

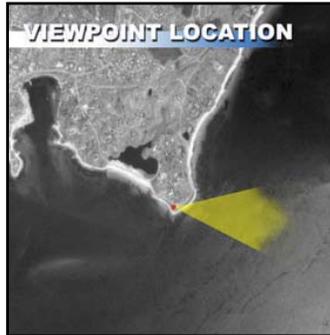
**PROPOSED VIEW**



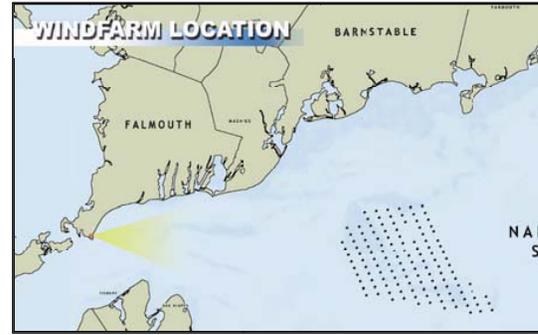
**EXISTING VIEW**



**VIEWPOINT LOCATION**



**WINDFARM LOCATION**



**INFORMATION**

**Viewpoint Specific Data**

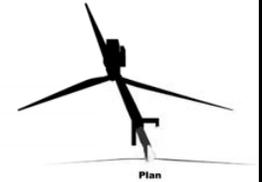
Viewpoint Name	Nobska Lighthouse
Viewpoint #	1
Viewpoint Location	41° 30' 56.80"N 70° 39' 18.28"W
Percentage of Total Turbines Visible	100%
Date Taken	1/22/2003
Time	11:53 AM
Temperature & Visibility	-7° C 19° F Clear
Direction of View	3° South of East
Field of View	40.115°
Focal Length	49.3mm
Closest Turbine	13.40 miles
Furthest Turbine	21.84 miles
Camera Elevation	55.74'

Please note that at distances over 3 miles (for viewers at sea level) the bases of the turbines would fall below the visible horizon due to curvature of the earth. However, refraction could potentially counter the screening effects of the earth's curvature. Therefore, turbines are shown at the visible horizon line in the simulations, which may create minor exaggerations in turbine height.

Displayed in 35mm equivalent MLLW - Mean Lower Low Water

**Model Dimensions and Data**

Proposed Color of Turbine	Off White (5 Percent Gray)
Height to Hub	257'
Hub Diameter	14'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	364'
Maximum Rotor Blade Width	12'
Maximum Height above MLLW <sup>2</sup>	440'
Wind Direction	SW
Height of Turbine Platform above MLLW <sup>2</sup>	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	NA
Coast Guard Warning Lights	NA



Plan



Front Elevation

Side Elevation

Viewpoint 1

**Nobska Lighthouse**

Falmouth, Cape Cod

July 2006

Prepared By:



Daytime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-1

Sheet 1 of 12

**PROPOSED VIEW**



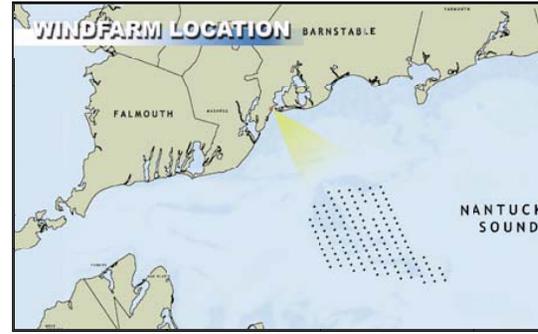
**EXISTING VIEW**



**VIEWPOINT LOCATION**



**WINDFARM LOCATION** BARNSTABLE



**INFORMATION**

**Viewpoint Specific Data**

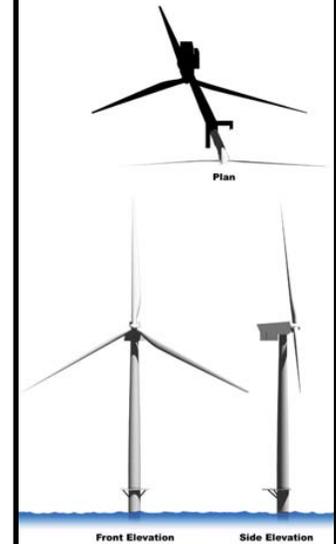
Viewpoint Name	Cotuit
Viewpoint #	5
Viewpoint Location	41° 36' 22.64"N 70° 26' 13.70"W
Percentage of Total Turbines Visible	100%
Date Taken	1/22/2003
Time	1:47pm
Temperature & Visibility	-7° C 19° F Clear
Direction of View	41° East of South
Field Of View	40.72°
Focal Length	48.5mm
Closest Turbine	5.70 miles
Furthest Turbine	14.25 miles
Camera Elevation	9.90'

