



Rogun Hydropower Project Assessment Studies Riparian Consultation and Information Sharing

An Update on Studies

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The World Bank

Fourth Riparian Consultation and Information Sharing Session

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Role of the World Bank in the Rogun Assessment Studies

- To finance an **independent assessment** of the Rogun project's viability on technical, economic, social and environmental grounds.
- To apply **international standards** for assessing the Rogun project on aspects – technical, economic, environmental, and social.
- To establish and fund the independent **Engineering and Dam Safety Panel** and **Environmental and Social Panel** to ensure in-depth review of the assessment studies, as well as objectivity through independent advice and guidance.
- To facilitate **consultations and information sharing** among riparians and stakeholders based on study findings.

Study Process Timeline to Oct. 2013

2010

- International competitive procurement process undertaken by Barki Tajik to select TEAS and ESIA consultants (under Bank's Supervision)

2011

- February - WB credit to GoT to fund studies
- February - Assessment Studies contracted to Coyne et Bellier and Poyry Energy
- March – Independent Panel of Experts contracted by the World Bank
- May - Inception Reports; First Riparian Consultation and Information Sharing
- July-Aug - Stage 1 dam determined not feasible; assessment of full-height dam to be completed

2012

- February – Additional financing for studies approved by the World Bank
- August – GoT and WB clarify study process and schedule, agree on cessation of construction works and a Schedule of Maintenance for monitoring.
- November– Second Riparian Consultation and Information Sharing

2013

- February - Third Riparian Consultation and Information Sharing
- June - GoT outlined a schedule and detailed plan for adhering to agreements made that no construction take place until the studies are completed
- October – Fourth Riparian consultation and Information Sharing

Panels of Experts

Engineering and Dam Safety

- Roger Gill – Chair, Hydropower Policy
- Ljiljana Spasic-Gril - Dam Engineering & Safety, Seismic Engineering
- Paul Marinos - Engineering Geology and Rock Mechanics
- Gregory Morris - Sedimentation
- Ezio Todini - Hydrology
- John Gummer – Electro-mechanical works
- Julian Bommer- Seismicity

Environment and Social

- Torkil Jønch Clausen - Chair, Water Resources
- Erik Helland-Hansen - Planning and Hydropower
- Richard Fuggle - Environment
- Frederic Giovannetti - Resettlement
- Ezio Todini - Hydrology

Topics for Discussion Today

Consultants' Assessments

- *Summary of draft Phase 0 Report* – Geological and Geotechnical Investigation of the Salt Wedge in the Dam Foundation and Reservoir

The report examines the potential impact on dam safety of the wedge of salt that exists along the Ionakhsh Fault and serves as a critical decision point in the overall study process.

Topics for Discussion Today (cont'd)

- *Summary of draft Phase I Report* – Assessment of existing Rogun HPP works

The report evaluates the conditions of the existing facilities, including tunnels and caverns, and makes recommendations for bringing the facilities to the required standards of safety and quality.

- The Engineering and Dam Safety PoE will provide their own assessment on the two reports.

Topics for Discussion Today (cont'd)

- The reports will be finalized after comments received from riparian counterparts and civil society stakeholders are reviewed and appropriately taken into account.

Current Status of Studies

- TEAS Phase 0 and Phase I Reports – To be finalized after the Fourth Riparian Consultation and Information Sharing Session
- TEAS Phase II Reports – Ongoing, Several chapters drafted; Economic and financial analysis underway
- ESIA Report – Ongoing, Several components drafted