

3.2 Viewpoint 2 - Siemens 2.3 MW (174 turbines)

Siemens 2.3 MW radials

From this viewpoint the visibility of the turbines is comparable to the situation described for viewpoint 1, although this landscape is a bit more sensitive towards visual impacts. The landscape between the viewer and the wind farm is open with only a few elements in the harbour. This way the wind farm attracts more attention.

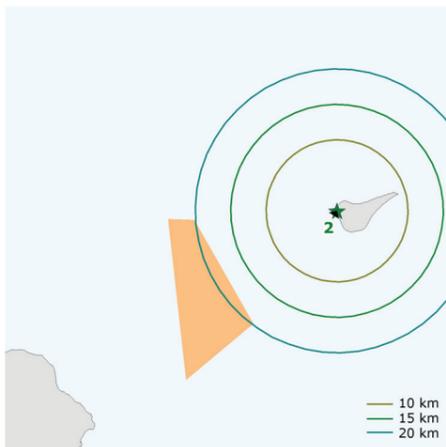
From this angle only the northern part of the wind farm is visible.

The transformer platform not visible from this angle



Siemens 2.3 MW arcs

The visual impacts of this layout are comparable to the impacts described above. However, the wind farm does not reach as far north as the radial layout. Therefore the impacts are slightly smaller.



3.3 Viewpoint 3 - Siemens 2.3 MW (174 turbines)

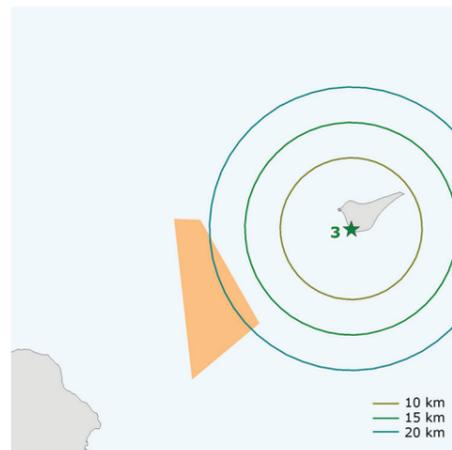
Siemens 2.3 MW radials

The turbines are covering a large part of the horizon resulting in a large visual impact. The visualization does not show the whole extent of the wind farm - however, the wind farm will cover most of the panoramic view seen from this point.

The landscape is sensitive towards visual changes since there are no other elements in the foreground. Therefore the turbines attract the eye.

Some of the turbines are standing in line whereas other turbines are more evenly spread. The ones standing in line in the right hand side of the visualization seem almost disconnected from the wind farm, but the geometry of the layout becomes recognizable.

In the left hand side of the photo the transformer platform is visible but not dominant compared to the larger scale turbines.



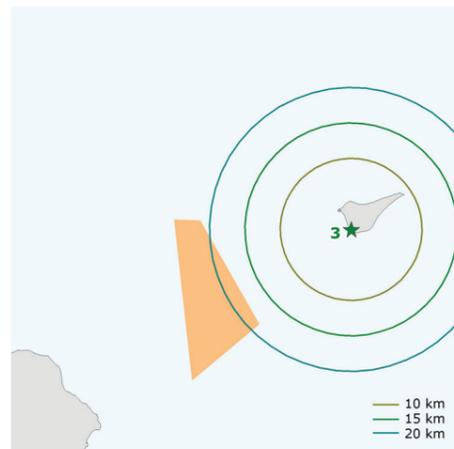
3.4 Viewpoint 3 - Siemens 2.3 MW (174 turbines)

Siemens 2.3 MW arcs

The visual impact is comparable to the impact of the radial layout but since the wind farm does not cover as much of the sea view, the impact is slightly smaller. The wind farm will nevertheless still cover most of the panoramic view seen from this point.

From this point of view the turbines in the centre stand in line.

The transformer platform has the same visual impact as described for the radial layout.



3.5 Viewpoint 2 - Night visualization - Siemens 2.3 MW (174 turbines)

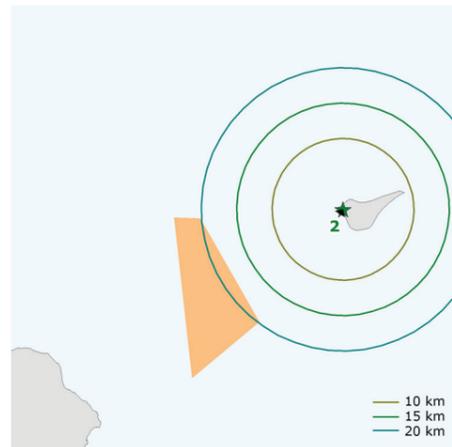
Siemens 2.3 MW radials

The lights on the harbour at Anholt attract some attention which reduces the sensitivity of the landscape regarding impacts from lights at night. However, a great part of the seascape is still undisturbed in spite of the lights at the harbour, which means that lights on the turbines may have an impact – especially seen from parts of the island where the harbour is not visible.

