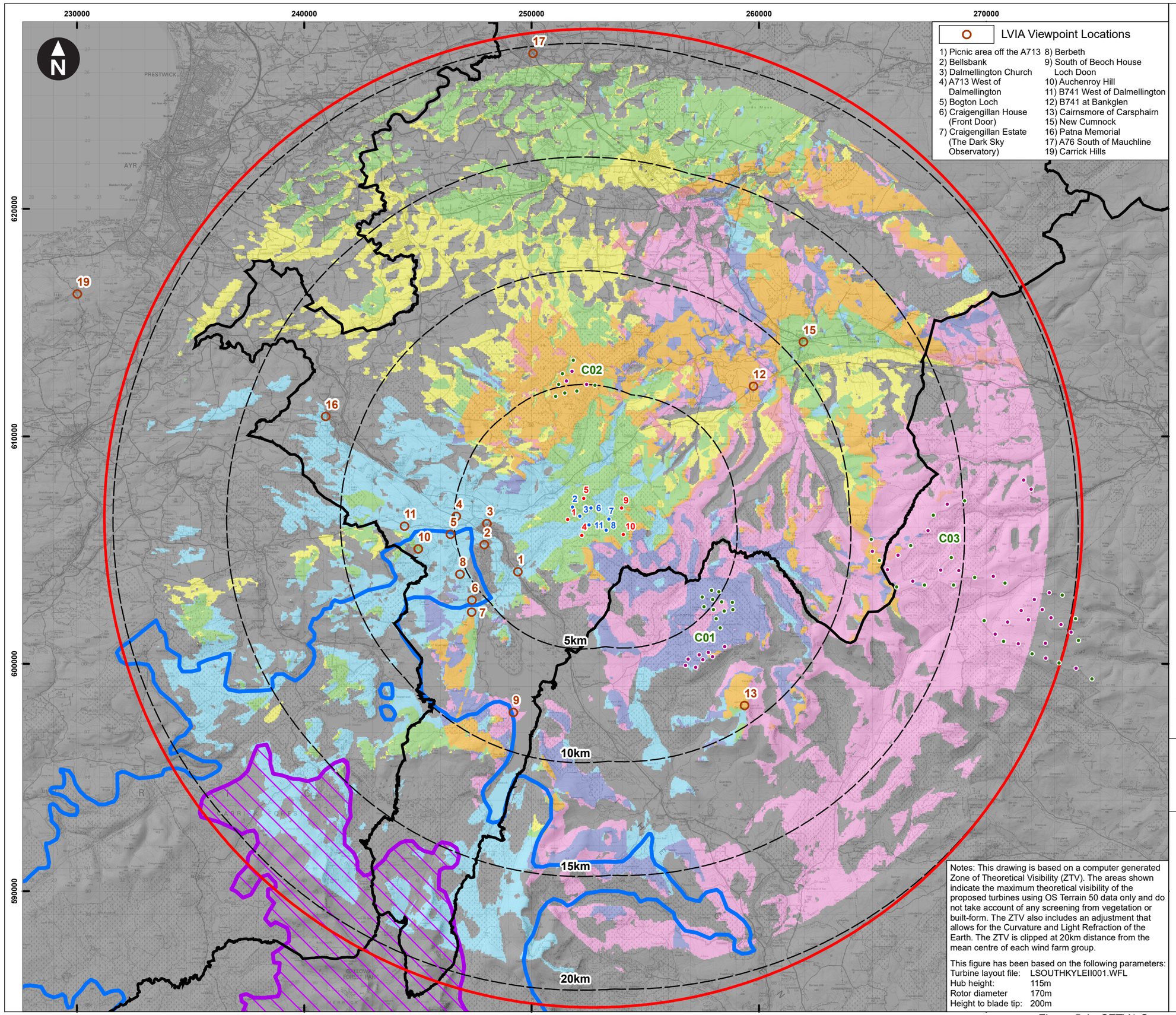

Key

- Proposed lit turbine locations
- Proposed unlit turbine locations
- Landscape and Visual Study Area
- Local authority boundaries
- Lines indicating the distance from the proposed turbines
- Galloway Forest Dark Sky Park: Core Zone
- Galloway Forest Dark Sky Park: Buffer Zone
- Lit Consented Wind Farms

C01) Windy Standard Phase III (12 turbines proposed to be lit)
C02) Over Hill (seven turbines proposed to be lit)
C03) Sanquhar II (19 turbines proposed to be lit)

