

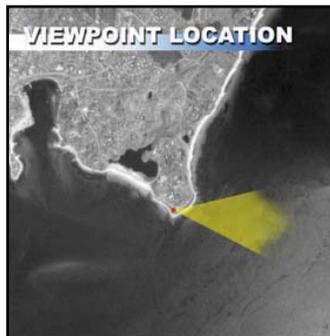
### Simulated Nighttime View



### EXISTING VIEW



### VIEWPOINT LOCATION



### WINDFARM LOCATION



## INFORMATION

### Viewpoint Specific Data

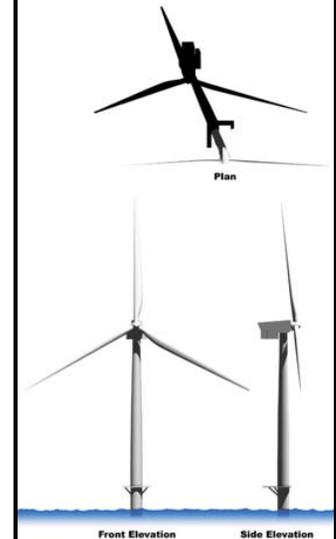
Viewpoint Name	Nobska Lighthouse
Viewpoint #	1
Viewpoint Location	41° 30' 56.80"N 70° 39' 18.28"W
Percentage of Total Turbines Visible	100%
Date Taken	1/22/2003
Time	6:15 PM
Temperature & Visibility	-19° C 13° F Clear
Direction of View	3° South of East
Field Of View	40.115°
Focal Length	49.3mm
Closest Turbine	13.40 miles
Furthest Turbine	21.84 miles
Camera Elevation	55.74'

Note: At long exposures, film reacts to light differently than the eye. This photo simulation has been modified to more accurately present lights as they would be perceived by the human eye.

Displayed in 35mm equivalent MLLW - Mean Lower Low Water

### Model Dimensions and Data

Proposed Color of Turbine	Or 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	FAA L864 and L810
Coast Guard Warning Lights	Dual Amber USCG Lights



Nobska Lighthouse Viewpoint 1  
Falmouth, Cape Cod

July 2006

Prepared By:



Nighttime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-2

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### Simulated Nighttime View



### EXISTING VIEW



### VIEWPOINT LOCATION



### WINDFARM LOCATION

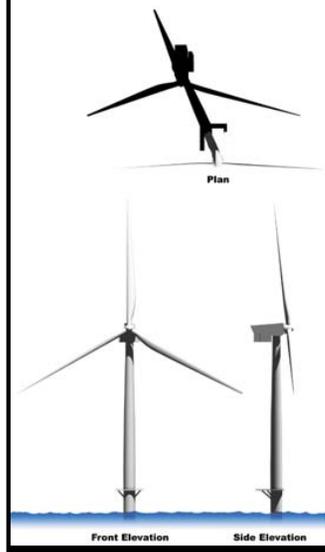


## INFORMATION

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	09/20/03
Time	8:29 PM
Temperature & Visibility	18° C 65° F Clear
Direction of View	41° East of South
Field Of View	40.873°
Focal Length <sup>1</sup>	46.3mm
Closest Turbine	5.70 miles
Furthest Turbine	14.25 miles
Camera Elevation	9.90'

Note: All long exposures, film reacts to light differently than the eye. This photo simulation has been modified to more accurately present lights as they would be perceived by the human eye.

