

## Project Summary

### Location:

District :Waras  
District Centre :  
Centre Location  
North: 34° 14' 54.6''  
East : 066° 49' 31.9''  
Height : 2887 meters from sea level

### Water resources:

There is an active fountain that supply drinking water as well as water for irrigation. The lowest flow is 0.4 meter cubic/sec.

**Area Accessibility** : The project location is at the North 35 km away from District Centre. It's accessible only through non asphalted road.

### Technical Description:

The river has a min discharge rate of 0.4 m<sup>3</sup>/s. The determined canal length is 278m and the available head is 45 meters. The penstock length is estimated to be 150m.

### Social-economic section

- Population :
- Household Numbers:
- No. Families: 157

### Beneficiaries Area:

Binigaw village

### Contact:

Eng. Mohammad Hasan  
Eng. Hashmatullah  
Eng. Kalimullah  
Eng. Abdul Basir  
Eng. Nasratullah  
Eng. Abdulhaq

Surveying and Project Making Department  
Ministry of Energy and Water of Afghanistan  
Website: [www.mew.gov.af](http://www.mew.gov.af)

## Binigaw 90 kW Microhydro Power Project in Waras district, Bamayan Province, Aghanistan

### Project Name

Rural Electrification Concept  
Bamyan Province

### Beneficiaries Numbers

157 families

### Cost Estimation

USA \$/ person  
USA \$/ KWA

### Technical Information

<b>90 kW</b>	Capacity
<b>45 meter</b>	Height
<b>0.4 m<sup>3</sup>/sec</b>	Current

