



Proposed Lifetime Extension of
Ballywater Wind Farm

ElAR Volume 2
Photographic Visualisation Booklet

2024 1390



Visualisation 1

View from Cahore Point Coastal Walk in the townland of Cahore, located approximately 1.93km northeast of the nearest existing turbine.

View point grid reference	E 722308 N 647104
Date of image taken	13/12/2023
Time of image taken	09:13
View point elevation	7m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	223°
Horizontal extent of existing turbines	22°
Distance to nearest existing turbine	1.93km (T22)
Number of existing turbines visible	21/21
Turbine Hub Height	64m
Turbine Tip Height	99m
Turbine Rotor Diameter	70m
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Bing Maps



View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

- Area shown in 90° view
- Area shown in 53.5° view
- View Point

Wireline Legend

Existing Ballywater Wind Farm

Prepared by
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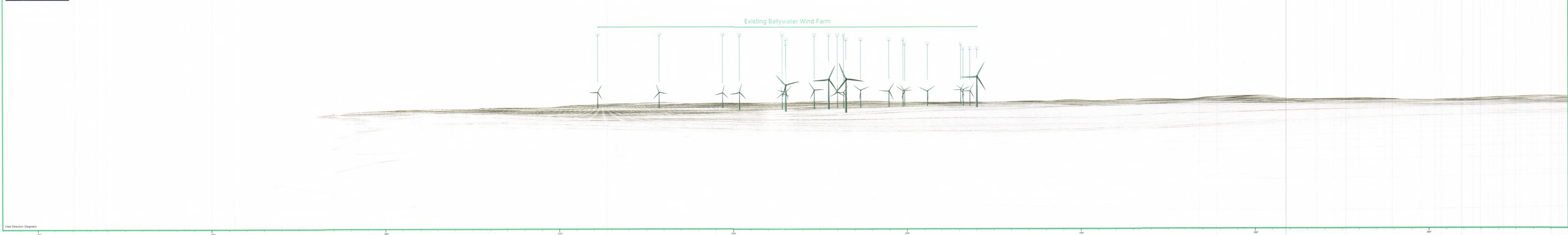