Model Dimensions and Data	
Proposed Color of Turbine	Or 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	FAA L864 and L810
Coast Guard Warning Lights	Dual Amber USCG Lights



Cotuit  
Barnstable, Cape Cod

July 2006  
Prepared By:  
EDR

Nighttime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-2

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### Simulated Nighttime View



### EXISTING VIEW



### VIEWPOINT LOCATION



### WINDFARM LOCATION



## INFORMATION

### Viewpoint Specific Data

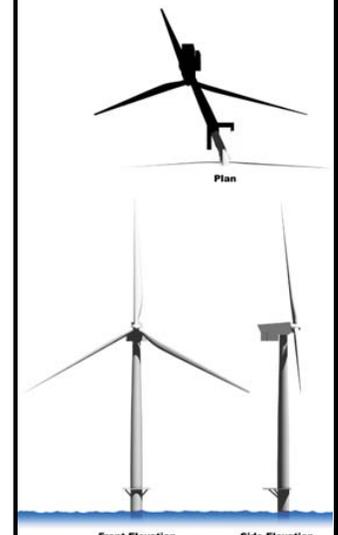
Viewpoint Specific Data	
Viewpoint Name	Wianno Area
Viewpoint #	6
Viewpoint Location	41° 37' 01.10" N 70° 22' 12.67" W
Percentage of Total Turbines Visible	82%
Date Taken	1/22/2003
Time	9:43 PM
Temperature & Visibility	-13° C 8° F Clear
Direction of View	20° East of South
Field Of View	39.966°
Focal Length	46.5mm
Closest Turbine	5.34 miles
Furthest Turbine	12.63 miles
Camera Elevation	28.58'

Note: All long exposures, film reacts to light differently than the eye. This photo simulation has been modified to more accurately present lights as they would be perceived by the human eye.

Displayed in 35mm equivalent MLLW - Mean Lowest Low Water

### Model Dimensions and Data

Model Dimensions and Data	
Proposed Color of Turbine	Or 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	FAA L864 and L810
Coast Guard Warning Lights	Dual Amber USCG Lights



Viewpoint 6

### Wianno

Barnstable, Cape Cod

July 2006

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Nighttime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-2

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## Simulated Nighttime View



## EXISTING VIEW



## VIEWPOINT LOCATION



## WINDFARM LOCATION



## INFORMATION

### Viewpoint Specific Data

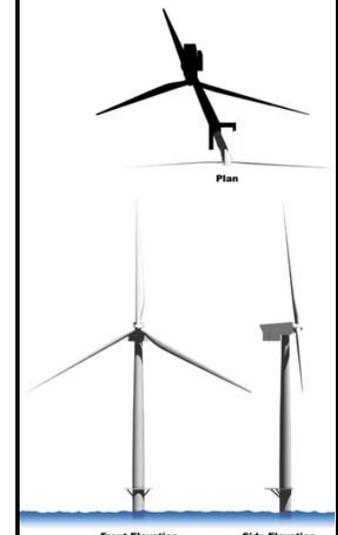
Viewpoint Name	Craigville Area
Viewpoint #	7
Viewpoint Location	41° 38' 17.74"N 70° 20' 9.08"W
Percentage of Total Turbines Visible	93%
Date Taken	12/12/03
Time	9:06 PM
Temperature & Visibility	-10° C 14° F Clear
Direction of View	7° East of South
Field Of View	39.966°
Focal Length <sup>1</sup>	40.5mm
Closest Turbine	8.62 miles
Furthest Turbine	13.12 miles
Camera Elevation	34.57'

Note: At long exposures, film reacts to light differently than the eye. This photo simulation has been modified to more accurately present lights as they would be perceived by the human eye.

Displayed in 35mm equivalent <sup>1</sup> MLLW - Mean Lower Low Water

### Model Dimensions and Data

Proposed Color of Turbine	Or 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	10' 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	FAA L864 and L810
Coast Guard Warning Lights	Dual Amber USCG Lights



Viewpoint 7

## Craigville

Barnstable, Cape Cod

July 2006

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Nighttime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-2

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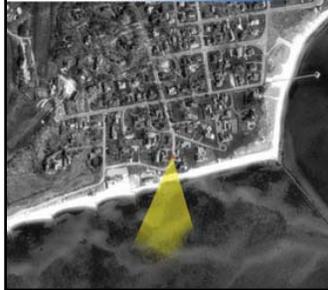
### Simulated Nighttime View