Please note that at distances over 3 miles (for viewers at sea level) the bases of the turbines would fall below the visible horizon due to curvature of the earth. However, refraction could potentially counter the screening effects of the earth's curvature. Therefore, turbines are shown at the visible horizon line in the simulations, which may create minor exaggerations in turbine height.

Displayed in 35mm equivalent MLLW = Mean Lower Low Water

**Model Dimensions and Data**

Proposed Color of Turbine	Off White (5 Percent Gray)
Height to Hub	257'
Hub Diameter	14'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	364'
Maximum Rotor Blade Width	12'
Maximum Height above MLLW <sup>2</sup>	440'
Wind Direction	SW
Height of Turbine Platform above MLLW <sup>2</sup>	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	NA
Coast Guard Warning Lights	NA



Viewpoint 5

**Cotuit**

Barnstable, Cape Cod

July 2006

Prepared By:



Daytime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-1

Sheet 2 of 12

**PROPOSED VIEW**



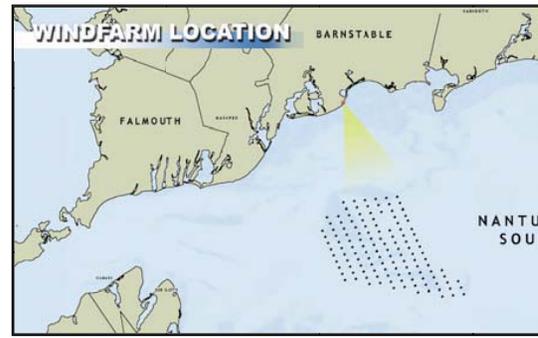
**EXISTING VIEW**



**VIEWPOINT LOCATION**



**WINDFARM LOCATION**



**INFORMATION**

**Viewpoint Specific Data**

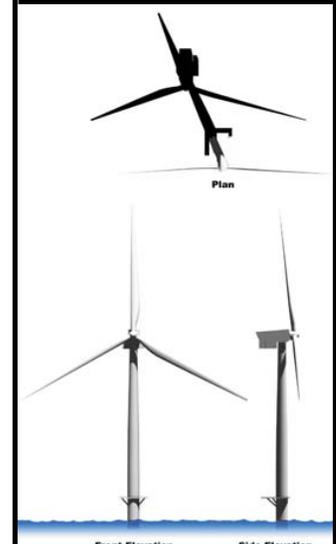
Viewpoint Name	Wianno
Viewpoint #	6
Viewpoint Location	41° 37' 01.10" N 70° 22' 12.67" W
Percentage of Total Turbines Visible	82%
Date Taken	1/22/2003
Time	4:28pm
Temperature & Visibility	-10° C 14° F Clear
Direction of View	20° East of South
Field Of View	39,966'
Focal Length	49.5mm
Closest Turbine	5.34 miles
Furthest Turbine	12.63 miles
Camera Elevation	28.58'

Please note that at distances over 3 miles (for viewers at sea level) the bases of the turbines would fall below the visible horizon due to curvature of the earth. However, refraction could potentially counter the screening effects of the earth's curvature. Therefore, turbines are shown at the visible horizon line in the simulations, which may create minor exaggerations in turbine height.

Displayed in 35mm equivalent MLLW - Mean Lowest Low Water

**Model Dimensions and Data**

Proposed Color of Turbine	Off White (5 Percent Gray)
Height to Hub	257'
Hub Diameter	14'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	364'
Maximum Rotor Blade Width	12'
Maximum Height above MLLW <sup>2</sup>	440'
Wind Direction	SW
Height of Turbine Platform above MLLW <sup>2</sup>	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	NA
Coast Guard Warning Lights	NA



Viewpoint 6

**Wianno**

Barnstable, Cape Cod

July 2006

Prepared By:



