Project 1: Electricity Generation

CEF Stage 1 funding

CEF Stage 2 funding

Commercial/community investment

Feasibility

- Confirm the current and future demand for electricity in the community
- Baseline the relevant KPIs with a Community Survey
- Identify candidate generation sites and engage landowners
- Define the Engagement and Communications Plan for the project
- Define the Conceptual Design and consult the community
- Undertake a Grid Connection Feasibility study
- Confirm the generation site(s) and agree Heads of Terms for the land
- Identify the wayleaves required
- Engage Natural England, the MoD, Met Office, etc.
- Commission an Ecological Survey
- Perform a Radar Impact Assessment
- Submit the Planning Pre-Application to the local Planning Authority, analyse their response and mitigate any risks
- Investigate PPA options
- Define the Community Benefits Model
- Define the Financial Model and Business Case
- Review capital investment options
- Update the Issues & Risks Register
- Define the Plan and Budget for the Consenting and Detailed Design Stages
- Produce the final Feasibility Report
- Secure funding for the Consenting & Detailed Design Stages (CEF Stage 2)

Consenting

- Develop and submit the Planning Application
- Resolve any planning concerns
- Sign the Land Lease Agreement
- Obtain Planning Permission
- Engage potential investors
- Engage potential PPA partners
- Update the Financial Model and Business Case
- Plan the Procurement Stage and define the High-Level Plan for the remaining stages

Procurement

- Define the Operating Model
- Select the Engineering, Procurement & Construction (EPC) delivery partner(s)
- Select the future Operating Organisation (if different from the EPC partner)
- Agree on the Power Purchase Agreement (PPA)
- Define the Community Benefit Fund
- Finalise the Financial Model and Business Case
- Define how the KPIs will be tracked
- Secure the capital investment needed
- Sign the Grid Connection contract

Build

- Produce the Detailed Engineering Design
- Define the Detailed Construction Plan and overall plan for the Build Stage
- Agree on the Build Acceptance Criteria
- Build, test and commission the site
- Organise community site visits
- Finalise the Operations, Monitoring & Maintenance Plan
- Finalise Service Level Agreements
- Define the operational processes
- Sign the site operations and maintenance contract
- Sign the customer operations contract

Operate

- Monitor performance
- Support customers
- Manage contracts
- Maintain the facilities
- Manage system faults
- Manage the billing and collection processes
- Track the KPIs and take mitigating actions if needed
- Service loans and pay any share dividends

Project management

Stakeholder and community engagement (meetings, status updates, surveys, workshops, website, reports, etc.)