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*Over the project's 20-year lifetime, 679 tonnes of CO2 will be prevented from entering the atmosphere.*

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Hackney's first energy co-op was formed by residents on the Banister House estate in Homerton in 2014. Banister House Solar was the first community owned solar energy project in Hackney as well as the UK's largest community energy project on social housing.



### The solution

Powersun worked closely with Repowering London and Hackney Council to design and install a 102kWp solar PV system on the roofs of 18 blocks of flats in Hackney. The systems use Solar Edge inverters and Jinko panels with built-in optimisers, ideal for situations where there is local shading from parapets, chimneys and other roof mounted devices.

### The results

System size: 102kWp  
Generation: 82,000 kWh annually  
Lifetime saving: estimated £20,000

“Powersun came in with the best quote and delivered everything they promised on time and in budget. Repowering projects demand not only technical expertise but social involvement. The Powersun team was able to work with inner city youth and navigate tricky community meetings.” **Agamemnon Otero, Repowering London.**