

Project Summary

Location:

District :Sholgara

District Centre: Sholgara

Centre Location

North: 36° 19 16.4´

East : 66° 53 04.8´

Height ۹۹۰ :meter from sea level

Beneficiaries Area :District Centre and village listed below

Water resources::

Sholgara river, lowest flow is more than 25 meter cubic/sec

Area Accessibility : Accusable by road, distance from province is 1 Hour

Technical Description:

River process of this project includes natural antique which has 55 meter width and 5 meter height. Water onward transition is performing by a long headrace canal. Height 5 meter and river water capacity is about 12 meter cubic/sect with potential of 500 KW power. This power transmitted by 20 KW line, 0.8 KM and distributed by 0.4 KW channel. Public homes connected with cables and equipped with RCBO electric meter

Social-economic section

- Population :33,330
- Household Numbers :3,337 (۹.۹) individuals in every households
- Household Numbers :1,603 (۲.۱) household in Houses (

Market located in centre of district and has 550 shops, 41 mosques, 12 Schools, 4 governmental offices, 10 governmental buildings, 3 hospital and clinics, 2 animal clinics, and some small local factory (agriculture production).

Sholgara 500kW Hydropower Project in Sholgara district, Balkh Province, Afghanistan

Project Name

Rural Electrification Concept
Balkh Province

Beneficiaries Numbers

include markets 33,330

Cost Estimation

USA \$/ person

USA \$/ KWA

Technical Information

Turbine Capacity	500 kW
Height	5 m
Current	12 m ³ /s
Turbine type	Kaplan
Plan and construct time	24 months

Beneficiaries Area:

Listed below villages will connected to accumulated system:
Centre of Qhorai Qhadim, Chamaqho, Wahdat Abad, Sar
Asyab, Baba Awaza, karni sai, Kahir Abad, Talak, Patan, and
Dawlat Jee villages.

Environmental Aspects:

Sholgara river always has water. One passageway is
necessary for fishes to allow them for exodus.

Project will not have any negative effect on houses, lands and
irrigation.



The basic map



Survey accommodation by:

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