- Unlit turbines in above wind farms
- South Kyle II Wind Farm may be theoretically visible
- Windy Standard Phase III / Sanquhar II wind farms may be theoretically visible
- Over Hill Wind Farm may be theoretically visible
- South Kyle II and Windy Standard Phase III / Sanquhar II wind farms may be theoretically visible
- South Kyle II and Over Hill wind farms may be theoretically visible
- Windy Standard Phase III / Sanquhar II and Over Hill wind farms may be theoretically visible
- South Kyle II, Windy Standard Phase III / Sanquhar II and Over Hill wind farms may be theoretically visible

0 1 2 3 4 5 6 7 8 9 10 km

Scale at A3: 1:160,000

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Notes: This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the proposed turbines using OS Terrain 50 data only and do not take account of any screening from vegetation or built-form. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV is clipped at 20km distance from the mean centre of each wind farm group.

This figure has been based on the following parameters:

Turbine layout file:	LSOUTHKYLEII001.WFL
Hub height:	115m
Rotor diameter	170m
Height to blade tip:	200m

Client

VATTENFALL

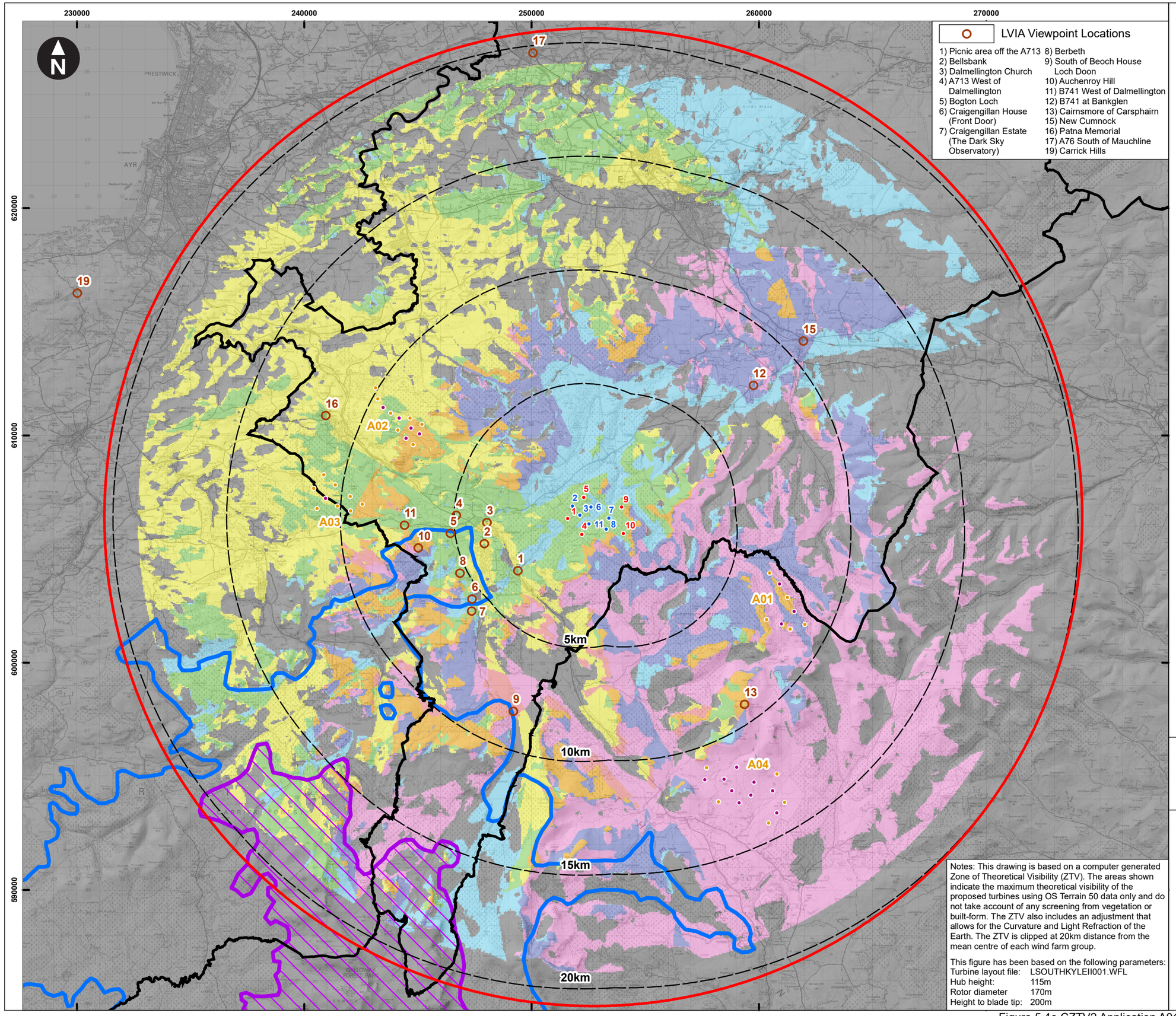
South Kyle II Wind Farm
Environmental Impact Assessment Report

