



Traffic Management

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Introduction

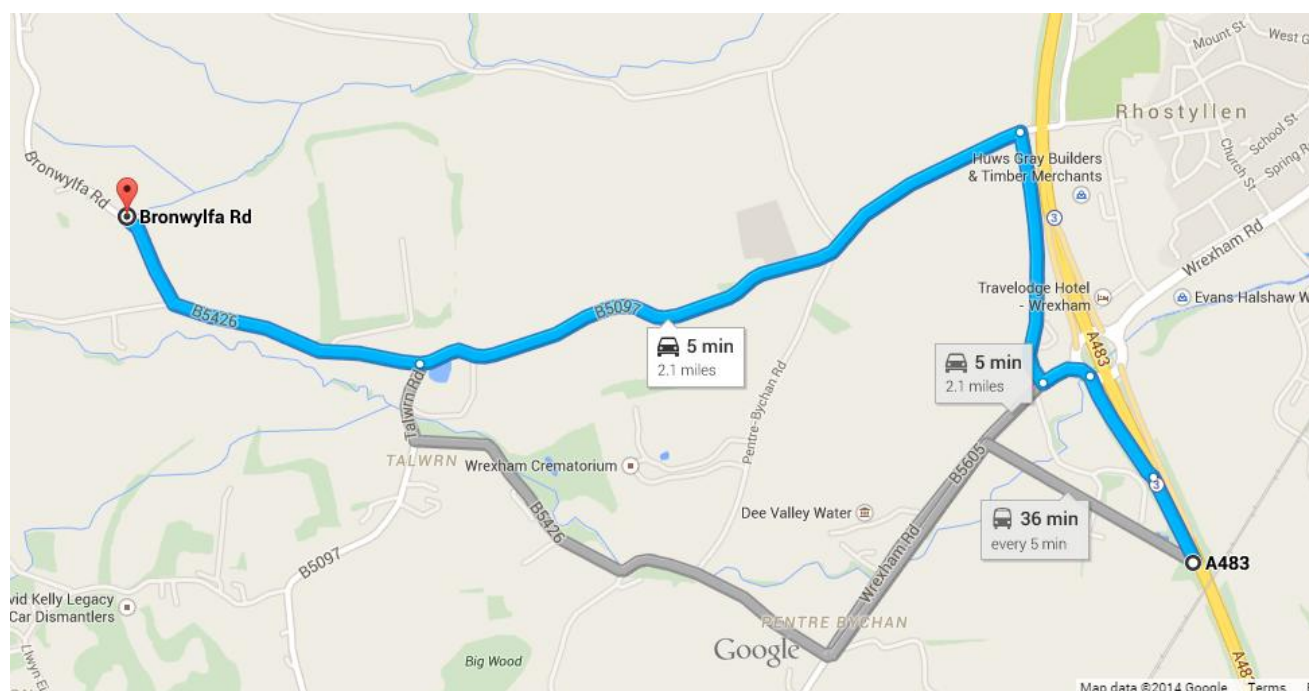
This document outlines British Gas Solar's intentions to control the impacts of the photo voltaic system at Legacy Farm on the road network. This document specifically relates to the discharge and compliance with Condition 2 of Planning Permission ESC P/2014/0263

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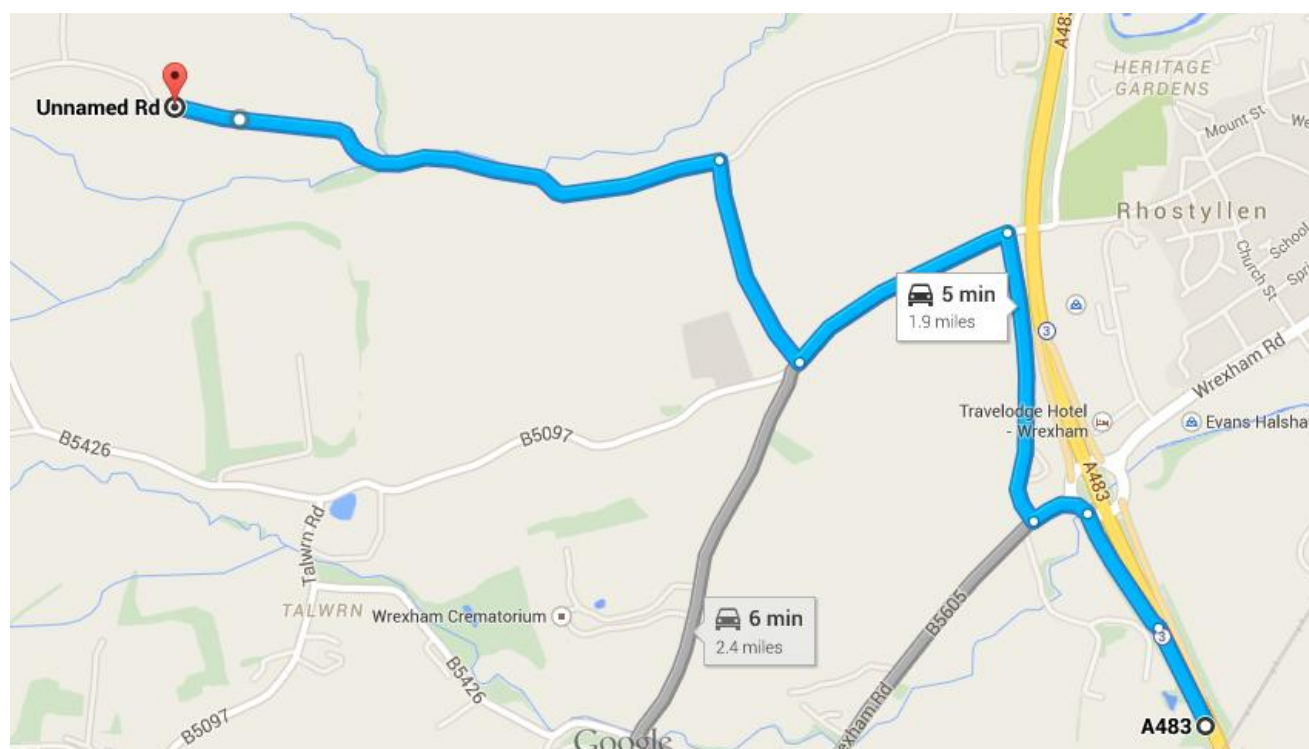
1. Site Access

