**Powering Communities to Net Zero Fund**

**Technical Specification Form**

The Powering Communities to Net Zero Fund supports communities in our power distribution network area to progress with their ambitions towards net zero, while also improving key physical and environmental resilience infrastructure. There are two categories of our fund:

1. **Community-led Physical and Environmental Resilience** – supporting community groups seeking to enhance community facilities, services, and communication, specifically to mitigate the impact of, or support the local response to a significant emergency such as extended power loss, severe weather events or climate change. In most cases, you can apply for funding from £1,000 up to a maximum of £15,000 in this category. In exceptional circumstances, multi-community area funding to a maximum of £40,000 can be considered.

**Note:** If developing a community building, while this fund will favour projects that use technology that reduce carbon emissions, SSEN appreciate that this is not always viable for community assets. If your group is not applying for low carbon infrastructure, you will need to explain why this is not a viable option for your project in the questions below.

1. **Low Carbon Technology (LCT)** – purchase and installation of LCT in community buildings for public use and aggregated domestic properties. Technology could include solar panels, battery storage, EV charging, heat systems, renewable energy sources, smart heating controls, and energy efficient measures. In most cases, you can apply for funding from £1,000 up to a maximum of £20,000 in this category. In exceptional circumstances, multi-community area funding to a maximum of £40,000 can be considered.

Due to different technical specifications of LCTs and other backup power generators, and potential work required to install and connect this infrastructure, it is important that appropriate due diligence has been carried out to be satisfied that the technology is fit for purpose, and that installation, security, storage, and maintenance considerations have been fully appraised.

We therefore require that groups seeking funds for LCTs or other backup power generators, complete this form and return it along with the application form. For groups applying for smart heating controls or other energy efficiency measures which do not require connections, completion of this form is **not** required.

Information around connections of Low Carbon Technology can be found on the Energy Networks Association (ENA) website, including microgeneration, Electric Vehicle and Heat Pump connections - [Energy Networks Association (ENA) - The voice of the networks](https://www.energynetworks.org/). A list of relevant webpages forms can be found at the end of this application.

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| What category of the fund are you applying to (you can only apply to **one** category) |
| |  |  | | --- | --- | | Low Carbon Technology | Community-led Physical & Environmental Resilience | |  |  | |

| Name of Applicant Organisation |  | | | Ref. No: | |  | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Type of LCT or other backup power (please provide as much information as you can) |  | | | | | | |
|  |  | | Permanent Installation/Portable? | |  | | |
| Total LCT / Backup Power Cost | £ | | Total Project Cost | |  | | |
| Maximum Power Output? |  | | Continuous Output | |  | | |
| What is the expected usage? *(General usage / in the event of a power outage, e.g. lighting, heating, hot food/drink preparation, mobile phone charging)*  How many people will it serve? | | | | | | | |
|  | | | | | | | |
| In terms of specification, how do you know that the technology you have selected is fit for purpose? Why did you choose this particular type of technology? In the instance of a diesel / petrol generator, please detail reasons for this choice and why low carbon technology is not an option. | | | | | | | |
|  | | | | | | | |
| Voltage (and no. of sockets if relevant)  *(if known)* |  | | | | | | |
| No. of Historic Power Cuts and Duration – Previous 5 Years  *(if known and applying for battery storage or diesel/petrol generators)* | | | | | | | |
|  | | | | | | | |
| How will ongoing insurance and maintenance costs be funded? | | | | | | | |
|  | | | | | | | |
| Who will be responsible for the maintenance of the technology? | | | | | | | |
|  | | | | | | | |
| Is there an ongoing maintenance plan in place?  *(Please attach with reply)* |  | | | | | | |
| Have you sought professional advice on the capability/capacity of the technology you have applied for? |  | | | | | | |
| Who has provided this advice? |  | | | | | | |
| **Please complete this section if applying for a permanently installed LCT or other power source, including EV Charging.** | | | | | | |
| Estimated no. of residents that would use the technology in the event of a power outage? | |  | | | | |
| Dimensions of building where technology will be installed.  *(Estimate is fine)* | |  | | | | |
| Are installation costs included in the quote?  *(E.g. Islanding/relay costs, changeover switch, labour etc)* | |  | | | | |
| Where will the technology be installed? | | | | | | |
|  | | | | | | |
| If applicable will the technology be housed in a secure storage unit? | | | | | | |
|  | | | | | | |
| If applicable, has a quote been sought/included for installation of a secure storage unit? | | | | | | |
|  | | | | | | |
| Does the LCT and/or secure storage unit require planning permission? Please provide details. | | | | | | |
|  | | | | | | |

| **Please complete this section if applying for a portable technology.** |
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| What is the intended use of this technology? |
|  |
| Where will it be deployed to? |
|  |
| Where will the technology be stored when not in use? |
|  |

Please complete and return along with Powering Communities to Next Zero application.

| Title | Description | Link |
| --- | --- | --- |
| EREC G99 Requirements for Connection of Generation Equipment | Requirements for Generation Equipment | <https://www.energynetworks.org/publications/erec-g99-requirements-for-connection-of-generation-equipment> |
| Connecting electric vehicles and heat pumps to the networks | Requirements for connecting Heat Pumps and Electric Vehicles | <https://www.energynetworks.org/industry/connecting-to-the-networks/connecting-electric-vehicles-and-heat-pumps> |
| Applications for connection of Micro-Generating installations | Application form | <https://www.energynetworks.org/search-results?sitesearch=G98+form+B&id=113> |