Daytime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-1

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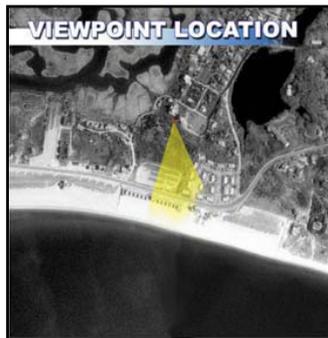
**PROPOSED VIEW**



**EXISTING VIEW**



**VIEWPOINT LOCATION**



**WINDFARM LOCATION**



**INFORMATION**

**Viewpoint Specific Data**

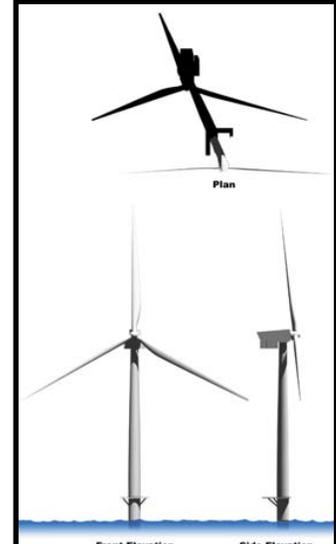
Viewpoint Name	Craigville
Viewpoint #	7
Viewpoint Location	41° 38' 17.74"N 70° 20' 9.69"W
Percentage of Total Turbines Visible	83%
Date Taken	12/12/03
Time	1:10pm
Temperature & Visibility	-6° C 21° F Clear
Direction of View	7° East of South
Field Of View	39.236
Focal Length	50.5mm
Closest Turbine	6.62 miles
Furthest Turbine	13.12 miles
Camera Elevation	34.57'

Please note that at distances over 3 miles (for viewers at sea level) the bases of the turbines would fall below the visible horizon due to curvature of the earth. However, refraction could potentially counter the screening effects of the earth's curvature. Therefore, turbines are shown at the visible horizon line in the simulations, which may create minor exaggerations in turbine height.

Displayed in 35mm equivalent MLLW - Mean Lowest Low Water

**Model Dimensions and Data**

Proposed Color of Turbine	Off White (5 Percent Gray)
Height to Hub	257'
Hub Diameter	14'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	364'
Maximum Rotor Blade Width	12'
Maximum Height above MLLW <sup>2</sup>	440'
Wind Direction	SW
Height of Turbine Platform above MLLW <sup>2</sup>	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	NA
Coast Guard Warning Lights	NA



Viewpoint 7

**Craigville**

Barnstable, Cape Cod

July 2006

Prepared By:



Daytime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-1

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**PROPOSED VIEW**



**EXISTING VIEW**



**VIEWPOINT LOCATION**



**WINDFARM LOCATION BARNSTABLE**



**INFORMATION**

**Viewpoint Specific Data**

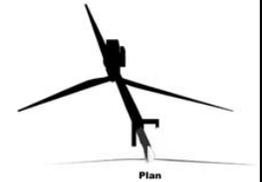
Viewpoint Name	Hyannis Port
Viewpoint #	8
Viewpoint Location	41° 37' 46.66"N 70° 18' 14.99"W
Percentage of Total Turbines Visible	88%
Date Taken	12/12/2003
Time	11:12am
Temperature & Visibility	-7° C 19° F Clear
Direction of View	3° West of South
Field of View	42.323°
Focal Length	46.5mm
Closest Turbine	5.97 miles
Furthest Turbine	12.02 miles
Camera Elevation	22.44'

Please note that at distances over 3 miles (for viewers at sea level) the bases of the turbines would fall below the visible horizon due to curvature of the earth. However, refraction could potentially counter the screening effects of the earth's curvature. Therefore, turbines are shown at the visible horizon line in the simulations, which may create minor exaggerations in turbine height.

Displayed in 35mm equivalent MLLW - Mean Lower Low Water

**Model Dimensions and Data**

Proposed Color of Turbine	Off White (5 Percent Gray)
Height to Hub	257'
Hub Diameter	14'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	364'
Maximum Rotor Blade Width	12'
Maximum Height above MLLW <sup>1</sup>	440'
Wind Direction	SW
Height of Turbine Platform above MLLW <sup>2</sup>	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	NA
Coast Guard Warning Lights	NA



Plan



Front Elevation

Side Elevation

Viewpoint 8

**Hyannis Port**

Barnstable, Cape Cod

July 2006

Prepared By:



