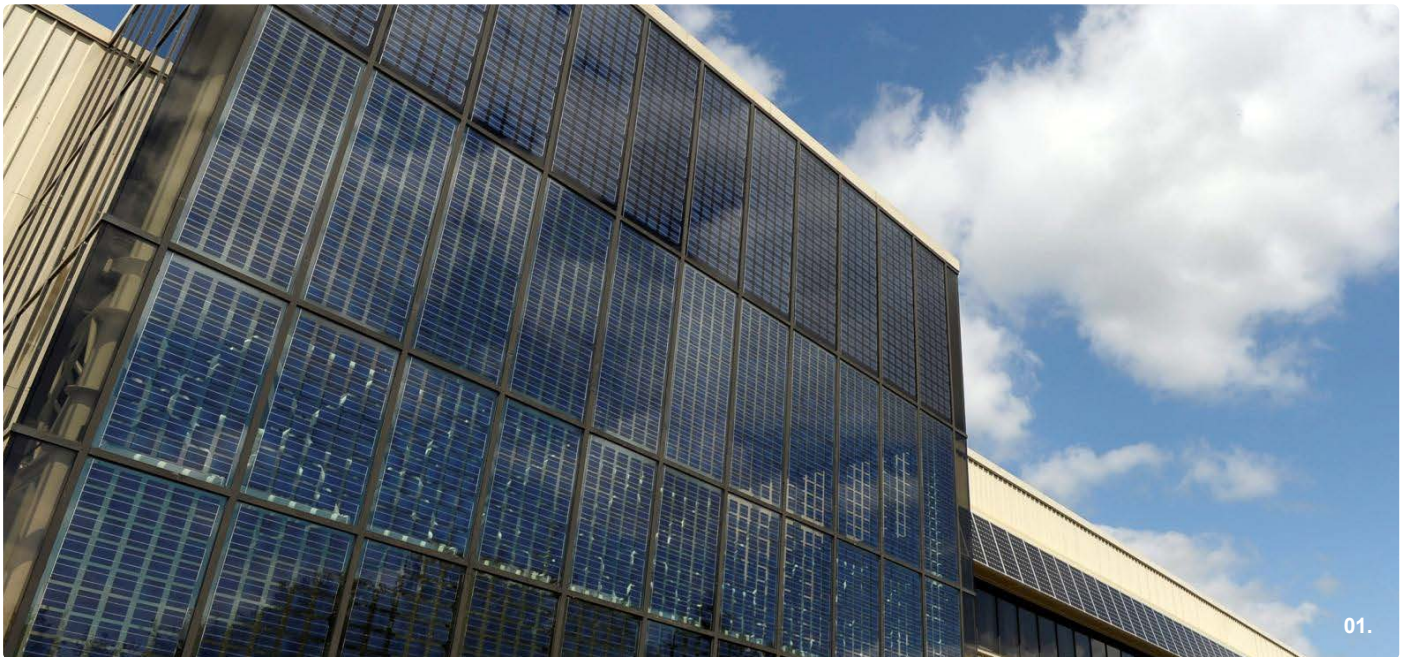


# Solar PV Case Study

## Toyota building integrated PV



In parallel with the solar field installation project at Toyota's Burnaston plant, British Gas Solar installed a number of building integrated PV systems. These installations which provide a showcase to visitors to the plant included:

- 26.5 kWp Brise Soleil using standard modules
- 12.4 kWp PV glass Curtain wall to main staircase
- 7.5 kWp PV glass electric vehicle canopy

British Gas undertook the complete design and installation of these bespoke systems, including specification of the bespoke glass-glass PV laminates, and design of the structural elements.

The staircase curtain wall replaced an existing glazed wall with PV laminates being specifically manufactured to fit the existing glazing bars. The electric vehicle canopy provides charging facilities for electric vehicles used by visitors to the manufacturing plant.



### Project details

<b>Client / site</b>	Toyota, Burnaston plant
<b>Installation type</b>	Various BIPV including glass-glass PV laminates
<b>Solar PV system size</b>	46.5 kWp
<b>Annual generation forecast</b>	35,250 kWh
<b>Annual CO2 reduction</b>	18.6 Tonnes
<b>No. / type of modules</b>	108 x Sharp 245W Bespoke Romag PV Glass laminates

### Contact details

To discuss your specific requirements, or to learn more about the solutions British Gas can offer please contact us:

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