



- Legend**
- Proposed Turbine Location
  - Application Boundary
  - 10km Radii
  - 20km Study Area
  - 45km Radius
  - 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 / OST0	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 Mabery
  - 6 - Minor Road near Bennylow (Culvennan 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 Cairnpat
  - 16 - The Merrick
  - 17 - A75, Point Nets

	C	10/12/2019	LA	Third Issue.	1:400,000 Scale @ A3		<b>Kilgallioch Windfarm Extension</b> Technical Appendix ZTV of Turbine Hub Lighting (45km)	Drg No	EDI_1706_EIAR	
	B	22/11/2019	LA	Second Issue.				Rev	C	Datum:
	A	12/11/2019	LA	First Issue.	Date	10/12/19		Projection:	TM	
	Rev	Date	By	Comment	Figure	TA6.2-1				

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