Daytime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-1

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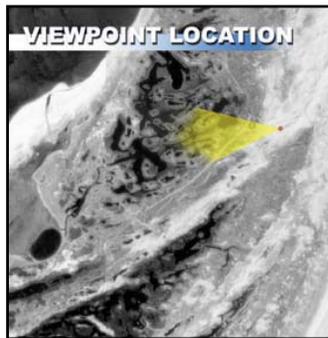
**PROPOSED VIEW**



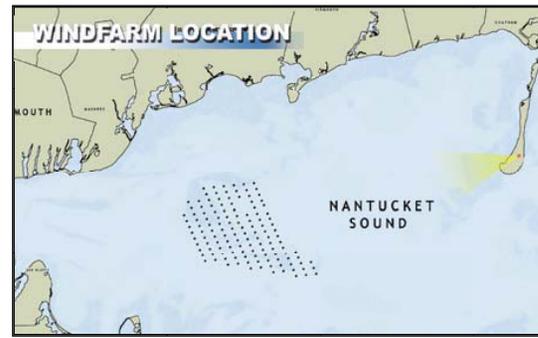
**EXISTING VIEW**



**VIEWPOINT LOCATION**



**WINDFARM LOCATION**



**INFORMATION**

**Viewpoint Specific Data**

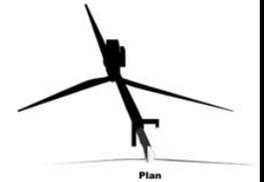
Viewpoint Name	Monomey
Viewpoint #	26
Viewpoint Location	41° 33' 32.57" N 69° 59' 31.48" W
Percentage of Total Turbines Visible	89%
Date Taken	6/10/2003
Time	10:12am
Temperature & Visibility	21° C 70° F Clear
Direction of View	5° South of West
Field of View	40.7°
Focal Length	48.5mm
Closest Turbine	14.48 miles
Furthest Turbine	21.20 miles
Camera Elevation	30.03'

Please note that at distances over 3 miles (for viewers at sea level) the bases of the turbines would fall below the visible horizon due to curvature of the earth. However, refraction could potentially counter the screening effects of the earth's curvature. Therefore, turbines are shown at the visible horizon line in the simulations, which may create minor exaggerations in turbine height.

Displayed in 35mm equivalent MLLW - Mean Lower Low Water

**Model Dimensions and Data**

Proposed Color of Turbine	Off White (5 Percent Gray)
Height to Hub	257'
Hub Diameter	14'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	364'
Maximum Rotor Blade Width	12'
Maximum Height above MLLW <sup>1</sup>	440'
Wind Direction	SW
Height of Turbine Platform above MLLW <sup>2</sup>	30'
Bounding Dim. of ESP (LxWxH)	NA
Aviation Warning Lights	NA
Coast Guard Warning Lights	NA



Plan



Front Elevation

Side Elevation

Viewpoint 26

**Monomey**

Chatham, Cape Cod

July 2006

Prepared By:



Daytime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-1

Sheet 6 of 12

**PROPOSED VIEW**



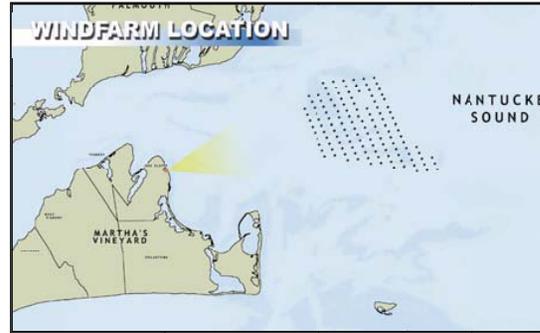
**EXISTING VIEW**



**VIEWPOINT LOCATION**



**WINDFARM LOCATION**



**INFORMATION**

**Viewpoint Specific Data**

Viewpoint Name	Oak Bluffs
Viewpoint #	21
Viewpoint Location	41° 27' 20.0978" N 73° 33' 23.92" W
Percentage of Total Turbines Visible	100%
Date Taken	2/6/2063
Time	3:03pm
Temperature & Visibility	-2° C 28° F Clear
Direction of View	70° East of North
Field of View	40.65°
Focal Length	48.6mm
Closest Turbine	9.26 miles
Furthest Turbine	16.43 miles
Camera Elevation	54.40'

Please note that at distances over 3 miles (for viewers at sea level) the bases of the turbines would fall below the visible horizon due to curvature of the earth. However, refraction could potentially counter the screening effects of the earth's curvature. Therefore, turbines are shown at the visible horizon line in the simulations, which may create minor exaggerations in turbine height.