The lights on the turbines may be visible under good weather conditions. The night visualization from Anholt illustrates the red lights on the turbines, which are visible on the horizon.

The blinking white lights are not illustrated on the visualization but will further increase the visibility of the wind farm.

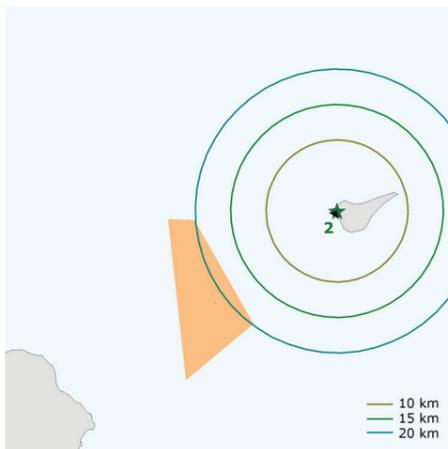
The transformer is not estimated to be visible at night.



Siemens 2.3 MW arcs

The visual impacts of the arc layout are comparable to the impacts described above of the radial layout.

The difference between the radial and arc layout is minor. The main difference is the extent of the wind farm – the radial layout stretches further north, but since the turbines are less visible at night the difference between the layouts are more difficult to perceive.



3.6 Viewpoint 1 - Repower 5MW (80 turbines)

Repower 5MW radials

The visual impact is comparable to the one described for the Siemens 2.3, but the larger turbines result in a slightly larger visual impact.

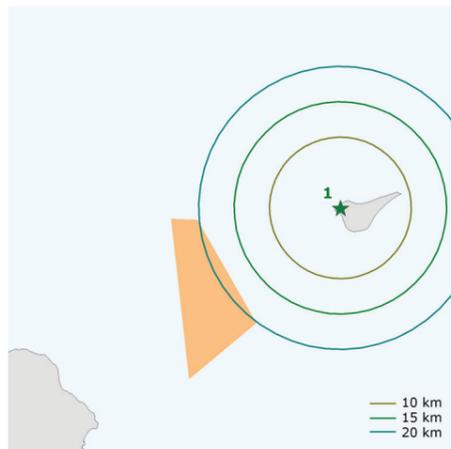
The distance between the turbines is larger, compared to the smaller turbines, which creates a lighter impression. All though there are fewer turbines they result in a larger visual impact because they appear closer due to their size.

The transformer is not visible due to the placement in relation to the landscape on Anholt as described earlier.

Repower 5MW arcs

In this layout the turbines seem like a homogenous unit, all though the distance between them is large. However, the geometry is not as recognisable as the case was with the smaller turbines where the lines were a bit more distinct.

Compared to the radial layout the turbines are located further to the south which makes them less dominant seen from this point in the landscape. Compared to the Siemens turbines the visual impact is larger due to the difference in scale of the turbines.



3.7 Viewpoint 2 - Repower 5MW (80 turbines)

Repower 5MW radials

The turbines are very visible from this viewpoint due to their height. The geometry of the layout is not easily perceived, but the turbines look evenly spread which gives it a more homogenous expression.

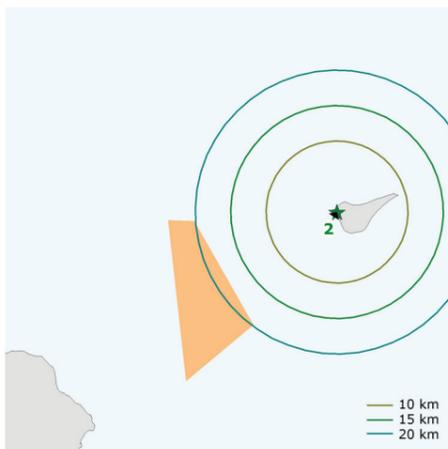
The transformer is not visible from this viewpoint since it is placed further south.



Repower 5MW arcs

The arc layout and the large distance between the turbines result in a scattered image of the turbines seen from this angle. Especially the ones to the far right seem almost disconnected from the rest of the wind farm.

Seen from this angle the visual impact is moderate since only a small part of the horizon is affected.