90° View Extent

53.5° View Extent



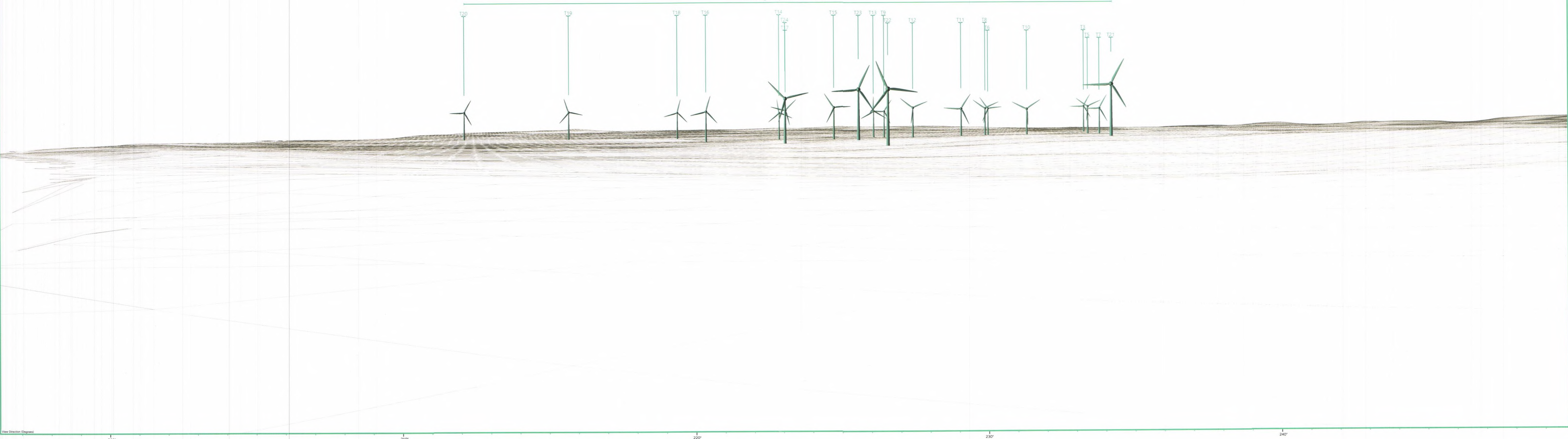
Matching Wireline



Proposed View at 53.5°



Existing Ballywater Wind Farm



Visualisation 2

View from a local road, Cahore road, bordering the townlands of Bog and Warren and Cahore, near Old Bawn Beach, located approximately 900m northeast from the nearest existing turbine.

View point grid reference	E 721705 N 646235
Date of image taken	13/12/2023
Time of image taken	09:52
View point elevation	2m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	231°
Horizontal extent of existing turbines	40°
Distance to nearest existing turbine	900m (T22)
Number of existing turbines visible	21/21
Turbine Hub Height	64m
Turbine Tip Height	99m
Turbine Rotor Diameter	70m
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Bing Maps



View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

- Area shown in 90° view
- Area shown in 53.5° view
- View Point

Wireline Legend

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Key Image at 120°

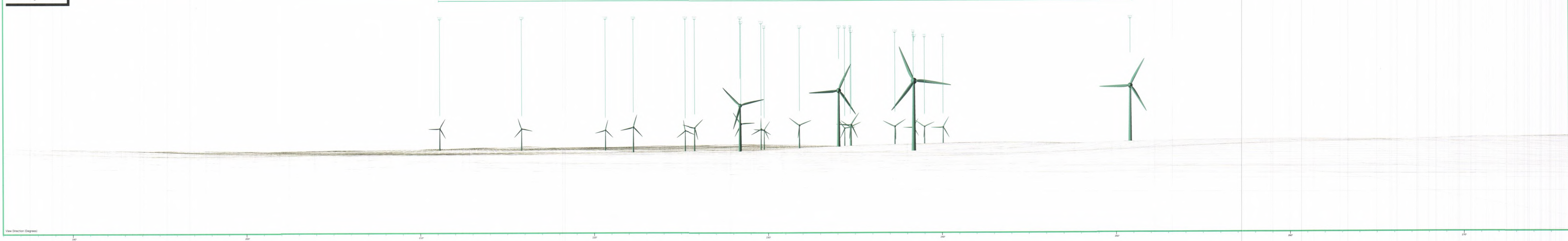
90° View Extent

53.5° View Extent



Matching Wireline

Existing Ballywater Wind Farm



Proposed View at 53.5°





Visualisation 3

View from a local road, Cahore Road, bordering the townlands of Newtown and Stable, located approximately 528m north from the nearest existing turbine, near Old Bawn Caravan Park.

View point grid reference	E 720853 N 646339
Date of image taken	13/12/2023
Time of image taken	10:18
View point elevation	18m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	199°
Horizontal extent of existing turbines	53°
Distance to nearest existing turbine	528m (T21)
Number of existing turbines visible	4/21
Turbine Hub Height	64m
Turbine Tip Height	99m
Turbine Rotor Diameter	70m
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Bing Maps



View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

- Area shown in 90° view
- Area shown in 53.5° view
- View Point

Wireline Legend

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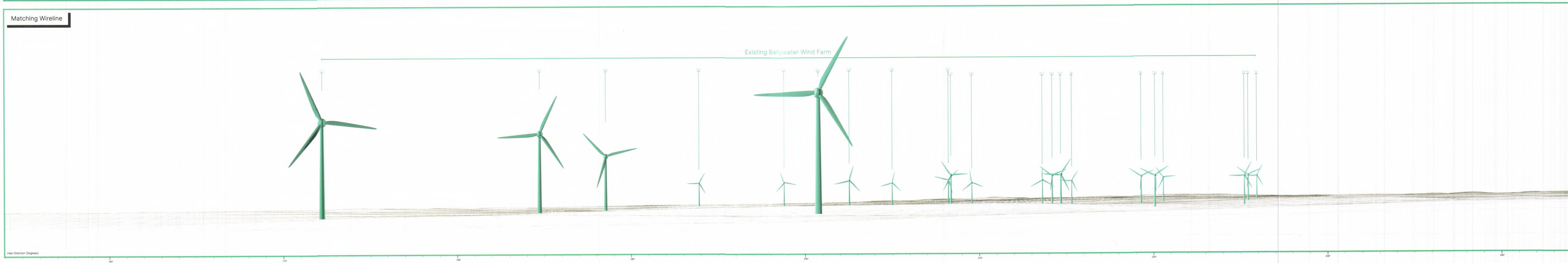
Key Image at 120°



