

Rhoscrowther | Wind Farm



Environmental Statement

Volume III: Technical Appendices

Appendix 5.5 - Viewpoint Analysis

October 2021

Table A5.5/1: Viewpoint Analysis

No	Location	Distance	Turbines visible	Array width	Context	Receptors (sensitivity)	Magnitude of change	Effects on views
Vp01	Bridleway north of Hoplass	0.277km (T3)	3 turbines	38°	Junction of minor road and local bridleway outside the National Park and on boundary of the HWEZ. The turbines would be very prominent, in the foreground with T3 very close, centred on the existing view of the Valero Oil Refinery chimneys and stacks, and not within the sector of the view that includes Angle Bay and Milford Haven.	Horse riders Walkers Cyclists Motorists (High/medium)	Very substantial/substantial	Major
Vp02	Lane to Rhoscrowther	0.777km (T1)	3 turbines	43°	On minor road to Rhoscrowther, on boundary of National Park and just inside the HWEZ. The turbines would be prominent, in the middle ground, in a receding line to the right of the Valero Oil Refinery chimneys and in front of the stacks.	Horse riders Walkers Cyclists Motorists (High/medium)	Substantial	Major/moderate+
Vp03	Entrance to Pembroke Power Station	1.040km (T2)	1 rotor, 2 partial rotors	36°	Junction with minor road outside the National Park and inside the HWEZ. Oblique view for motorists on minor road, forward view for workers leaving the power station. The turbine rotors would be clearly visible, in a line beyond and partially screened by the roadside hedgerow, to the left of the Valero Oil Refinery chimneys and stacks and beyond foreground vertical poles.	Motorists (high/medium)	Substantial	Major/moderate+
						Workers (low)		Moderate

No	Location	Distance	Turbines visible	Array width	Context	Receptors (sensitivity)	Magnitude of change	Effects on views
Vp04	Pembrokeshire and Wales Coast Path, west of Rhoscrowther	1.348km (T1)	3 turbines	18°	<p>On Pembrokeshire and Wales Coast Path in the National Park and HWEZ. An oblique inland view for walkers on the path, with the focus of the view being Angle Bay in the opposite direction.</p> <p>The turbines would be clearly visible, in a receding line to the right of the Valero Oil Refinery chimneys, with the base of the towers partially screened by intervening vegetation.</p>	Walkers on coast path (High)	Substantial/moderate	Major/moderate+
Vp05	Bridleway south of Wogaston	1.360km (T3)	3 turbines	16°	<p>On an elevated section of a local bridleway, also used as access to Wogaston Farm. View from local road nearby more restricted by the roadside vegetation. Outside National Park and HWEZ.</p>	Horse riders Walkers Cyclists (High/medium)	Substantial/moderate	Major/moderate
					<p>The turbines would be visible beyond the next ridgeline, in front of and to the right of the Valero Oil Refinery chimneys, with the Hoplass solar farm, the Pembroke Power Station and pylons in the view and the Castle Pill, Lower Scoveston Farm, Scoveston Park and Wear Point wind turbines noticeable on the north side of the Haven.</p>	Motorists (High/medium)	Moderate	Moderate+

No	Location	Distance	Turbines visible	Array width	Context	Receptors (sensitivity)	Magnitude of change	Effects on views
Vp06	Near Wallaston Green	1.480km (T3)	3 turbines	7°	On minor road south of Wallaston Green outside the National Park and the HWEZ. The turbines would be visible beyond the next ridgeline, in a line in front of the Valero Oil Refinery chimneys and beyond a line of nearby electricity poles, with the base of the towers partially screened by intervening vegetation. The Hoplass solar farm is also visible in the intervening fields (installed since baseline photograph was taken).	Motorists (High/medium)	Moderate	Major/moderate
Vp07	B4320, south of Neath	1.880km (T1)	3 turbines	24°	On elevated ridgeline road in National Park which provides elevated and panoramic views of Milford Haven when travelling towards Angle. The turbines would be clearly visible in the view to the side of the direction of travel, beyond the next ridgeline, in a line to the right of the Valero Oil Refinery chimneys (but in front of the stacks), with the Hoplass and Wogaston solar farms, the Pembroke Power Station and pylons and the Wear Point wind turbines also in the view.	Horse riders Walkers Cyclists Motorists (High/medium)	Substantial/moderate	Moderate/major
Vp08	Castlemartin	3.105km (T3)	3 rotors	11°	On minor road through the village of Castlemartin inside the National Park and with the Castlemartin Artillery Range just over the ridgeline to the south.	Residents (High)	Moderate/slight	Moderate+

