



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