# Project Outline

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| **Project Title :** | Pentair PV |
| **Sponsor :** | Gavin Fletcher | **Date :** | Feb 2015 |

## Background

Pentair came to our attention when they attended our Business Energy Club meeting in November. They mentioned that they own their building and they also mentioned an interest in community so they were approached to gauge interest in developing a community owned PV project with a view to getting a quick start project for HE to work on.

## Project Synopsis

The project will install as much PV as possible on their roof, sell electricity to the business at a favourable rate in return for use of their roof, and run the project as a community share offer developing a community benefit pot, a return on investment for shareholders and HE’s first physical project. The roof has had an initial assessment of being suitable for 300kWp.

## Outline financials

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| --- | --- | --- |
| **Description** | **Income** | **Expenditure** |
| Installation of PV array |  | £275,000 |
| Share offer administration |  | TBC |
| Rate of return to investors |  | TBC |
| Power Purchase Agreement | TBC |  |
| FiT  | TBC |  |
| Export Tariff | TBC |  |

## SWOT analysis

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| --- | --- |
| **Strengths** | **Weakness** |
| One business, owns building.Potentially quick decision making.Good sized roof for first share offer – big enough for decent return, not too big for first share offer. | Business –they don’t have an ‘obligation’ to work for community benefit.Not many examples of Commercial COE partnerships. |
| **Oportunities** | **Threats** |
| Good business demo project.Involvement from business in HE going forward and community benefit pot. Not many examples of Commercial COE partnerships | Grid connectivity.Business case proves too tempting!Project takes too long to materialise.FiT rates falling. |

## Sustainability rating

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| --- | --- | --- |
|  | **Comments** | **Score****-5 to 5** |
| **Social** | Community benefit, involvement of business with local communities | 3 |
| **Economic** | Good business case for all involved (although business case to be developed) – this should offer reduced rates for business, community benefit and return to investors | 5 |
| **Environmental** | Reduced carbon footprint as a benefit to the business. Great case study for HE. | 4 |

## Summary

Whilst the business case is still to be developed for this, PV is tried and tested and a scheme of this size will prove to be a good basic first project for HE. If the business decides to proceed, they own the building so the project should proceed quickly. A Share Offer of £275,000 should be able to be raised quickly. A link between the local community and a business has great PR opportunities.

## Project Status

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| --- | --- | --- | --- |
| **Accepted/Rejected** |  | **Date :** |  |
| **Reason** |
| [A statement from the board as to why the project proposal was accepted/rejected] |