



Successful operations with fuel cell systems

How it works for hospitals, laboratories & healthcare centres.

There are rigorous daily energy demands in any modern hospital or laboratory. Essential to this is a constant supply of electricity for critical systems and copious amounts of energy for heating and cooling.

Logan Energy has the capability to assist healthcare construction or retrofit projects to integrate a low carbon fuel cell energy system into your scheme. The benefits of a fuel cell system integrated with combined cooling heat and power are well recognised. High operational efficiencies and availability allow operating theatres to be properly lit, machines to run smoothly at all times, patients in wards to be comfortable, staff residences to be properly cooled or heated and research and development projects to run continuously, all from a reliable and efficient energy supply.

An on-site fuel cell system can also give healthcare and research organisations the vital comfort that their energy will have a lower carbon footprint, helping meet current and future corporate and legislative demands for cost and carbon reduction and increased efficiency. Such systems are now a viable and cost-effective option that health care managers and planners cannot ignore. Locally produced energy increasingly makes sense, and fuel cells are an elegant solution.

Logan Energy has the expertise and knowledge to install and operate energy centres for hospitals, laboratories and major health centres 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 up to 40% and later, converted to run on a green gas with a zero carbon impact or be integrated with other renewable energy systems. No other distributed energy generator can duplicate this kind of flexibility.



If you'd like to know more about how your hospital, healthcare centre or other medical unit can truly benefit, please contact John Lidderdale or Bill Ireland.

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It's an elegant solution.



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