



Fit for purpose - a hydrogen fuel cell system

How it works for leisure centre/shopping malls/retail & hotels

Joined-up thinking starts at the planning stage of any project and for those contemplating building a complex involving leisure or sports centres, shopping malls and hotels, the question of what kind of secure, green energy requirements must be on the list from the start.

Logan Energy has the capability to assist in the design and build of projects to integrate a highly efficient, low carbon fuel cell energy system from the earliest stage. We already have extensive experience of working with developers, architects and engineers who recognise the sense of designing more efficient Combined Cooling Heat and Power systems. Such a system can be effectively powered by modern fuel cell technology.

An on-site fuel cell system, with its unmatched availability, will provide owners and managers with the vital comfort that they require when creating reliable and efficient low carbon electricity and hot water. Such systems are a viable and cost-effective option that architects and engineers cannot ignore. Locally produced secure energy which can be used to warm, cool and power hotels, retail and leisure facilities using fuel cells, makes sense.

Logan Energy has the expertise and knowledge to install energy centres for large-scale mixed use construction projects that incorporate or are part powered by fuel cells. These can use hydrocarbon based fuels, such as natural gas to give a carbon reduction of 40% and later be converted to run on a green gas with a zero carbon output should such a gas become available during the life of the plant. Fuel cells also offer a further opportunity to integrate with other renewable energy systems on a site to store and later generate electrical and heat energy. No other distributed energy source can duplicate this.



If you'd like to know more about how your project can truly benefit, please contact John Lidderdale or Bill Ireland.

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It's an elegant solution.



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