53.5° View Extent

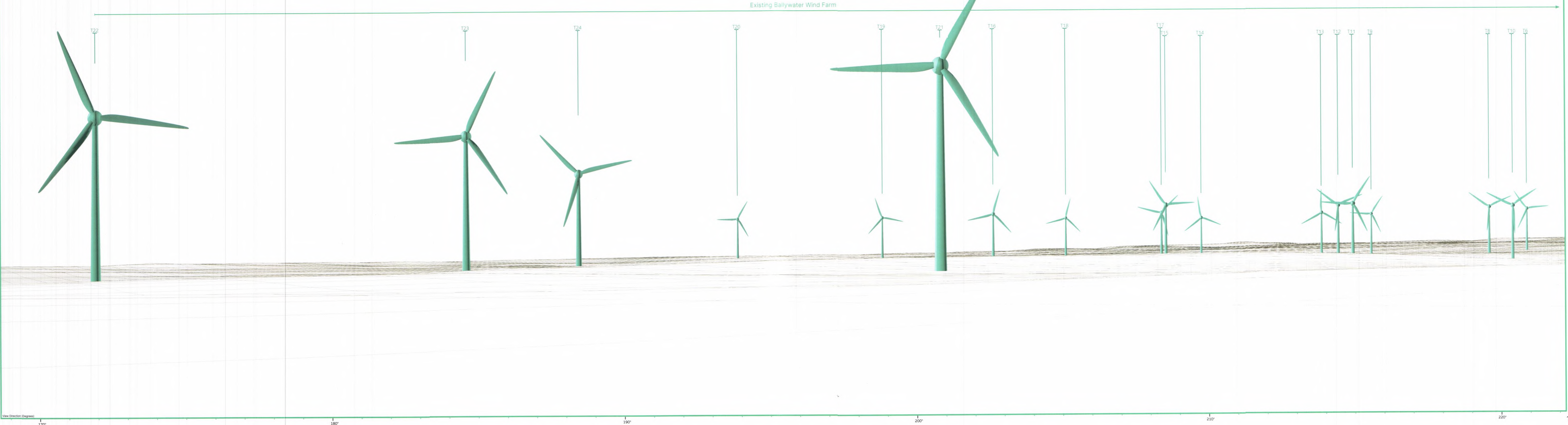


Matching Wireline



Proposed View at 53.5°





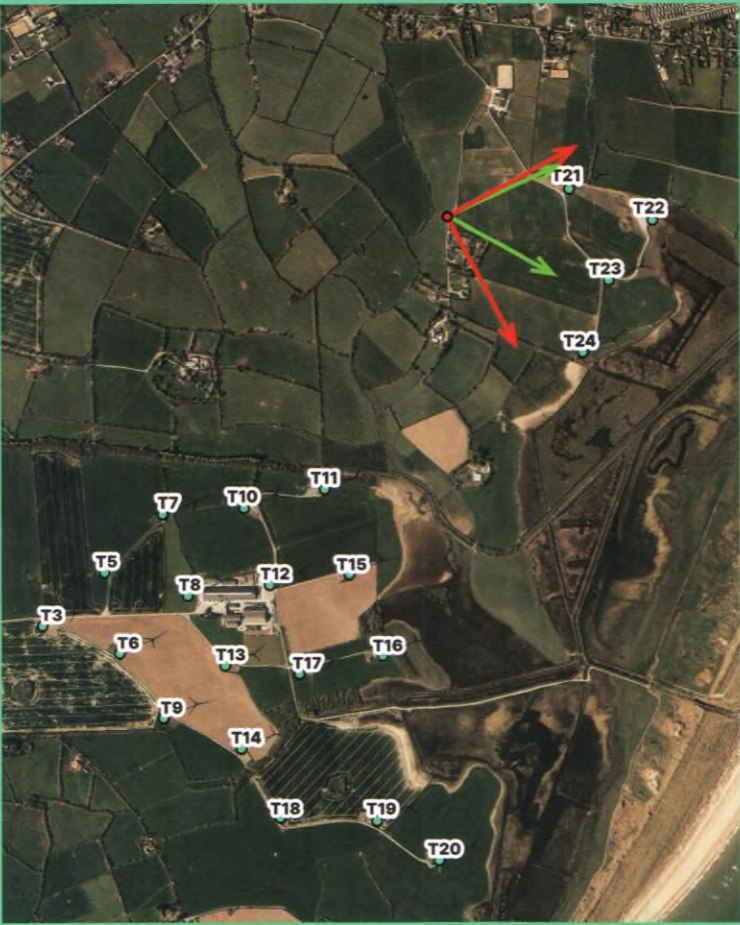
Visualisation 4

View from a local road in the townland of Oldtown, located approximately 409m west from the nearest existing turbine in the northern cluster of turbines, and approximately 986m north of the nearest existing turbine in the southern cluster of turbines.

View point grid reference	E 720279 N 645747
Date of image taken	13/12/2023
Time of image taken	11:08
View point elevation	10m
Angle of Views	View A: 90° / 53.5° View B: 90° / 53.5°
View Direction (Image Centre)	View A: 107°/ 91° View B: 197° / 207°
Horizontal extent of existing turbines	148°
Number of existing turbines visible	18/21
Turbine Hub Height	64m
Turbine Tip Height	99m
Turbine Rotor Diameter	70m
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Bing Maps



View point relative to 20km radius.



View point relative to wind farm site (East View)



Detail of view point location (East View)



View point relative to wind farm site (South West View)



Detail of view point location (South West View)

Map Legend

- Area shown in 90° view
- Area shown in 53.5° view
- View Point

Wireline Legend

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90° View Extent (East View)

90° View Extent (South West View)



53.5° View Extent (East View)

53.5° View Extent (South West View)



Matching Wireline



Proposed View at 53.5° (East)





Visualisation 4

View from a local road in the townland of Oldtown, located approximately 409m west from the nearest existing turbine in the northern cluster of turbines, and approximately 986m north of the nearest existing turbine in the southern cluster of turbines.

View point grid reference	E 720279 N 645747
Date of image taken	13/12/2023
Time of image taken	11:08
View point elevation	10m
Angle of Views	View A: 90° / 53.5° View B: 90° / 53.5°
View Direction (Image Centre)	View A: 107° / 91° View B: 197° / 207°
Horizontal extent of existing turbines	148°
Number of existing turbines visible	18/21
Turbine Hub Height	64m
Turbine Tip Height	99m
Turbine Rotor Diameter	70m
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
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View point relative to 20km radius.



View point relative to wind farm site (East View)



Detail of view point location (East View)



View point relative to wind farm site (South West View)



Detail of view point location (South West View)

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

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90° View Extent (East View)

90° View Extent (South West View)



53.5° View Extent (East View)