Figure 5.4e
Cumulative Night-time ZTV - Consented Wind Farms with Lit Turbines

March 2025

wsp

Figure 5.4e CZTV1 Consented UK0037481.3726-WSPE-FG-SA-00004_R2.mxd Originator: UKCGW775



Key

- Proposed lit turbine locations
- Proposed unlit turbine locations
- Landscape and Visual Study Area
- Local authority boundaries
- Lines indicating the distance from the proposed turbines
- Galloway Forest Dark Sky Park: Core Zone
- Galloway Forest Dark Sky Park: Buffer Zone
- Lit Application Wind Farms

A01) Windy Standard Repower (five turbines proposed to be lit)
A02) Knockkippen (seven turbines proposed to be lit)
A03) Sclenteuch (eight turbines proposed to be lit)
A04) Quantans Hill (five turbines proposed to be lit)

- Unlit turbines in above wind farms
- South Kyle II Wind Farm may be theoretically visible
- Windy Standard Repower / Quantans Hill wind farms may be theoretically visible
- Knockkippen / Sclenteuch wind farms may be theoretically visible
- South Kyle II and Windy Standard Repower / Quantans Hill wind farms may be theoretically visible
- South Kyle II and Knockkippen / Sclenteuch wind farms may be theoretically visible
- Windy Standard Repower / Quantans Hill and Knockkippen . Sclenteuch wind farms may be theoretically visible
- South Kyle II, Windy Standard Repower / Quantans Hill and Knockkippen . Sclenteuch wind farms may be theoretically visible

0 1 2 3 4 5 6 7 8 9 10 km

Scale at A3: 1:160,000

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South Kyle II Wind Farm
Environmental Impact Assessment Report

