Data of location and potential users of MHP site

Name of site : _____ name of stream / river: _____

Date of survey: _____ name/s of surveying person/s: _____

Contact at/for site (Name, Position, Tel): _____

Location of potential village

Village/Community: _____

Subdistrict: _____

District: _____

River name: _____

Infrastructure and accessibility

Nearest district town: Name: _____ Distance: _____km

Distance to next road , accessible all year round by truck: _____ km

Electricity supply and demand

Number of HH's to be connected _____

Public facilities to be supplied (school, health centre, church, market, pumping, etc.):

_____

Potential for other electricity use (milling, threshing, carpentry, welding, etc.):

_____

Name of nearest power grid point: _____ Distance from village: _____ km

Hydropower potential

Available head

(difference between water level at intake and water level at powerhouse):

_____m (take into consideration that powerhouse should be save during floods)

Available flow - mean and low flow (at the end of dry season):

Measured flow: **Date of measurement:**

_____l/s mean flow _____

_____l/s flow during dry season _____

Length of distribution line to village centre and length of village grid:

_____m from powerhouse to load centre (village to be supplied)

_____m from load centre to all outer connection points

Length of canal and penstock:

_____m length of required channel (from intake to forebay)

_____m length of required penstock (from forebay to power house)

Water / Land use

Do other water users have to be considered along the range of the proposed site between proposed intake and tailrace (e.g. for irrigation, domestic use)? ☐ Yes ☐ No

Will land ownership (area for channel, powerhouse etc.) raise a problem? ☐ Yes ☐ No