It is the aim of British Gas Solar to operate with minimal interference with local traffic during the construction of PV system at Legacy Farm. One main route has been identified as suitable access to the construction site from the motorway network it is from the A483 via the B5426 and B5097. To avoid the requirement to transport one of the inverter housings across the entire site one delivery is required to the location described in 1.2.

1.1 Access to and from the A483 via the B5426 and B5097



1.2 Alternate access to and from the A483 via the B5097



2. Wheel Washing

To prevent the spread of soils and other contaminants to the local roads and surrounding area a wheel washing station will be employed at the access point of the construction area. The wash station will be used as required to remove soils and other potential contaminants from road traffic leaving site. The water supplying the station will be supplied by a mobile replenishable water bowser. The waste water will be removed from site in a mobile water bowser, the water will be treated and disposed of if necessary at a local waste management facility. This closed system will prevent potentially foul or contaminated water entering the local water environment. The wheel wash station will be located on an area of temporary hard standing indicated on drawings 208622-8002 and 208622-8001 and the wash station area will be bunded to contain any water spillage.

3. Road cleaning

British gas will employ the services of a local road cleaning specialist to clean the access road to the site and the public roads as far as required. The cleaning schedule will be done on a weekly basis or as required by the conditions of the local roads. The use of the wheel washing facilities as detailed above should minimize the impact of the construction process on the cleanliness of the local road network. British Gas will also conduct road cleaning at the reasonable request of any officer of the Highway Authority.

4. Site Details

4.1 The location and size of construction compound, the site compound will be located within Legacy Farm and the details are indicated on drawings 208622-8002 and 208622-8001.

4.2 Storage materials will be distributed directly to point of installation and the materials will temporally be stored within an area indicated on drawings 208622-8002 and 208622-8001 to allow more efficient unloading.

4.3 A dedicated turning area on site will be established to facilitate the turning of vehicles and this area has been indicated on drawings 208622-8002 and 208622-8001.

4.4 All existing access ways are suitable for the category of delivery vehicles scheduled and Legacy Farm regularly receives vehicles of this category. It can be confirmed that there are no requirements to make extensive modifications to the access from the public highway to Legacy Farm.

Modification will be required to the entrance of Legacy farm on the south west side. This will be done in accordance with the initial planning application and the associate drawing R3,4

4.5 Signage along B5426 and B5097 will be installed on the grass verges, suitable street lamps or existing signage posts along the route. The aim of these is to prevent construction traffic causing disruption by using longer than necessary or unsuitable routes

Signage will also be place adjacent the and in advance to the entrance in both directions of traffic to forewarn construction as well as local traffic of the site entrance.

5. Maintenance of the system

Drawing 2086223-2201-A PV LAYOUT indicates the route which is labelled as Solar Array Service Road this route will allow access for the service and maintenance of the system. During construction The road will be made up of a hardcore base that will have a temporary road plate on top to prevent erosion during the construction phase, the plating will be removed after the construction has been completed. The system will require scheduled maintenance visits approximately ten times per year, the largest vehicle required for scheduled maintenance will be a large panel van.

6. Delivery details

Delivery times will be from 08:00 and completed by 18:00 Monday to Friday, no deliveries will be scheduled on public holidays and weekends. There are no requirements for abnormal loads for the construction of Legacy Solar Farm, the key components will typically use the vehicles described below for transportation.

Material	Type	Maximum Payload	Maximum Length
Cable delivery	Articulated HGV	26T	17.6m
Electrical components	Fixed Cab LGV	7.5T	9.5M
Frame delivery	Articulated HGV	26T	17.6m
Welfare collection	Fixed Cab HGV	18T	11.5M
Welfare delivery	Fixed Cab HGV	18T	11.5M
Module deliveries	Articulated HGV	26T	17.6m
Inverter stations	Articulated HGV	26T	17.6m
Inverter components	Fixed Cab LGV	7.5T	9.5M
Plant collection	Articulated LGV hydraulic ramps	26T	17.6m
Building materials	Fixed Cab HGV	18T	11.5M
Switch gear delivery	Articulated LGV hydraulic ramps	26T	17.6m
Waste collection	Fixed Cab HGV	18T	11.5M