



Questionnaire for Hydropower Projects

Contact data:

Company / name: _____

Contact person: _____

Address / street: _____

Country / ZIP Code / City: _____

Phone: _____

Fax: _____

Mobile phone: _____

Web: _____

E-mail: _____

Project name: _____

Site location: _____



Technical Data

1. Gross head (m): _____

2. Net head (m): _____

3. Design flow (m³/s): _____

4. Available water flow (discharge)

100 days a year at least _____ m³/s

200 days a year at least _____ m³/s

300 days a year at least _____ m³/s

Please attach the flow duration curve, if available

5. Power house elevation above sea level (m a.s.l.): _____

6. Distance between turbine axis and tail water level
(Centre of shaft / runner) (m): _____

7. Penstock

length (m) _____

material _____

inner diameter (mm) _____

wall thickness (mm) _____

maximum acceptable pressure surge (water hammer) (%) _____



8. Operation mode:

the unit feeds into a public grid only (parallel operation) _____

stand- alone operation only (isolated mode) _____

combined operation (parallel and isolated operation) _____

9. Grid voltage and frequency (V) _____ (Hz) _____

10. Maximum consumer load in case of isolated operation (kW) _____

11. Type of generator: synchronous induction (asynchronous)

preferred generating voltage (V) _____

In case of an existing power station please send us drawings and photos showing the arrangement of the turbine units

12. Scope of supply:

13. Comments:
