

Small Hydro Project Guide

Energy, Power & Renewables

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This guide explains what the tool produces, how to use the output, and what to watch for. The actual output (draft/report) is generated on the tool page.

Background

Outlines a small hydro power project — resource (head and flow), site and civil (intake, penstock, powerhouse), technical (turbine selection) and approvals (water, environment, grid). Use this as an early screen. Small hydro needs hydrological studies and clearances before commitment.

Purpose of this tool & output

Assess a small hydro opportunity

How the output is used

Use it to assess a small hydro opportunity — head and flow, site, capacity, approvals (including water) and indicative economics.

Important cautions

AI-generated outline; small hydro needs hydrological studies and clearances.

Companion documents

- Wind Project Feasibility
- Biomass Power Project Guide
- Biogas / CBG Plant Guide
- Hybrid & Off-Grid System Design
- Battery Storage (BESS) Advisor
- Green Hydrogen Opportunity Primer

This is AI-assisted guidance. Verify with a qualified professional before any binding decision. Fees, authorities and processes vary by state and change over time — confirm with your state authority.