



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:
