



# A winning strategy with fuel cell systems

How it works for the armed forces & security services.

The ability to change direction and be self sufficient in any situation or location is a given expectation for any military or security forces. Flexibility must be the watchword. Energy supplies must be robust and effective enough to handle ever-changing demands, often in harsh environments.

Logan Energy has the unique expertise to assist military planners to integrate a self sufficient, low carbon fuel cell energy system into the equation from the earliest stage.

This might be in a variety of military installations, from practice ranges, through to barracks, airfields, naval bases and even temporary frontline compounds where energy requirements can often be compromised by offensive action.

An on-site fuel cell system can also give military organisations the vital comfort that they require, creating reliable, low carbon electricity and hot water for heating and/or cooling. Such systems are now

a viable and cost-effective option that military and armed forces planners cannot ignore. Locally produced energy makes sense, and is often essential for military purposes, and fuel cells are able to provide a versatile but reliable solution. Fuel cells also provide a highly effective UPS solution for essential telecoms and other uninterruptable power requirements.

Logan Energy has the expertise and knowledge to design, install and operate energy centres that rely on 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. The beauty of fuel cells is that they can also be integrated with other forms of renewable energy generation, to store energy or to produce electricity and heat later. No other distributed energy source can duplicate this kind of flexibility.



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

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It's an elegant solution.



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