Displayed in 35mm equivalent MLLW - Mean Lower Low Water

**Model Dimensions and Data**

Proposed Color of Turbine	Off White (5 Percent Gray)
Height to Hub	257'
Hub Diameter	14'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	364'
Maximum Rotor Blade Width	12'
Maximum Height above MLLW <sup>2</sup>	440'
Wind Direction	SW
Height of Turbine Platform above MLLW <sup>2</sup>	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	NA
Coast Guard Warning Lights	NA



Viewpoint 21

**Oak Bluffs**

Martha's Vineyard

July 2006

Prepared By:



Daytime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-1

Sheet 7 of 12

**PROPOSED VIEW**



**EXISTING VIEW**



**VIEWPOINT LOCATION**



**WINDFARM LOCATION**



**INFORMATION**

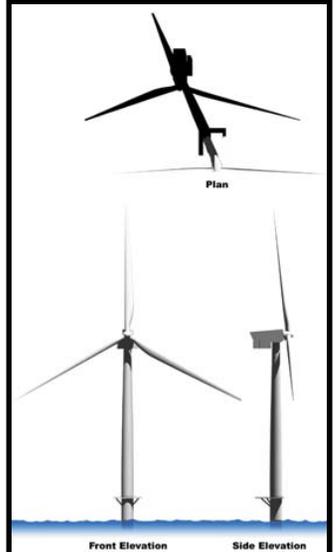
**Viewpoint Specific Data**

Viewpoint Name	Edgartown
Viewpoint #	20
Viewpoint Location	41° 23' 28.27" N 73° 30' 11.29" W
Percentage of Total Turbines Visible	88%
Date Taken	2/6/2003
Time	10:48am
Temperature & Visibility	2° C 35° F Clear
Direction of View	53° East of North
Field Of View	41.35°
Focal Length	47.7mm
Closest Turbine	8.92 miles
Furthest Turbine	14.52 miles
Camera Elevation	35.85'

Please note that at distances over 3 miles (for viewers at sea level) the bases of the turbines would fall below the visible horizon due to curvature of the earth. However, refraction could potentially counter the screening effects of the earth's curvature. Therefore, turbines are shown at the visible horizon line in the simulations, which may create minor exaggerations in turbine height.

**Model Dimensions and Data**

Proposed Color of Turbine	Off White (5 Percent Gray)
Height to Hub	257'
Hub Diameter	14'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	364'
Maximum Rotor Blade Width	12'
Maximum Height above MLLW <sup>1</sup>	440'
Wind Direction	SW
Height of Turbine Platform above MLLW <sup>2</sup>	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	NA
Coast Guard Warning Lights	NA



Viewpoint 20

**Edgartown** Martha's Vineyard

July 2006

Prepared By:



Daytime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-1

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**PROPOSED VIEW**



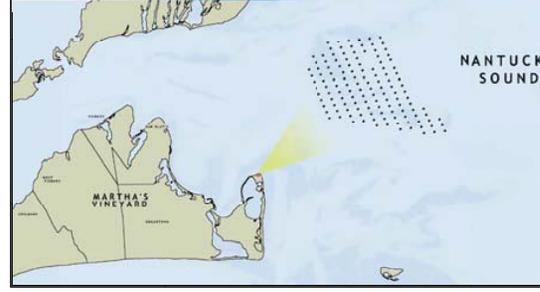
**EXISTING VIEW**



**VIEWPOINT LOCATION**



**WINDFARM LOCATION**



**INFORMATION**

**Viewpoint Specific Data**

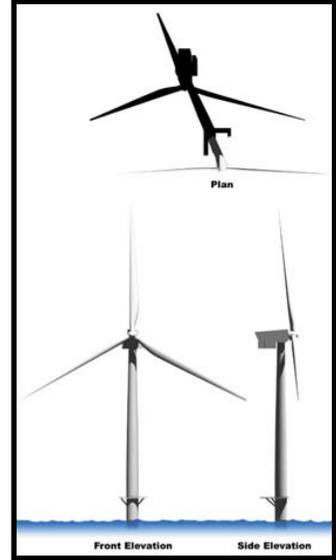
Viewpoint Name	Cape Poge
Viewpoint #	19
Viewpoint Location	41° 25' 12.64"N 70° 27' 4.57"W
Percentage of Total Turbines Visible	83%
Date Taken	2/22/03
Time	2:14pm
Temperature & Visibility	3° C 37° F Clear
Direction of View	52° East of North
Field of View	40.646°
Focal Length	48.6mm
Closest Turbine	5.25 miles
Furthest Turbine	11.33 miles
Camera Elevation	56.77'