No	Location	Distance	Turbines visible	Array width	Context	Receptors (sensitivity)	Magnitude of change	Effects on views
					The turbine rotors would be visible to the north, to the right of the Valero Oil Refinery chimneys and beyond two intervening ridgelines, which will screen the lower towers, with further screening of the rotors by garden and roadside vegetation.	Motorists (High/medium)		Moderate
Vp09	Pembrokeshire and Wales Coast Path, Angle Bay	3.567km (T1)	3 turbines	8°	On the foreshore near to the Coast Path (which is routed through woodland along this section of Angle Bay). In the National Park and outside the HWEZ. The turbines would be visible in a line to the right of the Valero Oil Refinery. The town of Milford Haven and some of the Castle Pill, Lower Scoveston Farm and Scoveston Park wind turbines are also noticeable on the north side of the Haven.	Walkers on Coast Path (High)	Moderate (foreshore)	Major/moderate
							Moderate/slight (coast path)	Moderate+
Vp10	The Raith, Milford Haven	3.524km (T1)	3 partial rotors	8°	On the Pembrokeshire and Wales Coast Path through a residential area in Milford Haven. There are panoramic views of the Haven to the south. The rotors would be noticeable on the other side of the Haven, between the Valero Oil Refinery stacks and chimneys, partially screened by the ridgeline and woodland above the cliff top.	Residents Walkers (High)	Slight	Moderate
						Motorists (Medium)		Moderate/minor

No	Location	Distance	Turbines visible	Array width	Context	Receptors (sensitivity)	Magnitude of change	Effects on views
Vp11	Pembrokeshire and Wales Coast Path near Gupton Farm	3.552km (T3)	3 rotors	12°	On the Wales Coast Path at an entrance to the Castlemartin firing range, just south of Gupton Farm and in the National Park. This is a similar but slightly more elevated view than from the nearby B4319.	Walkers on Coast Path (High)	Moderate/ slight	Moderate+
					The rotors would be visible in a line adjacent to the Valero Oil Refinery chimneys and in front of the stacks and Wear Point wind turbines, beyond several intervening ridgelines which would screen the lower towers. Some of the Castle Pill, Lower Scoveston Farm and Scoveston Park wind turbines are also discernible on the north side of the Haven.	Motorists (on B4319) (High/ medium)		Moderate
Vp12	The Old Point House, Angle on the Pembrokeshire and Wales Coast Path	3.878km (T1)	3 turbines	6°	Outside the Old Point House public house, on the Wales Coast Path inside the National Park and Heritage Coast. This provides a sea level and open view across Angle Bay. The turbines would be visible on the far side of Angle Bay, adjacent to the Valero Oil Refinery. The partial rotors of the Wear Point wind turbines are discernible on the skyline to the left of the oil refinery.	Walkers Visitors to Pub and beach (High)	Moderate/ slight	Moderate+
Vp13	Military Road, Pennar Park	3.906km (T3)	3 rotors	9°	In Pennar Park on the western side of Pennar. There are similar views from nearby residential properties on the southwestern edge of Pennar. This	Residents (High)	Moderate/ slight	Moderate+

No	Location	Distance	Turbines visible	Array width	Context	Receptors (sensitivity)	Magnitude of change	Effects on views
					<p>provides a view across the Pembroke River estuary.</p> <p>The turbine rotors would be visible in a line on the other side of the Pembroke River, between the Valero Oil Refinery and the pylons, and with the lower towers screened by intervening land.</p>	Park visitors (High/medium)		Moderate
Vp14	East of St Mary's Church, Angle Bay	4.411km (T1)	3 turbines	6°	<p>On the route from Angle down onto the beach, on the Wales Coast Path, in the National Park and Heritage Coast. This provides a sea level and open view across Angle Bay.</p> <p>The turbines would be visible on the far side of Angle Bay, adjacent to the Valero Oil Refinery. The blades of the Wear Point wind turbines are screened by vegetation.</p>	Walkers Visitors to beach (High)	Moderate/slight	Moderate+

