

Case study

Delivering Innovatively Funded Carbon and Cost Reductions for Regional NHS Trusts

Strategy & Feasibility

egnida worked with a group of NHS Trusts to deliver on their goals of reducing energy costs while simultaneously reducing their carbon footprint. To construct a solution that would work for this customer meant overcoming their unique challenges and constraints. Chief amongst these were barriers in getting any project signed off. The criticality of the hospitals' operations meant a solution could not disrupt operations and would struggle to compete for budget.

After surveying all of the customer's prospective sites, we suggested that Solar PV would be the most feasible initial solution to deliver on their aims. We agreed with the customer to start with a pilot scheme to minimise their operational risks while still enabling them to profit from the benefits.

Funding

In order to overcome the budgetary constraints experienced by the client and still offer a viable solution, we arranged a funding option that required no investment from the trusts. In this flexible funding option, we would 'buyback' the projects within the first year of operation and as a result we presented the customer with a risk free funding solution.

Implementation

Successfully implementing this scheme required catering our services to the specific needs and internal processes of an NHS customer. As part of this we managed the complete internal NHS consultancy and sign off process for the customer. We also engaged with all the external stakeholders required to make this project successful, including negotiating connections with the local district network operator and National Grid.

Installation & Operations

We utilised our extensive Solar PV installation experience to ensure the solutions were fitted in a timely manner, to the highest quality standards and caused the least possible disruption to the hospitals. We are now responsible for the on-going operations, monitoring and maintenance of the systems to sustain optimal performance over the assets lifetime. This service means the hospitals' internal resource is not detracted from delivering services which maintain critical operations.

Customer Legacy

The customer now has successful schemes in place across 10 sites for two NHS Trusts. These schemes are delivering on the Trusts' ambitions to reduce overhead costs and carbon emissions whilst not affecting their critical operations. This scheme's success has given the customer confidence to consider other low carbon solutions and driven them to engage with us to explore adopting electric vehicles.

If you would like further information, please contact Amanda Biss on +44(0)2920 098 100 or email amanda@egnida.co.uk