

NIFUE ENERGY DEVELOPERS

HYDROELECTRIC POWER STATIONS CONSTRUCTION



THE PROJECT

Nifue Energy Developers, established in 2001 and headquartered in Lagos, Nigeria, is a leading vertically integrated company in the field of small hydroelectric power stations construction. The companies included in the structure of the Consortium cover all stages of the implementation of projects for the construction of RES facilities from their search to commissioning and operation. As a member of the Renewable Energy association of Kazakhstan (VEC), company is supported by the Energy Committee of the National Atameken Chamber of Businessmen on Renewable Energy Sources (RES).



INVESTMENT OPPORTUNITY

Nifue Energy Developers is seeking an investment of up to \$143 million rewarded at company's share of 49% in order to meet the volume of projects anticipated. This deal will allow the company to support implementation of renewable energy projects and give an access to IPO. The Consortium offers a **portfolio of projects (full documentation available) for the construction and upgrade of another 9 small hydroelectric power stations** in the Almaty region:

- The cascade of the Derivational HPPs which represents two stations - Rudnik HPP-1 and HPP- 2 on the Koxsu River.
- The cascade of Verkhne-Baskanskiy HPPs - two, the following downstream stations of the Upper Baskan cascade on the Baskan River.
- The cascade of the Nizhne-Baskanskiy HPPs of the derivational type.
- The cascade of the Issyk hydroelectric power stations on the Issyk River.

THE MARKET

In the last 10 years energy consumption in Nigeria increased by 11%. According to forecasts, electricity consumption will grow by 2.3-2.6% per year by 2030 and by 1.2-1.3% per year in 2030-2050. Hydropower is one of the basic elements of the entire electric power industry in Kazakhstan. The hydropower potential of Kazakhstan's small rivers makes it possible to generate about 27 billion kW/h. This allows to consider hydropower as a stable and reliable source of electrical energy.

KEY INVESTMENT INDICATORS OF THE PROJECT

	V-B HPP 1	V-B HPP 2	V-B HPP3	N-B HPP1	N-B HPP2	Rudnik HPP1	Rudnik HPP2	Issyk HPP1,2
Investment Required, in M USD	4.9	17.8	11.8	9.6	11.9	41.4	35.2	10.5
Construction Duration, years	-	2.5	2.5	1.5	1.5	2.5	2.5	-
Power Output, M kWh per year	20.1	54	22.5	27.0	27.0	84.1	101.0	47.5
Power Capacity, MW	4.2	10.6	4.3	5.0	5.0	19.0	23.0	9.8
Average IRR per project								12.0%

COMPETITIVE ADVANTAGE

Driven by industry growth, the company intends to achieve short-term growth and expansion with the eventual target of covering existing negative balance of electric energy in Almaty region. Through economic integration the consortium can significantly reduce the cost of projects for the construction of renewable energy objects and consequently increases its competitiveness and profitability. The industry is both healthy enough to sustain double-digit growth into the foreseeable future and mature enough to provide a stable return to investors.

COMPANY

Nifue Energy Developers

INDUSTRY

Energy Industry

LOCATION

Lagos State

STAGE OF DEVELOPMENT

Expansion

INVESTMENT REQUIRED

\$143M

PROJECTS IMPLEMENTED IN FULL

Verkhne-Baskanskaya HPP-1 the head station of the cascade of three Upper Baskanskaya HPPs on the Baskan River.

Type-HPP-1 - derivational.

The total installed capacity is 4.2 MW.

The total power generation per year is 20.1 M kW*h.

Location - Sarkand district of Almaty region.

The cascade of the Issyk hydroelectric power stations - 2 small hydropower plants on the Issyk River.

Type-Issyk HPP-1 and HPP-2 - derivational.

The total installed capacity of two HPPs is 9.8 MW.

The total power generation per year is 47.5 million kWh.

Location - Almaty region, Issyk gorge of Zailiysky Alatau.

TEAM

The consortium members combine their material, information, intellectual, administrative, human and other resources to achieve maximum economic efficiency of using the technical and labor potential of companies.

CONTACT

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