No	Location	Distance	Turbines visible	Array width	Context	Receptors (sensitivity)	Magnitude of change	Effects on views
Vp15	Pembrokeshire and Wales Coast Path, North Hill	4.489km (T1)	3 turbines	5°	<p>On the Wales Coast Path in an elevated location on the north coast of the Angle Peninsular which provides panoramic views of the Haven. In the National Park and Heritage Coast.</p> <p>The turbines would be visible to the east, adjacent to the Valero Oil Refinery. At this location and along most of this section of the Wales Coast Path, there are panoramic views with the town of Milford Haven and Castle Pill, Lower Scoveston Farm, Scoveston Park and Wear Point wind turbines plus the Crican Farm wind turbine (left of view illustrated) also visible on the far side of the Haven.</p>	Walkers (High)	Moderate/ slight	Moderate+
Vp16	B4320, south of Angle	4.484km (T1)	2 partial rotors, 1 blade	7°	<p>On the junction between the B4320 and a minor road that are the main vehicular routes into and out of the village of Angle. In the National Park.</p> <p>The turbines would be visible in a line to the right of the Valero Oil Refinery over the nearby roadside hedgerow which would screen all but the upper rotors and refinery chimneys. At this location, the town of Milford Haven and the Castle Pill, Lower Scoveston Farm and Scoveston Park wind turbines are discernible on the far side of the Haven but the Wear Point wind turbines are screened by the roadside hedgerows.</p>	Motorists (High/ medium)	Slight	Moderate/ minor+

No	Location	Distance	Turbines visible	Array width	Context	Receptors (sensitivity)	Magnitude of change	Effects on views
Vp17	Hundleton Community Sports Field	4.391km (T3)	2 rotors, 1 partial rotor	6°	<p>In a sports field on the western edge of the village of Hundleton. Similar views from some of the properties on the edges of the village.</p> <p>The turbine rotors would be noticeable to the left of the Valero Oil Refinery chimneys which are visible from most of the sports field, partially screened by vegetation around the field and several intervening ridgelines which would further screen the turbine rotors from other parts of the field.</p>	Residents (High)	Slight	Moderate
						Sports field users (Medium)		Moderate/minor
Vp18	Gateway on North Lane, St Twynnels	5.081km (T3)	3 partial rotors	2°	<p>On a single-track lane on the western edge of the village of St Twynnels, on the boundary of the National Park. Similar views from some properties in the village.</p> <p>The partial rotors would be discernible in front of the Valero Oil Refinery chimneys, beyond and partially screened by the intervening ridgelines and vegetation. The Castle Pill, Lower Scoveston Farm, Scoveston Park and Wear Point wind turbines are just discernible on the north side of the Haven.</p>	Residents (High)	Slight/negligible	Moderate/minor+
						Horse riders Walkers Cyclists Motorists (High/medium)		Moderate/minor

No	Location	Distance	Turbines visible	Array width	Context	Receptors (sensitivity)	Magnitude of change	Effects on views
Vp19	West Angle Bay car park	5.817km (T1)	2 blades	4° (2°)	<p>In the car park at West Angle Bay on the far western side of the Angle Peninsular. In the National Park and on the landward edge of the Heritage Coast.</p> <p>The turbines would be to the right of the Valero Oil Refinery chimneys with T3 entirely screened and just the blades of T1 and T2 discernible above the vegetation.</p>	Walkers Visitors to beach (High)	Negligible	Moderate/ minor
Vp20	Cleddau Bridge	6.654km (T2)	3 rotors	6°	<p>Side view from the Cleddau Bridge. This is a two lane road bridge that spans the Haven between Pembroke and Nayland. It has shared use paths on both side and both the Wales Coast Path and Sustrans NCR 4 cross the estuary on this bridge. It provides a panoramic view of the Haven including much of the urban and industrial development on both sides but the direction of travel is side on to this view.</p> <p>The turbines would be noticeable in a line in the middle distance, on the south side of the Haven, beyond the Power Station and adjacent to the Valero Oil Refinery.</p>	Walkers Cyclists (High)	Slight	Moderate
						Motorists (Medium)		Moderate/ minor

