



Annual Report 2022

During 2022, Banister House Solar successfully delivered against its objectives of generating renewable energy and being an exemplar for green energy projects across the borough.

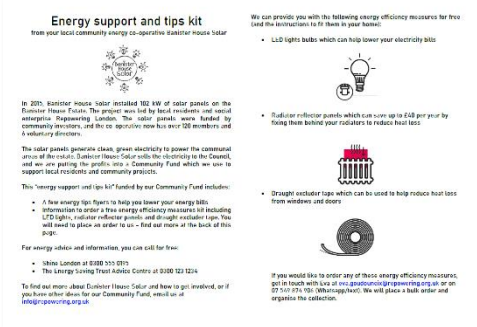
Generating renewable energy

- Up to the end of December 2022, the 102kWp Banister House Solar array has generated a total of 70,400 kWh of electricity, compared to 69,181 kWh in 2021.
- The generation was enough to power 29 average UK homes for a year and resulted in saving 13.6 tonnes of CO₂ emissions during the year, at the 2022 carbon intensity of the UK electricity grid.
- Looking at the performance comparatively for 2022, the average yield of the Banister House Solar array was 690kWh/kW_p, compared to an average of 760kWh/kW for all sites managed by Repowering London.
- The performance has been reduced due to faults with three inverters that have been investigated by Repowering London, with recommendations to be submitted to Directors in July.
- Following the board decision in 2022, remotely readable meters for recording the onsite usage have been installed for all the systems at Banister House. These are fully operational and will help ensure regular and accurate billing of Hackney Council.

Engaging with the local community

Our volunteer Directors remain active in the community, making connections with residents and various community groups. In 2021, we used our Community Fund to make a donation to Hackney Quest (supporting young people) and we are looking for more local projects or initiatives who could benefit from the Fund. We have connected with NIA, a charity delivering cutting edge services to end violence against women and children. We would welcome recommendations from members on other organisations or causes they wish to support in Hackney.

Banister House Solar was mentioned as an exemplar and pioneering project at the launch of the [Hackney Community Energy Fund](#) in November 2022. The Fund awarded thousands of pounds to install solar panels and energy efficiency measures across 14 Hackney landmarks.



In the winter, Banister House Solar worked with Repowering London on organising an 'energy support campaign' on the estate. Inspired by Lambeth Council's ['Free energy savings kit' campaign](#), we distributed 'energy support and tips kit' leaflets to residents, inviting residents to order an energy saving kit for their home.

The Banister House Solar directors wish to thank Glyn Thomas for his significant contribution to the co-operative as a director. Glyn resigned in September 2022 for health reasons, but will remain involved as a member – and thanked Repowering London for their support over the years, as well as his fellow directors for an enjoyable and rewarding experience.

Financial accounts and shareholder payments

The financial accounts which accompany this report show that:

- Banister House Solar generated a total income of £17,333 – from which £12,275 are from the Feed-In-Tariff and £5,058 from the sale of electricity to Hackney Council to power the communal parts of the Banister House estate.
- The Feed-In-Tariff income is lower than in 2021 – even though generation is slightly higher. It is because of the timing of FiT payments, with some additional FiT income from 2020 coming through in 2021.
- It is proposed that an interest rate of 4% (£6,168) is paid on the share capital of £147,750
- It is proposed that £2,000 is set aside for the Community Fund. £376 have been donated by shareholders who have waived their interest payments, which means the Community Fund stands at £8,575 at the end of 2022.
- Repowering admin cost remain £2,400 as in 2021

The Repowering London family of Co-ops

Banister House Solar is proud to be part of the Repowering family of energy co-ops. To date, the Repowering co-op family has:

- Installed 707 kWp of solar panels on schools, community buildings, and Council homes
- Raised £768,661 of capital finance for rooftop solar installations, from more than 650 investor members
- Allocated £206,750 of Community Funds to benefit local causes
- Avoided more than 780 tonnes of carbon emissions so far
- Offered paid training opportunities for 149 young people

Activities delivered across the Repowering family in 2022 are summarised in the [2022 Impact Report](#). Highlights included:

- Supporting the first community energy project created in the City of London, [Aldgate Solar Power](#)
- Trialing innovative approaches to create smart local energy systems, monitor indoor air quality, and support retrofit in challenging contexts
- Working with local Community Leads to engage with new audiences, which earned us the Community Energy England [award for Community Engagement and Inclusion](#)
- Supporting young people through delivery of our [Youth Training Programme](#) and [ReCreate programme](#) in Kensington & Chelsea
- Reaching more than 5,100 people on community energy topics
- Using our expertise to advocate for community energy, strengthen the sector, and elevate the voices of those with lived experience of fuel poverty

This work is only possible with your support. Thank you for investing in our vision of community energy, and for being part of the change.

Any questions?

If you have any questions about this report and the accompanying accounts, please email info@repowering.org.uk.

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ⁱ Excluding the community centre