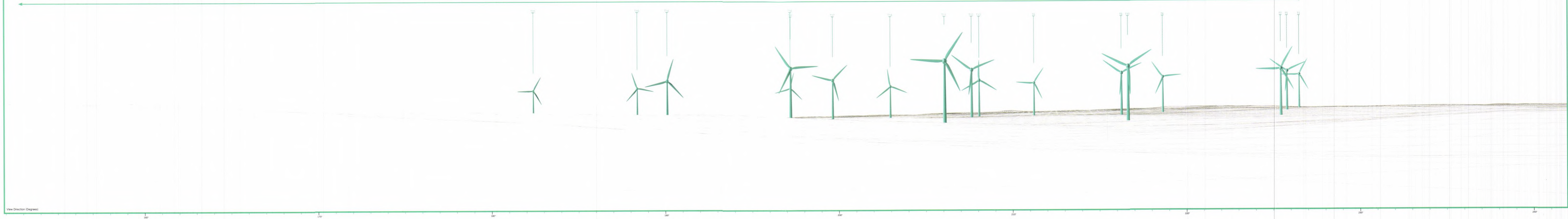
53.5° View Extent (South West View)

Proposed View at 90° (South West)



Matching Wireline

Existing Ballywater Wind Farm



Proposed View at 53.5° (South West)



Existing Ballywater Wind Farm



Visualisation 5

View from a local road just off the R742 Regional Road in the townland of Clonganny, located approximately 1.25km west from the nearest existing turbine.

View point grid reference	E 718407 N 645604
Date of image taken	13/12/2023
Time of image taken	12:18
View point elevation	15m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	121° / 139°
Horizontal extent of existing turbines	72°
Distance to nearest existing turbine	1.25km (T7)
Number of existing turbines visible	12/21
Turbine Hub Height	64m
Turbine Tip Height	99m
Turbine Rotor Diameter	70m
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Bing Maps



View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

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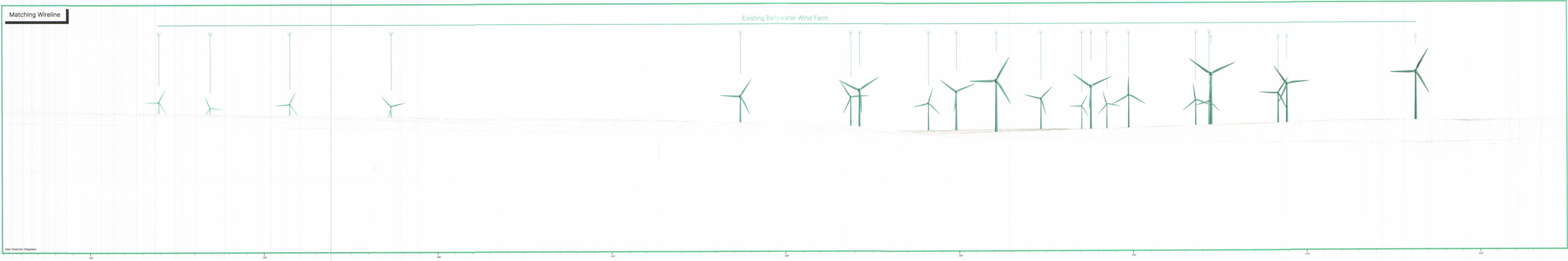
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90° View Extent

53.5° View Extent





0° Included Horizontal Angle (53.5°)

26.5°

53.5°

Proposed View at 53.5°

View Direction (Degrees)

