



THE LYCEUM THEATRE Sheffield

We were invited to work on the significant refurbishment of the Lyceum Theatre, Sheffield, to improve customer satisfaction and the energy performance of the building, as well as to carry out lifecycle replacements. One such energy improvement was to change the Veolia district heating supplies so as to reduce the volume of stored hot water. A roof-mounted PV array also helped to reduce their carbon footprint and generate a revenue stream for the theatre.

Additional developments included power factor correction, improvements to the fan and pump speed control system and auditorium cooling system, LED lamp upgrades, building management system upgrades and fire alarm upgrades.

In our approach to the design, each element of the project was addressed to ensure that not only were the energy efficiency levels maximised, but that an ongoing series of sanity checks were carried out to ensure that the available funding was being used in the most effective way.



PROJECT DETAILS

- Client – Sheffield Theatres Trust
- Value – £1.8m
- Auditorium cooling
- Modifications to auditorium lighting and dimmers
- Hot water upgrade
- PV array
- BMS upgrade
- LED lighting upgrade