3.8 Viewpoint 3 - Repower 5MW (80 turbines)

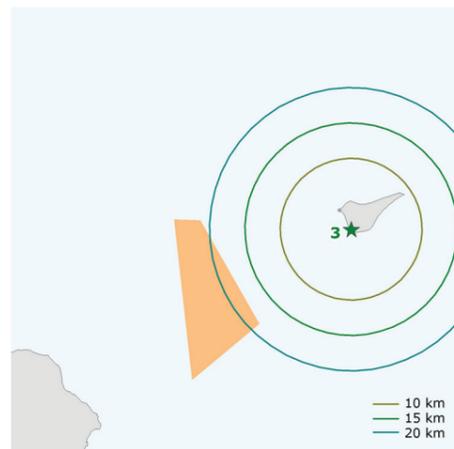
Repower 5MW radials

The turbines are higher and therefore more visible than the Siemens turbines.

The distance between the turbines is larger which can give a lighter impression. Nevertheless the visual impact is still large since the turbines are very visible even from a large distance and they cover most of the panoramic view of the sea from this point.

As described earlier, the landscape is sensitive in this area since there are no other elements in the foreground or background.

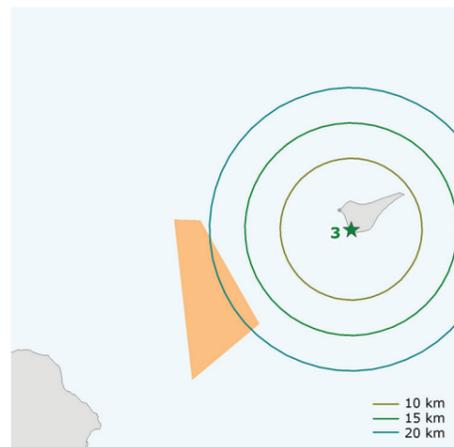
The transformer appears behind the wind farm but does not seem dominant due to the difference in scale.



3.9 Viewpoint 3 - Repower 5MW (80 turbines)

Repower 5MW arcs

The visual impact is more or less the same as the one described for the radial layout, even though the wind farm does not reach as far north (right hand side of the photo) as the turbines in the radial layout.



3.10 Viewpoint 2 - Night visualization – Repower 5MW (80 turbines)

Repower 5MW radials

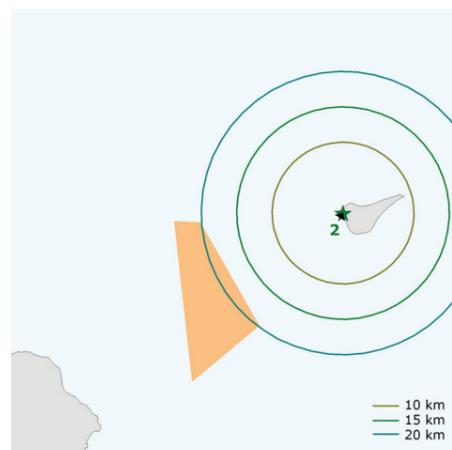
The sensitivity of the landscape is described in chapter 3.5.

As described for the night visualization of the Siemens 2.3, the lights on the turbines may be visible under good weather conditions. The night visualization from Anholt illustrates the red lights on the turbines, which are visible on the horizon.

The visual impacts during night are comparable to the impacts of the Siemens 2.3 regarding the red lights in the turbines, all though there are fewer lights when using larger turbines.

More importantly the larger turbines will be equipped with stronger blinking white lights compared to the smaller turbines. As a consequence the larger turbines are estimated to be more visible at night.

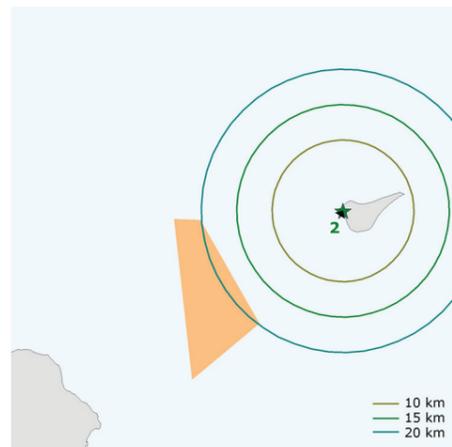
The transformer is not estimated to be visible at night.



Repower 5MW arcs

The visual impacts of the arc layout are comparable to the impacts described above of the radial layout.

The difference between the radial and arc layout is minor. The main difference is the extent of the wind farm – the radial layout stretches further north, but since the turbines are less visible at night the difference between the layouts is more difficult to perceive.



4. VISUALIZATIONS FROM BØNNERUP

4.1 Viewpoint 4 - Siemens 2.3 MW (174 turbines)

Siemens 2.3 MW radials

In Bønnerup there are already three turbines on the marina. This results in a view of the sea which is already influenced by turbines, all though the scale and number of turbines differ significantly.

The turbines are spread across the whole of the horizon seen from this point in the landscape but due to the distance they seem less dominant.

The transformer platform is not visible due to the distance.



Siemens 2.3 MW arcs

The wind farm in this layout covers the same area as the radial layout seen from this point, therefore the visual impacts are comparable.

