



- LEGEND**
- Llyr Offshore Project Boundary
 - Llyr Array Area
 - Llyr Indicative Turbine Locations
 - Study Area 45km
 - 12 Nautical Mile UK Territorial Limit
 - Consented Projects
 - Application Projects
 - Scoping Projects
 - Scoping Projects
 - Llyr Project Theoretically Visible
 - Consented, Application and Scoping Projects Theoretically Visible
 - Llyr, Consented, Application and Scoping Projects Theoretically Visible

NOTES

Spatial Reference
 Name: WGS 1984 UTM Zone 30N
 GCS: GCS WGS 1984
 Datum: WGS 1984
 Projection: Transverse Mercator
 Map Units: Meter

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Zone of Theoretical Visibility (ZTV) for the proposed Llyr turbine array areas, based on a maximum hub height of 177m above sea level, calculated from Indicative WTG Locations. Zone of Theoretical Visibility for Erebus is based on a maximum hub height of 149m calculated from published turbine locations. Zone of Theoretical Visibility for White Cross is based on a maximum hub height of 153m calculated from published turbine locations. Zone of Theoretical Visibility for Valorous is based on a maximum hub height of 150m calculated from published turbine locations. Zone of Theoretical Visibility for Llyr 2 is based on a maximum hub height of 162.5m calculated from the corners of the scoping boundary. ZTV calculated with a viewer height of 1.8m using a Digital Terrain Model based on OS Terrain 5, which does not take account of the screening effects of vegetation, buildings or other structures. Points not covered by OS Terrain 5 data were given a height of 3.83m (High Astronomical Tide).

ISSUE PURPOSE

FINAL

PROJECT NUMBER

60669422

FIGURE TITLE

Offshore Cumulative Night-time ZTV (existing, consented, application and scoping schemes + proposed Project)

FIGURE NUMBER

Figure 23.18

