



## Project Highlight

# Kingston Hospital Southwest London, UK

AMERESCO 

189 kWp Roof Mount Solar  
Reduces Costs and is Expected  
to Save 39t CO<sub>2</sub> in First Year

### Technology Type:

Solar PV

### Solar PV Capacity

189 kWp

### Carbon Free Electricity Per Annum

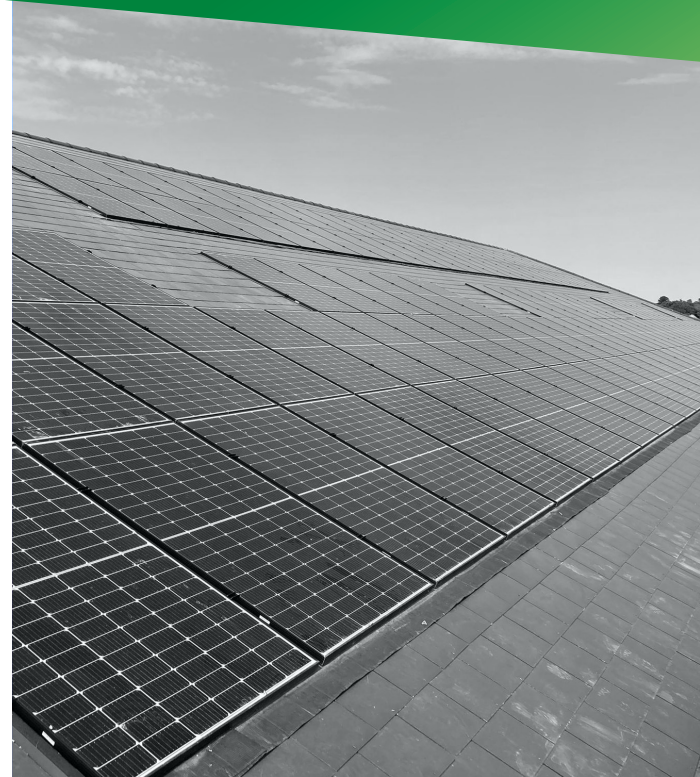
164 MWh

### Estimated Carbon Savings

309 tonnes of CO<sub>2</sub> per annum

### Hospital's Zero Carbon Target

2040



### Summary

As a long-term energy partner with London's Kingston Hospital, Ameresco has carried out a number of efficiency projects to reduce the hospital's energy consumption. Our current project incorporated a solar PV array as part of a roof replacement that was planned for the hospital's maternity ward. Installing the array on the overall roofing system resulted in costs savings for the replacement while helping to mitigate the rising costs of electricity.



## Solution

Kingston Hospital in South West, London, has previously worked with Ameresco on numerous projects to implement energy efficiency measures. Looking to reduce energy costs and the hospital's carbon output, they partnered with us on a roof replacement project to install a solar PV array on the maternity ward building which included:

- 189 kWp solar PV array custom designed and developed to incorporate in roof replacement
- Additional health and safety considerations while working at a fully live hospital
- Close collaboration with the roofing contractors to avoid delays or interferences with ongoing construction work



**The Ameresco Team were very easy to work with and we are thrilled with the results of our first solar panel project.**

Paul Graham  
*Utilities, Waste and Sustainability Manager,  
Kingston Hospital*



## Benefits

The key to the successful delivery of this project was close coordination with the roofing contractors. Our teams worked well together and the project resulted in the following benefits:

- Delivered project on time and on budget
- Resulted in additional savings on roof replacement costs
- Mitigates against the rising costs of electricity
- Supports the hospital's zero carbon target of 2040

Ameresco's team of energy experts can assist you in identifying the solution that fits your needs.

For more information about Ameresco and our full-range of energy efficiency and renewable energy solutions, please call **1-866-AMERESCO** or visit **ameresco.com**.

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