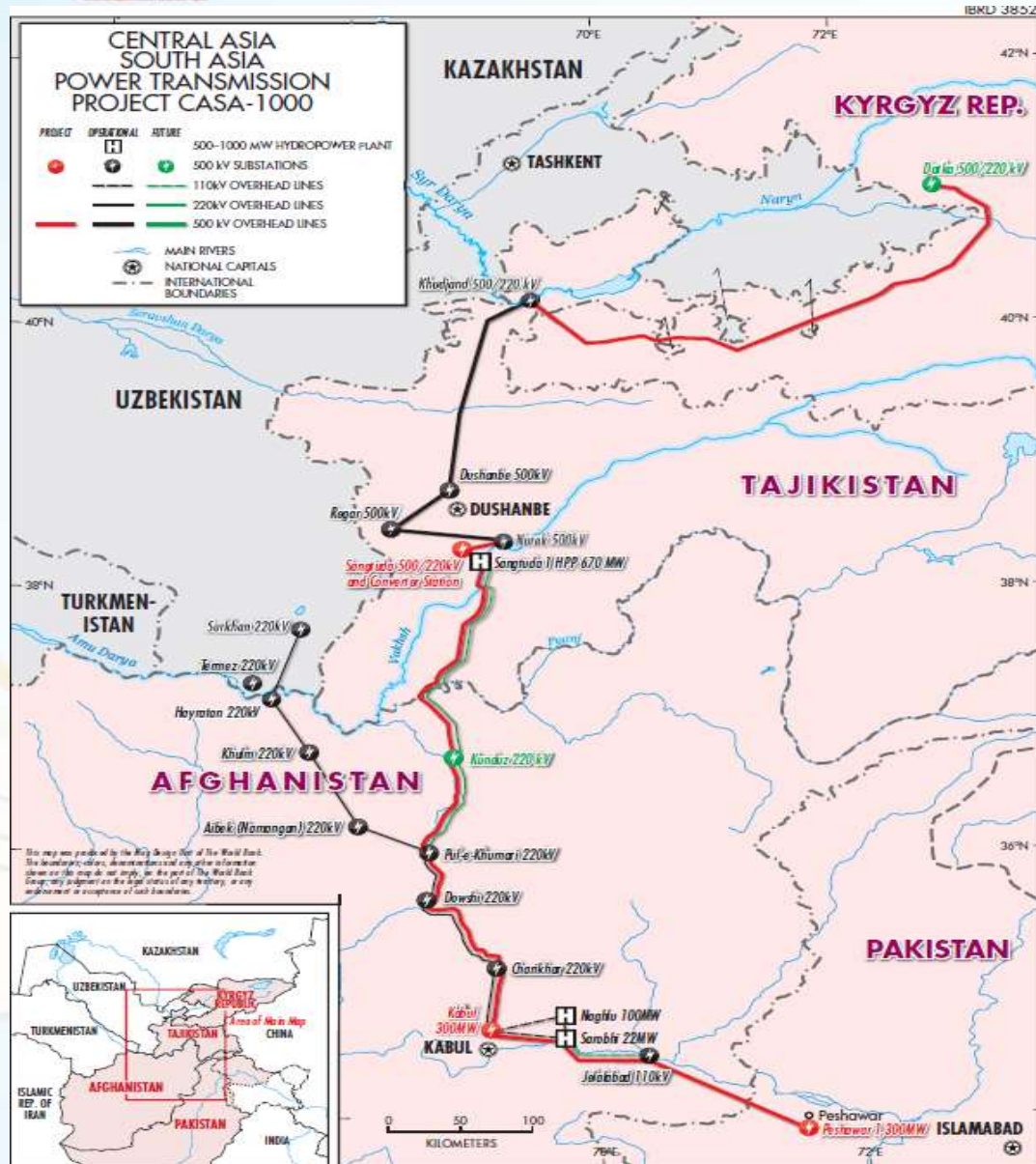
- **8** cascades of **34** hydro power plants can be built on the Naryn River
- Summary installed capacity of prospective Cascades is **6 450 MW**
- Average annual generation is over **25 bln. kWh** of electricity

HEPP location on Naryn River



Prospective HEPP

Name of HEPP	Quantity HEPP, шт.	Summary cascade capacity, MW	Average multiyear generation (mln. kWh)	Construction period, months	Approximate capital investments, mln. US Doll.
Verhnenaryn HEPP cascade	4	237,7	942,4	72	727,7
Kambarata HPP-1	1	1 860	5 640,0	96	2 868,5
Suusamyр-Kokomerenskii HEPP Cascade	3	1305	3 323	100	3 343,9
Cazarman HEPP Cascade	4	1 160	4 661,6	-	-
Kulanakskii HEPP Cascade	5	439	2 667,8	-	-
Alabuga River Cascade	4	414	1 711	-	-
At-Bashy River Cascade	7	172,2	918	-	-



Construction of transmission lines CASA-1000 allow:

I stage the most of surplus electricity capacity of 1,300 MW in the summer (May-September), which is formed at the existing stations in Central Asia: Kyrgyz Republic - 450 km of the 500 kV alternating current from the substation Datca (KR) to substation Sughd (PT border) and the Republic of Tajikistan - 115 km), as well as to ensure the supply of electricity to consumers in South Asia (Afghanistan and Pakistan), experiencing its deficit.

II stage according to rules of CASA-1000 project open access to use the ability to export electricity during the winter (October-April) to third parties.

Cooperation options

- Implementation in the form of the investment project (direct investments), which involves the participation of investors in the share of the authorized capital of created joint venture.

- Implementation in the form of public private partnership (PPP), including in the form of models like as:
 - BOT (Build, Operate, Transfer);
 - BOOT (Build, Own, Operate, Transfer);
 - BOMT (Build, Operate, Maintain, Transfer).

The state support (preferences)

- Protection of foreign investment in accordance with the legal system of Kyrgyz Republic.
- Assistance in obtaining licenses, permits and approvals.
- Assist in the implementation of the export of electricity within the project “CASA-1000” (according to the rules of open access for third parties).
- Tax preferences (installments/postponement of customs duties, some types of taxes on imported equipment):
 - Land tax;
 - Tax on profits.
- Minimized number of inspections by regulatory authorities.
- Most favored mode.
- Equal conditions for the activities of foreign and local companies.
- Access to all sectors of the economy.
- Participation in privatization, purchase of shares and securities of Kyrgyz companies.
- Features extensive cooperation with the state within the law of Kyrgyz Republic “About Public Private Partnership”.
- The freedom to choose the form and investment objects.
- Available work force.



1ST ENERGY INVESTMENT FORUM

24 OCTOBER 2016 • ISLAMABAD, PAKISTAN

1-ый ИНВЕСТИЦИОННЫЙ ФОРУМ ПО ЭНЕРГЕТИКЕ

24 ОКТЯБРЯ 2016 г. - ИСЛАМАБАД, ПАКИСТАН

Thank you for attention!

OJSC National Energy Holding Company

720055, Kyrgyz Republic, Bishkek,

Akhunbaeva str., 119

tel. +996 312 561822

fax. +996 312 561928

web: www.energyholding.kg

e-mail: energyholding.kg@gmail.com