



BEDFORD
BOROUGH COUNCIL

SEMLEP
South East Midlands
Local Enterprise Partnership

Bedford Green Energy & Innovation Park

Elstow Landfill Solar Farm

Elstow Solar Farm has 8,004 solar panels with a capacity of up to 4.2MW of clean energy generation which feeds into the national grid and is operational spring 2022.

Capping and restoration work

This southern slope of the former landfill site was capped with clay and inert materials to make the ground ready for the installation of the solar farm.



Piling and mounting structure

Solar modules need to be secured, mounted and tightened on a very stable and durable structure, protecting the array against various weather impacts. In order to secure the solar panels to the site, piles and mounting structures have been installed to give a strong foundation.



Solar PV panel installation

The project contains some 8,004 solar panels installed onto the mounting structures across the Southern Slope. The solar farm is connected to the UK Power Networks substation and the clean green electricity is exported onto the electricity network for use, enough energy to power over 1,000 homes.



Site Visit

On 4th February 2022, Bedford Borough Mayor Dave Hodgson and Leader of the Liberal Democrats Sir Ed Davey visited the new Bedford Green Technology & Innovation Park. They were shown around the site to look at the work that has been completed to date.

Mayor Dave said "It was great to see the progress at the Bedford Green Technology & Innovation Park. This project will not just deliver green electricity but also encourage others to reduce carbon emissions and adopt innovative technologies"

Sir Ed added "I was delighted to be shown around the Park. I would like to congratulate Mayor Dave Hodgson and Bedford Borough on this hugely innovative project to deliver cheap, green, energy. The £2.3million from the Council along with £1.8million from the South East Midlands Local Enterprise Partnership (SEMLEP) show real investment in our future energy supply."