No	Location	Distance	Turbines visible	Array width	Context	Receptors (sensitivity)	Magnitude of change	Effects on views
Vp21	Pembroke Castle	6.581km (T3)	2 rotors, 1 partial rotor	5°	<p>From a tower within the battlements of Pembroke Castle, a popular visitor attraction. The foci of views from the castle are towards the Pembroke River (to right of view captured in photograph) which wraps around the base of the rock on which the castle is built, and out towards the estuary to the northwest.</p> <p>The turbine rotors would be noticeable in the middle distance to the west adjacent to the Valero Oil Refinery and with the Pembroke Power Station to the right and the line of pylons stretching along the skyline to the left.</p>	Visitors to castle (High)	Slight	Moderate
Vp22	Pembrokeshire and Wales Coast Path, Great Castle Head	7.446km (T1)	3 partial turbines	2°	<p>Panoramic view of the Haven from the Pembrokeshire and Wales Coast Path on an undeveloped headland on the north side of the Haven. The South Hook jetty and liquefied gas terminal are visible on the nearby headland to the left.</p> <p>The turbines would be discernible on the south side of the Haven adjacent and very close to the Valero Oil Refinery and new CHP plant.</p>	Walkers (High)	Slight/negligible	Moderate/minor+
Vp23	Local road between Johnston and Trooper's Inn	9.135km (T1)	3 rotors	5°	<p>This is a panoramic view of rolling inland countryside to the south from a field gateway on a single track lane in the far northeast of the study area. The existing view southwards is side on to</p>	Horse riders Walkers Cyclists (High/medium)	Slight/negligible	Moderate/minor

No	Location	Distance	Turbines visible	Array width	Context	Receptors (sensitivity)	Magnitude of change	Effects on views
					<p>the direction of travel and some of the development along the Haven is discernible but the Haven itself is not.</p> <p>The turbine rotors would be discernible in the distance, between the Wear Point wind turbines and the Valero Oil Refinery chimneys, with the Castle Pill. Lower Scoveston Farm and Scoveston Park wind turbines to the right of the oil refinery and the Crican Farm wind turbine in the far right of the view.</p>	Motorists (Medium)		Minor+
Vp24	Pembrokeshire and Wales Coast Path, St Ann's Head	10.350km (T1)	3 rotors	3°	<p>This is an elevated view from the southern tip of the Dale Peninsular, at the entrance to Milford Haven, in the far west of the study area. It is on the Pembrokeshire and Wales Coast Path and in the National Park and Heritage Coast. It provides an elevated and panoramic view eastwards of the mix of developed and undeveloped coastlines on both sides of the Haven, including the Crican Farm, Castle Pill, Lower Scoveston Farm, Scoveston Park and Wear Point wind turbines.</p> <p>The turbine rotors would be discernible in the distance, adjacent to the Valero Oil Refinery, partially screened by the intervening Angle Peninsular.</p>	Walkers (High)	Slight/negligible	Moderate/minor+

No	Location	Distance	Turbines visible	Array width	Context	Receptors (sensitivity)	Magnitude of change	Effects on views
Vp25	Pembrokeshire and Wales Coast Path, Dale Waterfront	10.620km (T1)	2 rotors, 1 partial rotor	2°	<p>This is a view from the waterfront in the village of Dale on the east facing coast of the Dale Peninsular, in the far west of the study area. It is on the Pembrokeshire and Wales Coast Path and in the National Park and Heritage Coast. It provides a sea level and framed view eastwards towards the Haven and, as the photograph of the existing view illustrates, normally in the summertime, the bay is characterised by an abundance of small yachts with masts.</p> <p>The turbine rotors would be discernible in the distance, adjacent to the Valero Oil Refinery, with one rotor (T3) partially screened by the intervening Angle Peninsular.</p>	Residents. Walkers (High)	Slight/negligible	Moderate/minor+
						Motorists (High/medium)		Moderate/minor