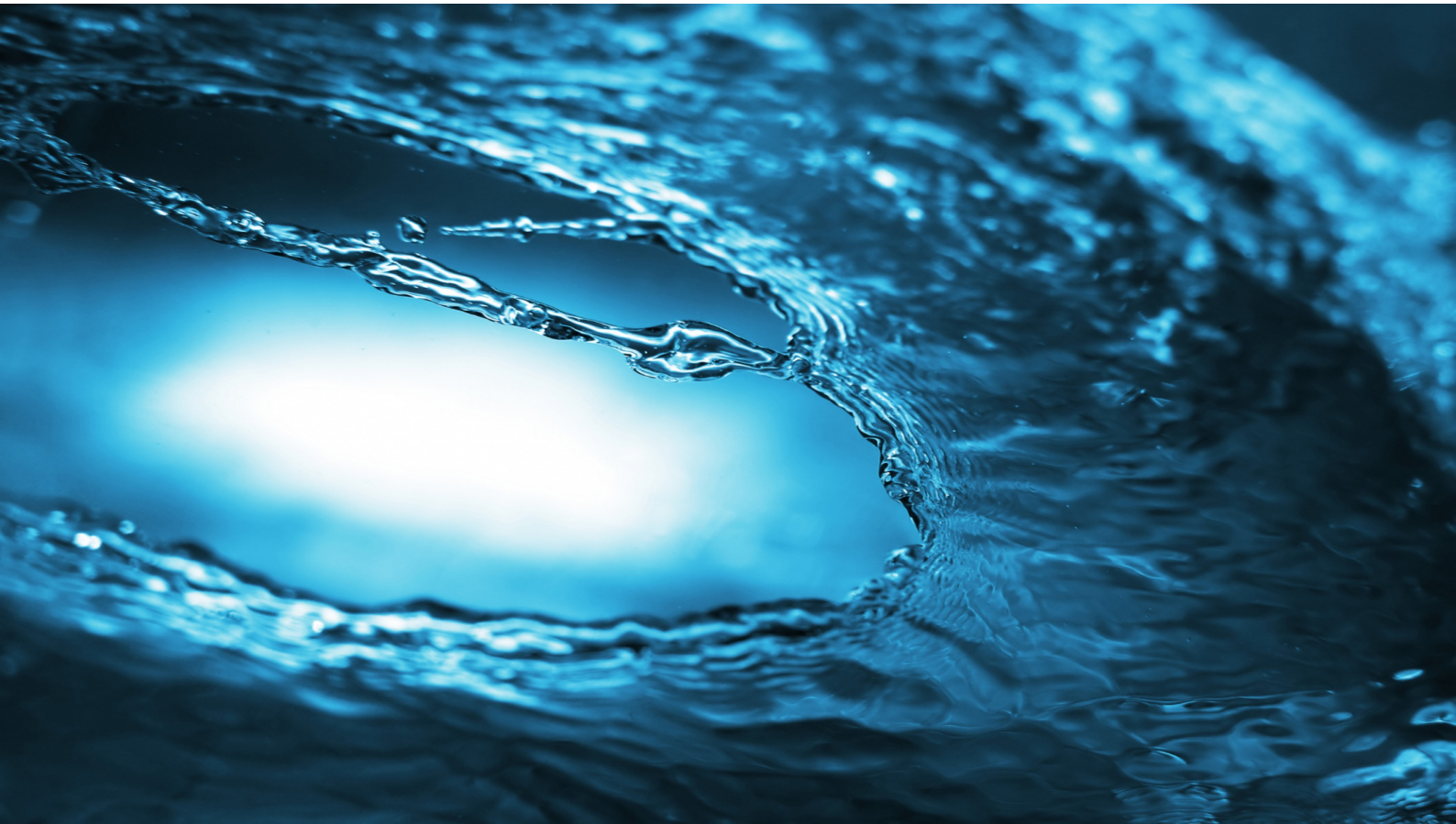


5.4 兆瓦水电站 HPP



MERGERSCORP

5.4 HPP

该项目涉及在位于塔拉斯地区塔拉斯区塔拉斯河的一个潜在地点建造一座发电能力为 5.4 兆瓦的小型水电站（以下简称“SHPP”）。这种地形使 SHPP 可以采用开流式进水系统。

选择在坡度最高、河流水电潜能开发最大的地方建设 SHPP。

潜在的年发电量为 3680 万千瓦时。

概述

取水口位置的选择考虑了地形因素。

的地形。开流式进水系统长 5.6 米。总压力为 50 米，压力摄入系统的平均坡度为每公里 8.9 米。

初步估算，用于建造该项目主要结构的地块总面积为 20.2 公顷。

公顷，包括取水口（6.3 公顷）、引水渠（11.0 公顷）、发电厂和附属建筑（2.9 公顷）。

选择 SHPP 的位置是考虑到坡度最高，坡度最大。

开发河流的水力发电潜力。

通往右岸取水口的道路-沿引水渠有一条田间小路，通往左岸的车站大楼。

要点

附近的 110/35/10 千伏 Chat Bazaar 变电站。变电站的容量为 25,000 千伏安。连接 Chat Bazaar 变电站的架空线路长 7.3 公里。附近的 8000 千伏安 35/10 千伏 Kyrk-Kazyk 变电站。考虑到 SHPP 的潜在容量以及从 SHPP 到变电站的距离，有必要建造一条 35 千伏架空线路和一个 35 千伏升压变电站。根据谷歌地图，连接小水电站开关站和“Chat Bazaar”变电站的 35 千伏架空线路长度为 2.7 千米。

