



**Legend**

- Proposed Turbine Location
- Application Boundary
- 10km Radii
- 20km Study Area
- Operational Turbine
- Viewpoint Location
- Night Time Assessment Viewpoint Location
- Dark Sky Park Viewing Location
- Dark Sky Park Core
- Dark Sky Park Buffer

**ZTV of Turbine Hub Lighting**

- No. of Theoretically Visible Hub Lights**
- 1 - 2
  - 3 - 4
  - 5 - 6
  - 7 - 8
  - 9 - 10
  - 11

Hub height:	105 m	Observer height:	2m
DTM:	OST5 / OST50	Surface features:	Excluded
DTM resolution:	10 m	Earth curvature:	Included

**Dark Sky Park Viewing Locations**

- 1 - Galloway Red Deer Range
- 2 - Clatteringshaws Visitor Centre
- 3 - Glentrool Visitor Centre
- 4 - Bruce's Stone
- 5 - Caldons Woodlands
- 6 - Kirroughtree Visitor Centre
- 7 - Loch Braden
- 8 - Loch Doon south end
- 9 - Talnotry
- 10 - Raiders road west end

**Viewpoints**

- 1 - Eldrig Fell
- 2 - SUW (Knockniehourie)
- 3 - SUW (Craig Airie Fell)
- 4 - SUW (West of Derry)
- 5 - B7027 Loch Maberry
- 6 - Minor Road near Bennylow (Culvannan Fell)
- 7 - Mains of Larg (New Luce)
- 8 - SUW (Hill of Ochitree)
- 9 - A75 Dergoals
- 10 - SUW (Glenwhan Moor)
- 11 - A714, Bargrennan Cottage
- 12 - A714 north of Newton Stewart
- 13 - Mochrum Loch
- 14 - Bruce's Stone, Glentrool
- 15 - A77 by Cairnpa
- 16 - The Merrick
- 17 - A75, Point Nets



C	10/12/2019	LA	Third Issue.
B	22/11/2019	LA	Second Issue.
A	12/11/2019	LA	First Issue.
Rev	Date	By	Comment

1:180,000  
Scale @ A3

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**Kilgallioch Windfarm Extension**  
Technical Appendix  
ZTV of Turbine Hub Lighting (20km)

Drg No	EDI_1706_EIAR	
Rev	C	Datum: OSGB36
Date	10/12/19	Projection: TM
Figure	TA6.2-2	