Figure 5.4e
Cumulative Night-time ZTV - Application Wind Farms with Lit Turbines

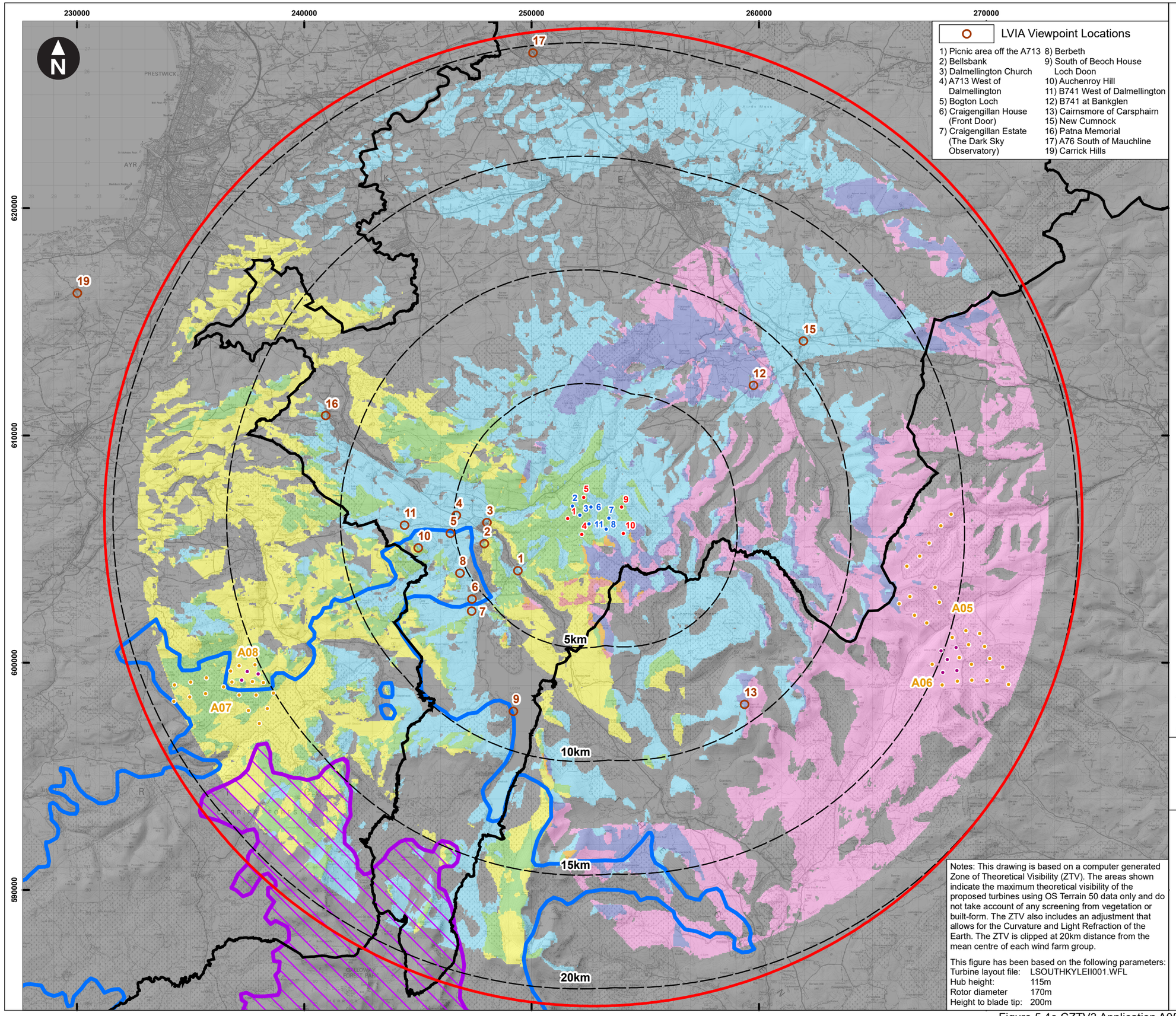
March 2025

Notes: This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the proposed turbines using OS Terrain 50 data only and do not take account of any screening from vegetation or built-form. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV is clipped at 20km distance from the mean centre of each wind farm group.

This figure has been based on the following parameters:

Turbine layout file:	LSOUTHKYLEII001.WFL
Hub height:	115m
Rotor diameter	170m
Height to blade tip:	200m

Figure 5.4e CZTV2 Application A01-04 UK0037481.3726-WSPE-FG-SA-00005_R2.mxd Originator: UKCGW775



Key

- Proposed lit turbine locations
- Proposed unlit turbine locations
- Landscape and Visual Study Area
- Local authority boundaries
- Lines indicating the distance from the proposed turbines
- Galloway Forest Dark Sky Park: Core Zone
- Galloway Forest Dark Sky Park: Buffer Zone
- Lit Application Wind Farms

A05) Euchanhead (all turbines proposed to be lit)
A06) Lorg Variation (five turbines proposed to be lit)
A07) Carrick (all turbines proposed to be lit)
A08) Knockcronal (six turbines proposed to be lit)

- Unlit turbines in above wind farms
- South Kyle II Wind Farm may be theoretically visible
- Euchanhead / Lorg Variation wind farms may be theoretically visible
- Carrick / Knockcronal wind farms may be theoretically visible
- South Kyle II and Euchanhead / Lorg Variation wind farms may be theoretically visible
- South Kyle II and Carrick / Knockcronal wind farms may be theoretically visible
- Euchanhead / Lorg Variation and Carrick / Knockcronal wind farms may be theoretically visible
- South Kyle II, Euchanhead / Lorg Variation and Carrick / Knockcronal wind farms may be theoretically visible

0 1 2 3 4 5 6 7 8 9 10 km

Scale at A3: 1:160,000

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Notes: This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the proposed turbines using OS Terrain 50 data only and do not take account of any screening from vegetation or built-form. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV is clipped at 20km distance from the mean centre of each wind farm group.

This figure has been based on the following parameters:

Turbine layout file:	LSOUTHKYLEII001.WFL
Hub height:	115m
Rotor diameter	170m
Height to blade tip:	200m

Client

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South Kyle II Wind Farm
Environmental Impact Assessment Report

Figure 5.4e
Cumulative Night-time ZTV - Application Wind Farms with Lit Turbines

March 2025

wsp

Figure 5.4e CZTV3 Application A05-08 UK0037481.3726-WSPE-FG-SA-00006_R2.mxd Originator: UKCGW775