Legend

- Application Boundary
- Design Freeze layout
- Existing Turbine
- 10 Km Radii from Outer Turbines
- Study Area (35 km from Outer Turbines)
- Viewpoint

Zones of Theoretical Visibility

Proposed Turbine Tip Height 180 m

Existing Turbine Tip Height 60 m

ID	Easting	Northing	Title
1	225962	881175	VP1 - Beinn Dearg
2	251843	887408	VP2 - Carn Salachaidh
3	248566	873870	VP3 - Loch Glass. by Wyvis Lodge
4	256846	877942	VP4 - Strath Rusdale
5	259044	858041	VP5 - A9 between Duncanston and Causeway
6	257277	874032	VP6 - Boath
7	258950	875196	VP7 - Minor Road at Inchlumpie - Revised Location due to woodland screening at VP7
8	260859	874565	VP8 - Minor Road by Ardross Distillery
9	251899	877346	VP9 - Loch Morie
10	260649	879274	VP10 - Summit of Beinn Tharsuinn
11	260755	869792	VP11 - Summit of Cnoc Fyrish
12	278585	867679	VP12 - Cromarty, Black Isle
13	266091	863022	VP13 - Easter Brae, Black Isle
14	280467	887656	VP14 - Dornoch Point
15	274771	886435	VP15 - Dornoch Firth Bridge
16	247096	868179	VP16b - Ben Wyvis. Lower Summit of An t- Socach
17	255921	853895	VP17 - A835 at Leanaig Junction
18	277985	853998	VP18 - B9039, approach to Ardersier
19	260729	859904	VP19 - Culbokie, Black Isle
20	252365	870916	VP20 - Glen Glass
21	269670	868889	VP21 - A817, Invergordon
22	231788	875289	VP22 - Torn Ban Mor
23	243211	883656	VP23 - Diebidale Ridge
24	250534	858555	VP24 - Knockfarrel
25	257824	845372	VP25 - A862 at Lentran
26	271455	847562	VP26 - A96 between Nairn and the Inverness Retail Park
27	280754	869026	VP27 - Sutors of Cromarty, Rosemarkie and Fort George SLA
28	272983	872261	VP28 - A9 East of Alness
29	266669	845126	VP29 - Viewing Tower at Inverness Castle
30	264288	873611	VP30 - Ardross Community Hall Southwest Façade
31	274368	844934	VP 31 - Culloden Battlefield

Note

The base map used is Ordnance Survey 1:50,000 Scale Raster. This product does not cover the full extent of the figure. Where gaps exist (open water), Ordnance Survey 1:250,000 Scale Raster has been included. The cartographic variation between datasets has not affected any analytical outputs or assessment findings.

DISCLAIMER :

1. The ZTV analysis does not take into account the screening effect of vegetation, buildings and other surface features.
2. Predicted visibility based on a viewer eye height 2 m above ground.
3. Visibility calculated using Ordnance Survey Terrain 5 DTM on a 5 m Grid.
4. Effect of earth curvature and light refraction is included.

Figure Title

Zone of Theoretical Visibility - Bare Ground - Comparative - Tip Height

Project Name

Novar 1 Wind Farm Repowering

Project No./Filery ID

1620016706 / REH2023N04156

Date	Figure No.	Revision
September 2026	5.5	1.0

Prepared By	Scale
RD	1:130,000 @A1

Client

nadara

RAMBOLL

10-km

20-km

30-km

0 10 20 km

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Coordinate System: British National Grid. Projection: Transverse Mercator. Datum: OSGB 1936.