

RCC June 2022 Underfloor Heating Working Party Report

Seasonal Load

The second seasonal load shift trial concluded satisfactorily at the end of April. Residents will be polled during the summer to determine if the scheme should be made permanent.

Major Interventions

The Working Party has been working with the BA's Climate Change group on several initiatives with the City's Climate Action Group (CAG). We have been fortunate in persuading the CAG to commission and pay for an investigation into potential interventions.

So far, the City's consultants have quantified the thermal savings that might arise from these interventions. The next step is to determine the likely costs of implementing these interventions. This costing is ongoing; several of the City's contractors are providing these cost estimates. Using these two sets of data, we will be able to determine the cost effectiveness of these interventions. The areas under investigation are

- Insulation of soffits
- Insulation of barrel-vaulted roofs
- Modifying the air extraction processes in our flats
- Modifying air flows, particularly in staircase blocks
- Designing potential resident installed insulation
- The perennial investigation of individual controls

Communication with residents

An extensive article has been produced for the June edition of Barbican Life which examines these issues and the potential human factors, surrounding the implementation of these interventions. A discussion forum has been set up on the BA website and a town hall meeting will be jointly hosted by the RCC and the BA to determine a way forward.