160°

170°

180°

190°

200°

18.2°

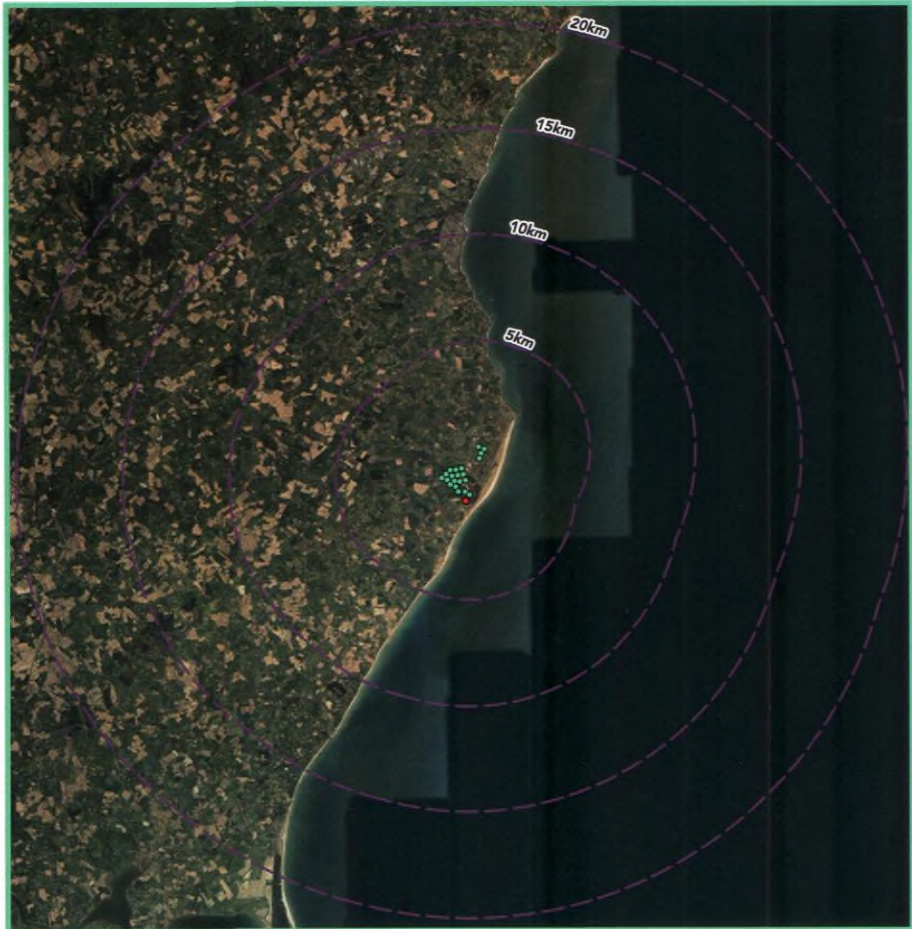
Proposed Lifetime Extension of Ballywater Wind Farm



Visualisation 6

View from a local road in the townland of Ballinoulart, located approximately 350m south from the nearest existing turbine.

View point grid reference	E 720058 N 643326.
Date of image taken	13/12/2023
Time of image taken	14:38
View point elevation	9.1m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	354°
Horizontal extent of existing turbines	78°
Distance to nearest existing turbine	350m (T20)
Number of existing turbines visible	21/21
Turbine Hub Height	64m
Turbine Tip Height	99m
Turbine Rotor Diameter	70m
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
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View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

- Area shown in 90° view
- Area shown in 53.5° view
- View Point

Wireline Legend

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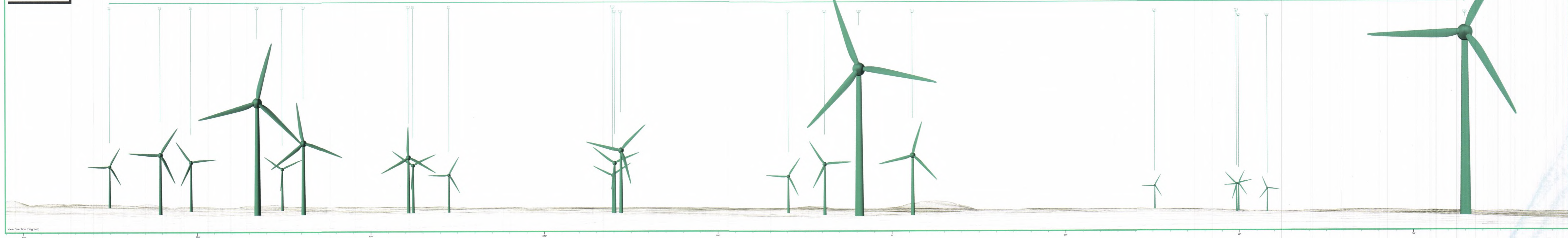
90° View Extent

53.5° View Extent



Matching Wireline

Existing Ballywater Wind Farm



Proposed View at 53.5°



Existing Ballywater Wind Farm

0° Included Vertical Angle (18.2°)

9.1°

18.2°

29

View Direction (Degrees)

330°

340°

350°

0°

10°

20°

