

## FAQ

### GENERATORS IN THE EUSTON APPROACHES

#### WHY DON'T YOU HAVE YOUR SITES CONNECTED TO MAINS POWER?

We are working closely with UK Power Networks (UKPN) to install mains power supply to the site so we won't need to use generators. Unfortunately, due to the COVID-19 pandemic, there has been a delay to all new customer connections.

SCS wants to reduce the long-term use of generators whenever possible. However, given the lack of mains supply available, we must power the site using generators in the interim and have taken all possible steps to minimise the environmental impact of this temporary set-up.

#### WHY DO YOU HAVE GENERATORS CLOSE TO BUILDINGS IN REGENT'S PARK ESTATE?

We position generators to avoid the works happening on site, or due to happen shortly. This means generators usually need to be on the edge of our worksite, which can be close to residential buildings. We cannot position the generators powering out main site office on the railway line side of our worksite because we will also be working in that location. Please be assured, we are taking measures to reduce the impacts of our generators (see next section for more information).

#### WHAT ARE YOU DOING ABOUT GENERATOR NOISE AND FUMES?

We recognise the impact of generators on residents near the site and we apologise for the disruption.

To reduce the impact, we have chosen the quietest generators available that can produce the necessary power. These generators come fitted with technology to reduce noise levels, plus we have additional measures in place to reduce noise and fumes once they are turned on.

We screen generators with noise shields and fit them with mufflers, which help reduce noise levels at source.

Rather than use a single, larger generator close to Langdale, we have three smaller units so we can adjust the power supply in line with demand. For example, during peak energy periods during core hours, we will use three generators. However, at night when requirements are low, one generator will be adequate. Where possible, we will switch to battery power.

We are using Hydrotreated Vegetable Oil (HVO) in place of diesel in our generators. See below for more information.

Plant and generators can release additional emissions when they are not functioning as they should or are not adequately maintained. SCS have a meticulous inspection and maintenance arrangement in place to ensure we are always doing all we can to reduce the impacts of our generators.

The generators meet the current HS2 emission standard. We are trialling alternatives to diesel across our sites and activities as a way to reduce our impacts on local air quality. This includes electric, renewables, hybrid, hydrogen and alternative fuels.

We only use generators when mains power is not available.

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#### HYDROTREATED VEGETABLE OIL (HVO) IN PLACE OF DIESEL

Hydro-treated Vegetable Oil (HVO) is a form of renewable diesel produced from waste materials from vegetable fats and oils. As an alternative to traditional petroleum-based diesel, it has an overall lower carbon footprint. We require suppliers to provide audit certification for their production, raw materials and fuel batches. We continue to work with our supply chain partners to encourage the change to more sustainable fuels to help reduce the potential to the environment.

#### MORE INFORMATION

For other ways in which HS2 is monitoring and reducing the impacts of its works, please see the [HS2 Air Quality Factsheet](#) and the [SCS Noise and Vibration Factsheet](#).