



# BayWa r.e.



## Noise

Solar farms are very quiet energy generating facilities. They have very few moving parts and as such require less ongoing maintenance and generate little noise or vibration. Transformers are required to convert the electricity to the correct voltage to export, and whilst these are not particularly noisy, they do generate a 'low hum' at close distances.

## Water resources and flood risk

**Solar panels are mounted on frames which are driven into the ground on spikes. No concrete bases are required for the panels, meaning that dispersal of rainwater can continue into the ground.**

As part of the application, we are required to assess drainage and flood risk, through a Flood Consequence Assessment, and put in place appropriate drainage and other mitigation measures to ensure that there is no net increase in water runoff from the site taking climate over its lifetime.