设施位置优越。

在选择水力发电厂的位置时，考虑到了最高的坡度和最大限度地开发河流的水力发电潜力。通往右岸取水口的道路-沿引水渠有一条田间小路，通往左岸的车站大楼。

由于地形的原因，可以建造一个具有开流进水系统的水力发电厂，从而降低项目成本。

TARGET PRICE

\$8,990,000

GROSS REVENUE

\$0

EBITDA

\$0

BUSINESS TYPE

发电厂

COUNTRY

吉尔吉斯斯坦

BUSINESS ID

L#20240646

水力发电潜力大。 该国的水力发电潜力为 1,420 亿千瓦时。

在独联体国家中，吉尔吉斯共和国的水力发电厂和冷水发电厂发电能力排名第三。

潜力开发程度低。 截至 2021 年，利用率为全国水电总潜力的 10%。

水力发电厂级联的高容量。 据专家称，未来的水电站级联总容量为 56000 亿千瓦时。

CASA-1000. 吉尔吉斯共和国是旨在建立一条连接中亚和南亚的电力线的 CASA-1000 项目的成员。

现状

- 随时可建 (RTB)

财务

项目费用 – 8,375,960 美元

- 水力结构–3 327 333 美元
- 水力机械结构–2,740,000 美元
- 电气结构 – 128 万美元
- 意外支出 – 587 787 美元
- 行政费用 – 440 840 美元

投资额 – 8,375,960 美元

投资回收期 – 6.35 年

Capacity	5.4 MW
Output	36.75 million kWh
Investments	USD 8.37 million

***According to the legislation of the Kyrgyz Republic, the project may be subject to a preferential tariff with application of a coefficient of 1.3 for small HPPs for a period not exceeding 10 years.*

		1	2	3	4	5	6	7	8	9	10
Output	million kWh	36,75	36,75	36,75	36,75	36,75	36,75	36,75	36,75	36,75	36,75
Tariff	USD/kWh	0.0386	0.0386	0.0386	0.0386	0.0386	0.0386	0.0386	0.0386	0.0386	0.0386
Revenue	thousand USD	1 418,7	1 418,7	1 418,7	1 418,7	1 418,7	1 418,7	1 418,7	1 418,7	1 418,7	1 418,7
EBITDA	thousand USD	1 318,2	1 318,2	1 318,2	1 318,2	1 318,2	1 318,2	1 318,2	1 318,2	1 318,2	1 318,2

- ✓ IRR at the end of Year 10 is 9.23%
- ✓ Project payback period is 6.35 years, discounted payback period is 9.05 years

SOURCES OF FINANCING AND APPLICATION OF FUNDS

Source of financing	Amount, USD
Financial investor	8 375 960
Total:	8 375 960

Application of funds	Amount, USD
Hydraulic structure	3 327 333
Hydromechanical structure	2 740 000
Electrical equipment	1 280 000
Unforeseen expenses	587 787
Administrative expenses	440 840
Total:	8 375 960

The information contained herein does not constitute an offer to sell or a solicitation of an offer or a recommendation to purchase securities under the securities laws of any jurisdiction, including the United States Securities Act of 1933, as amended, or any US state securities laws, or a solicitation to enter into any other transaction

The projected financial information contained in the Memorandum is based on judgmental estimates and assumptions made by the management of the target Company, about circumstances and events that have not yet taken place. Accordingly, there can be no assurance that the projected results will be attained. In particular, but without prejudice to the generality of the foregoing, no representation or warranty whatsoever is given in relation to the reasonableness or achievability of the projections contained in the Memorandum or in relation to the bases and assumptions underlying such projections and you must satisfy yourself in relation to the reasonableness, achievability and accuracy thereof.

By delivering this Memorandum, neither MergersUS Inc., nor its authorized agents are making any recommendations regarding the acquisition or strategies outlined herein. Interested parties shall exercise independent judgment in, and have sole responsibility for, determining whether an acquisition of the Company is suitable for them, and neither MergersUS Inc, nor its authorized agents have responsibility to, and will not, monitor the condition of interested parties to determine that an acquisition is or remains suitable for them. Among other things, suitability of an acquisition will depend upon an interested party's investment and business plans and financial situation.

This document is prepared for information purposes only. It is made available on the express understanding that it will be used for the sole purpose of assisting the recipients to decide whether they wish to proceed with a further investigation of the Proposed Transaction.

The recipients realize and agree that this document is not intended to form the basis of any investment decision or any other appraisal or decision regarding the Proposed Transaction, and does not constitute the basis for the contract which may be concluded in relation to the Proposed Transaction.

All information contained in this document may subsequently be updated and adjusted. MergersUS Inc. has not independently verified any of the information contained herein or on which this document is based. Neither the Company, nor its management or shareholders, nor MergersUS Inc. , nor any of their respective directors, partners, officers, employees or affiliates make any representation or warranty (express or implied) or accept or will accept any responsibility or liability regarding or in relation to the accuracy or completeness of the information contained in this document or any other written or oral information made available to any interested party or its advisers. Any liability in respect of any such information or any inaccuracy in or omission from the document is expressly disclaimed.

MERGERSCORP

© 2026 MergersCorp M&A International. All rights reserved.

© 2026 MergersCorp M&A International. MergersCorp™ M&A International is the collective brand name of independent affiliates of MergersCorp M&A International. For more details on the nature of our affiliation, please visit us on our website <https://www.mergerscorp.com/disclaimer>. MergersCorp M&A International is not a registered broker-dealer under the U.S. securities laws. MergersCorp M&A International does not offer or sell securities or provide investment advice or underwriting services. The articles or publications contained in this presentation are not intended to provide specific business or investment advice. The author or MergersCorp M&A International shall not be liable for any errors or omissions, or for any loss suffered by any person or organization acting or refraining from acting as a result of the content of this website. It is recommended that specific independent advice be sought before making any business or investment decision.

MERGERSCORP

WWW.MERGERSCORP.COM