

Profile Description:
This profile is derived from the use of LiDAR data and shows the position and status of the power line at the time of survey. Please note that ground levels may have changed since the survey date.

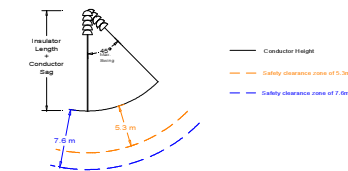
The profile states the lines current voltage. Any construction under the lines should allow for the likely possibility of upgrading of the line from 132kV to 275kV or 275kV to 400kV. Any permanent structures should adhere to the increased clearances.

Drawing Key:
The following clearances are derived from
the Energy Networks Association Technical
Specification 43-8.

- Tower Base
- Ground / Model Key
- Parallel Power Line
- Point Navigable
- Lake Navigable
- Pond Non Navigable
- Sweetening Pool
- Stream Non Navigable
- Roads
- Bridges
- Footpath/Gsidewalk/Track
- Miscellaneous
- Railroads
- Fence
- Wall
- Building
- Vegetation
- Power Line Crossings W
- Street Turnback
- Power Line Crossing St
- Leisure Area
- Picoaching Plant / Indus
- Substation
- Temporary Object
- Interpolated Ground Poi

Item	Description of Clearance	Minimum Clearance (metre) at 400KV
1	To Ground	7.6
2	To Normal Road Surface	8.1
3	To road surface of designated "S" or "m" high load roads	9.2
4	To motorway or other road surface where "alysgrade" can be used	10.5
5	To motorway road surface where scaffolding is to be used on: (i) Normal 2 lane motorway (ii) Elevated 2 lane motorways	16.3 13.3
6	To any object/building on which a person stand, including ladders, access platform, etc.	5.3
7	To any object to which is not required to which a person cannot stand or lean a ladder	3.1
8	To trees under or adjacent to line and: (i) Unlashed supporting ladder/climber (ii) Capable of supporting ladder/climber (iii) Trees falling towards line (iv) Conductors hanging vertically only	3.1 5.3 5.3 1.9
9	To trees in orchards and hop gardens	5.3
10	To trigonets, slurry guns and high pressure hoses	30.0
11	To street lighting standards with: (i) Standard lighting upright position (ii) Standard falling towards line with line conductors hanging vertically only (iii) Standard falling towards line	4.0 4.0 1.9

The conductors may swing (blow-out) to a maximum of 45 Degrees during very strong winds, clearances need to be maintained for this situation.



Clearance at 400KV Displayed

[illegible]

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Warwick Technology Park, Gallows Hill, Warwick, CV34 6D

Title	Towers 4TB057 to 4TB058
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Towers 41B057 to 41B058
 1. 1000 2. 1000

Left - A603 Right - A607

Chainage 21757 to 22103

Chalnage 21757 to 22103

Survey Date: 17/05/14

Survey Date: 11/08/14

4TB Pelham - Wymondley Main

Originator Drawing Number	28 NC 0130
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Originator Drawing Number 28_NG_0170

NGT Drawing Number	4TR001A-074 13714 A	Sheet No.	50
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41B001A-074_13/14_A	58
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SCALE:-	NGT Project No
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SCALE:-	NGT FORM NO
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Plotted 17/09/2015 09:33:28