

Hydropower Head and Flow Calculation Worksheet

Site Data

Measurement Location/Stream Name

Date

Head Measurement

Elevation at Intake (m)

Elevation at Outlet (m)

Gross Head (m)

Head Losses (m)

Net Head (m)

Flow Measurement

Stream Width (m)

Stream Depth (m)

Flow Velocity (m/s)

Estimated Flow (m^3/s)

Other Calculations

Efficiency (%)

Theoretical Power (kW)

Usable Power (kW)

Net Head (m):

Estimated Flow (m^3/s):

Usable Power (kW):