

Project Proposal 18

Project title:	CHARGAIT HYDROPOWER PROJECT
Project background, project outline:	~ The hydropower plant shall supply electricity to the national grid and center of Khuvsgul aimag, Khatgal village. The reservoir shall be used exclusively for power generation.
Production scale:	~ Installed design capacity is 15 MW, The mean annual power generation is 68,3 GWh.
Market orientation and market analyses, market survey:	The feasibility study of the Chargait Hydropower Project in Mongolia was carried out and it covered all economic studies.
Cooperation mode:	Any mode can be accepted, Soft loan of International or private financial organization and BOT will be more affordable.
Total investment:	61.2 million US\$
Requested Investment from foreign partners	61,2 million US\$
Project venue, construction venue	Delgermoron river, Tosontsengel soum, Khuvsgul province
Occupation area and construction area:	Reservoir height – approx. 35 m Reservoir area – 45 km ² , installed capacity – 15 MW, 28,5x14x20m measured construction with Double turbine generator.
Estimated economic benefit:	EIRR – 6.4 %
Investment recovery period:	10 years (18 years by statistics)
Project progress:	The feasibility study of the Chargait Hydropower Project in Mongolia was carried out.