



- LEGEND**
- The Order Limits
  - Study Area (5km)
  - Proposed Power Plant Site
  - Building - 7.5m high
  - Building - 61m high
  - Building - 107m high
  - Building - 198m high
  - Woodland - 15m high
  - Zone of Theoretical Visibility of Proposed Development Site

First Issue	GB	SE	05.01.18	0
Revision Details	By	Check	Date	Suffix

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**ENVIRONMENTAL STATEMENT**

Client  
**EDF ENERGY  
 (THERMAL GENERATION) LIMITED**

Project Title  
**WEST BURTON C (GAS FIRED  
 GENERATING STATION)**

**FIGURE 10.4  
 ZONE OF  
 THEORETICAL VISIBILITY**

Drawn GB	Checked SE	Approved RL	Date 05.01.18
AECOM Internal Project No. 60527350		Scale @ A3 1:45,000	

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**NOTE:**  
 Zone of Theoretical Visibility (ZTV) has been generated using Ordnance Survey Terrain 5 digital terrain model which does not take account of the screening effects of vegetation, buildings or other structures.

Woodland areas and buildings from OS Opendata have been incorporated into the Digital Terrain Model (DTM). All woodland has been given a height of 15m. Buildings have been modelled using the heights detailed on the drawing.

ZTV has been generated based upon an observer eye height of 1.6m above ground level (AGL).

ZTV is based upon points taken every 10m around the edge of the power plant and a 10m grid within this, with a receptor height of 45m, and a ground elevation of 14m Above Ordnance Datum. All heights mentioned above are above ground level (AGL) unless otherwise specified.

File Name: K:\Newproj\60527350 - West Burton C Gas Fired Power Station\06\_GIS\02\_Maps\Environmental Statement\Figures\West Burton C\Figure 10.4 - Rev 0.mxd