Please note that at distances over 3 miles (for viewers at sea level) the bases of the turbines would fall below the visible horizon due to curvature of the earth. However, refraction could potentially counter the screening effects of the earth's curvature. Therefore, turbines are shown at the visible horizon line in the simulations, which may create minor exaggerations in turbine height.

Displayed in 35mm equivalent MLLW - Mean Lower Low Water

**Model Dimensions and Data**

Proposed Color of Turbine	Off White (5 Percent Gray)
Height to Hub	257'
Hub Diameter	14'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	364'
Maximum Rotor Blade Width	12'
Maximum Height above MLLW <sup>1</sup>	440'
Wind Direction	SW
Height of Turbine Platform above MLLW <sup>2</sup>	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	NA
Coast Guard Warning Lights	NA



Viewpoint 19

**Cape Pogs**

Martha's Vineyard

July 2006

Prepared By:



Daytime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-1

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**PROPOSED VIEW**



**EXISTING VIEW**



**VIEWPOINT LOCATION**



**WINDFARM LOCATION**



**INFORMATION**

**Viewpoint Specific Data**

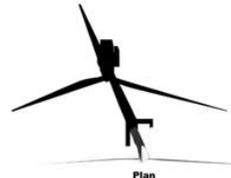
Viewpoint Name	Nantucket Cliffs
Viewpoint #	22
Viewpoint Location	41° 17' 14.18"N 70° 07' 8.40"W
Percentage of Total Turbines Visible	100%
Date Taken	3/19/2003
Time	11:01am
Temperature & Visibility	2° C 36° F Clear
Direction of View	47° West of North
Field Of View	44°
Focal Length	44.5mm
Closest Turbine	13.82 miles
Furthest Turbine	21.83 miles
Camera Elevation	44.61'

Please note that at distances over 3 miles (for viewers at sea level) the bases of the turbines would fall below the visible horizon due to curvature of the earth. However, refraction could potentially counter the screening effects of the earth's curvature. Therefore, turbines are shown at the visible horizon line in the simulations, which may create minor exaggerations in turbine height.

Displayed in 35mm equivalent MLLW - Mean Lower Low Water

**Model Dimensions and Data**

Proposed Color of Turbine	Off White (5 Percent Gray)
Height to Hub	257'
Hub Diameter	14'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	364'
Maximum Rotor Blade Width	12'
Maximum Height above MLLW <sup>2</sup>	440'
Wind Direction	SW
Height of Turbine Platform above MLLW <sup>2</sup>	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	NA
Coast Guard Warning Lights	NA



Plan



Front Elevation

Side Elevation

Viewpoint 22

**Nantucket Cliffs**

Nantucket

July 2006

Prepared By:



Daytime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-1

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**PROPOSED VIEW**



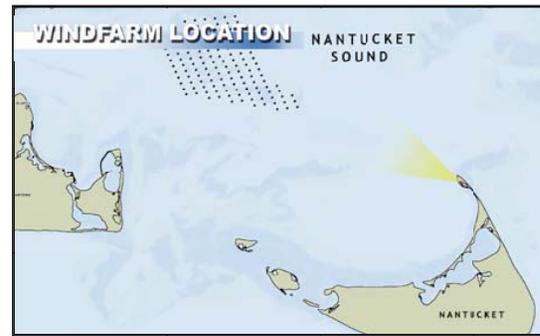
**EXISTING VIEW**



**VIEWPOINT LOCATION**



**WINDFARM LOCATION**



**INFORMATION**

**Viewpoint Specific Data**

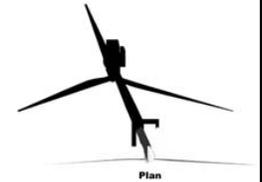
Viewpoint Name	Great Point
Viewpoint #	23
Viewpoint Location	41° 23' 22.9578" N 70° 02' 52.17" W
Percentage of Total Turbines Visible	100%
Date Taken	3/19/2003
Time	2:55pm
Temperature & Visibility	2° C 35° F Clear
Direction of View	29° North of West
Field of View	40.7°
Focal Length	48.5mm
Closest Turbine	11.18 miles
Furthest Turbine	20.18 miles
Camera Elevation	18.20'

Please note that at distances over 3 miles (for viewers at sea level) the bases of the turbines would fall below the visible horizon due to curvature of the earth. However, refraction could potentially counter the screening effects of the earth's curvature. Therefore, turbines are shown at the visible horizon line in the simulations, which may create minor exaggerations in turbine height.

