

From: s.sanderson210@btinternet.com [mailto:s.sanderson210@btinternet.com]
Sent: Thursday, September 29, 2016 7:14 PM
To: tutburyparishclerk@gmail.com
Subject: As promised...

Hi Karen,

FYI:

1:

[Planning Application P/2016/01107 Flexible Generation Project at New Farm land of Burton Road](#)

Dear Principal Development Control Officer and Senior Development Control Officer,

It appears that both Rolleston on Dove Parish Council and Tutbury Parish Council have been omitted from the consultees list for the above planning application. As the Chair of Rolleston PC can I respectfully request that any decision on this application can be delayed to allow the application to be discussed at our October meeting on 10.10.16. and any comments we have be considered?

Yours sincerely,

Stephen Sanderson

Chair of Rolleston Parish Council

2:

Steve

From our earlier conversation I understand that you have cancelled the meeting of the PC Planning Subcommittee called for this evening 29 September 2016

Prior to this meeting I have reviewed the documents sent by Jane and was to present this review to the PC Planning Subcommittee. Please see below a short précis of my review:

Planning Application P/2016/01107 Flexible Generation Project at New Farm land of Burton Road

Documents reviewed: Proposed Standby Electricity Generation Facility - Transport Note - ADAS UK Ltd; Planning, Design and Access Statement - ADAS UK Ltd; Noise Assessment for Planning - Ion Acoustics Ltd; Ecological Impact Assessment - ADAS UK Ltd.

The intent is to install and operate a small electric generation facility located on land opposite New Farm, land between Rolleston Road and Tutbury Road. The access to the facility being off Tutbury Road opposite the access to the new housing Estate, known as Dove Keep Housing.

The facility will consist of 25 x 400kW diesel generator sets, 4 x 4125V/11kV Transformers; 1 x electrical switchroom; 1 x DNO switchroom, and one rectangular diesel fuel storage tank (being double skinned with bund to 110% of capacity). All the equipment, apart from the DNO switchroom which is of brick construction, are mounted inside enclosures.

I estimate the site to be approx. 45/50m x 10m and enclosed by a noise attenuating panel fence to be covered by a hedge. The height of the enclosure being between 2m to the east and 3.1m to the west. The reason for the varying in height due to the site being not level. This height means that it equipment inside the enclosure cannot normally be seen. The fence has installed CCTV for security purposes.

The operation of the facility, output of which is variable from 400kW up to 10MW, will be at times of maximum demand on the electrical network. This is usually in the winter months, say December and January, from 16.30 hrs to 22.00hrs. Other times the facility may not be in operation unless there is a major problem with the electricity network. The facility is automatically operated from the local grid control centre, but can start automatically if the voltage and frequency fall below certain levels. This sort of operation is common across such generating plant in the country of which there are many and vary in size.

The noise study carried out at the two "receptors" for obtaining baseline noise figures are M01 - Dove Keep House and 25m from the road and M02 - Lane end Farm being 140m from the facility.

The baseline noise as we would expect is mainly traffic noise from Tutbury Road and a baseline noise coming from Tutbury itself. The "receptor" noise levels for operation have been set at M01 - 46dBA and M02 - 42 dBA. This usually means that when the facility is in operation, the noise at the "receptors" cannot go above the baseline noise level. The noise attenuation of the diesel generator sets and the enclosure will ensure this.

The electrical connection to the network, at 11kV, will be on Tutbury Road.

The deliveries of diesel fuel will be very infrequent, estimated at 2 to 3 times per month. I consider that deliveries will be limited to December and January when the facility could be in operation. The deliveries will be via the road access from Tutbury Road

When I first was made aware of the proposal, I was concerned that a large industrial power plant facility was to be built in the village. Now that I am more informed, I do not have any concerns over the facility being built in area. As you know I am very familiar with designing/developing/operating such facilities and would be happy to talk to individuals about the scheme if this would be of use.

Regards

Barry Gooding