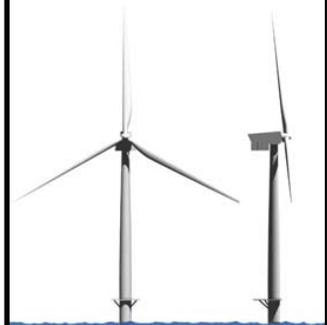
Displayed in 35mm equivalent MLLW - Mean Lower Low Water

**Model Dimensions and Data**

Proposed Color of Turbine	Off White (5 Percent Gray)
Height to Hub	257'
Hub Diameter	14'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	364'
Maximum Rotor Blade Width	12'
Maximum Height above MLLW <sup>1</sup>	440'
Wind Direction	SW
Height of Turbine Platform above MLLW <sup>2</sup>	30'
Bounding Dim. of ESP (LxWxH)	NA
Aviation Warning Lights	NA
Coast Guard Warning Lights	NA



Plan



Front Elevation

Side Elevation

Viewpoint 23

**Great Point**

Nantucket

July 2006

Prepared By:



Daytime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-1

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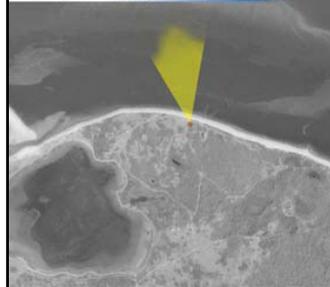
**PROPOSED VIEW**



**EXISTING VIEW**



**VIEWPOINT LOCATION**



**WINDFARM LOCATION**



**INFORMATION**

**Viewpoint Specific Data**

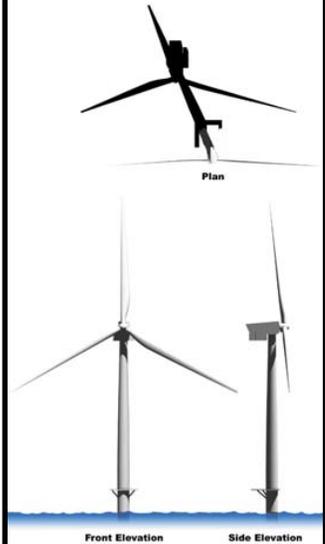
Viewpoint Name	Tuckernuck Island
Viewpoint #	24
Viewpoint Location	41° 18' 39.4178 73° 15' 44.85"W
Percentage of Total Turbines Visible	100%
Date Taken	5/20/2003
Time	7:27 PM
Temperature & Visibility	13° C 86° F Partly Cloudy
Direction of View	11° West of North
Field of View	38.7
Focal Length	51.2 mm
Closest Turbine	10.31 miles
Furthest Turbine	16.76 miles
Camera Elevation	23.95

Please note that at distances over 3 miles (for viewers at sea level) the bases of the turbines would fall below the visible horizon due to curvature of the earth. However, refraction could potentially counter the screening effects of the earth's curvature. Therefore, turbines are shown at the visible horizon line in the simulations, which may create minor exaggerations in turbine height.

Displayed in 35mm equivalent MLLW - Mean Lower Low Water

**Model Dimensions and Data**

Proposed Color of Turbine	Off White (5 Percent Gray)
Height to Hub	257'
Hub Diameter	14'
Bounding Dimensions of Nacel (LxWxH)	48' X 40' X 27'
Maximum Width of Tower	16' dia
Minimum Width of Tower	11' dia
Rotor Diameter	364'
Maximum Rotor Blade Width	12'
Maximum Height above MLLW <sup>2</sup>	440'
Wind Direction	SW
Height of Turbine Platform above MLLW <sup>2</sup>	30'
Bounding Dim. of ESP (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	NA
Coast Guard Warning Lights	NA



Viewpoint 24

**Tuckernuck Island**

Nantucket

July 2006

Prepared By:



Daytime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-1

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