### EXISTING VIEW



### VIEWPOINT LOCATION



### WINDFARM LOCATION



## INFORMATION

### Viewpoint Specific Data

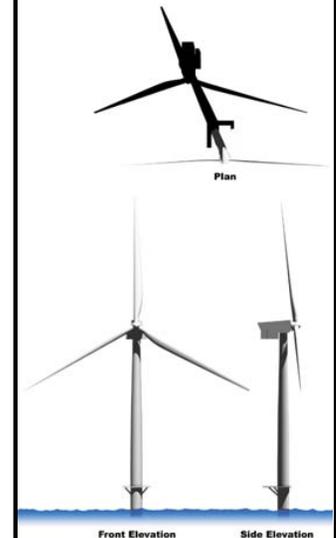
Viewpoint Name	Hyannis Area
Viewpoint #	8
Viewpoint Location	41° 37' 46.68" N 70° 18' 14.59" W
Percentage of Total Turbines Visible	89%
Date Taken	1/21/2003
Time	10:12 PM
Temperature & Visibility	-12° C 10° F Clear
Direction of View	3° West of South
Field Of View	40.341°
Focal Length	49.0 mm
Closest Turbine	5.97 miles
Furthest Turbine	12.02 miles
Camera Elevation	22.44'

Note: At long exposures, film reacts to light differently than the eye. This photo simulation has been modified to more accurately present lights as they would be perceived by the human eye.

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	FAA L864 and L810
Coast Guard Warning Lights	Dual Amber USCG Lights



Viewpoint 8

### Hyannis Port

Barnstable, Cape Cod

July 2006

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Nighttime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-2

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## Simulated Nighttime View



## EXISTING VIEW



## VIEWPOINT LOCATION



## WINDFARM LOCATION



## INFORMATION

### Viewpoint Specific Data

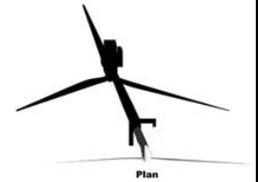
Viewpoint Name	Oak Bluffs
Viewpoint #	21
Viewpoint Location	41° 27' 20.08" N 73° 33' 23.92" W
Percentage of Total Turbines Visible	100%
Date Taken	2/6/2003
Time	6:48pm
Temperature & Visibility	-3° C 26° F Clear
Direction of View	76° East of North
Field Of View	40.648°
Focal Length	46.6mm
Closest Turbine	9.26 miles
Furthest Turbine	16.43 miles
Camera Elevation	54.40'

Note: At long exposures, film reacts to light differently than the eye. This photo simulation has been modified to more accurately present lights as they would be perceived by the human eye.

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	237'
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 <sup>1</sup> (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	FAA L864 and L810
Coast Guard Warning Lights	Dual Amber USCG Lights



Plan



Front Elevation

Side Elevation

Viewpoint 21

## Oak Bluffs

Martha's Vineyard

July 2006

Prepared By:



Nighttime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-2

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## Simulated Nighttime View



## EXISTING VIEW



## VIEWPOINT LOCATION



## WINDFARM LOCATION



## INFORMATION

### Viewpoint Specific Data

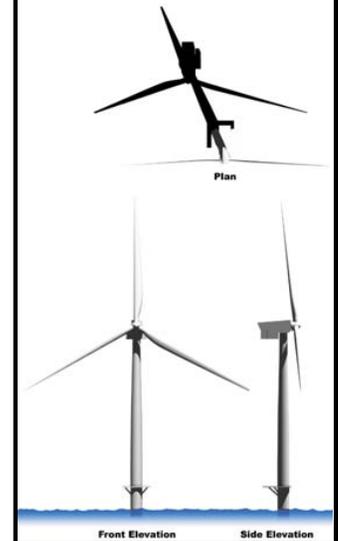
Viewpoint Name	Edgartown
Viewpoint #	20
Viewpoint Location	41° 23' 28.27" N 73° 30' 11.29" W
Percentage of Total Turbines Visible	98%
Date Taken	2/6/2003
Time	8:14 PM
Temperature & Visibility	-3° C 26° F Overcast
Direction of View	53° East of North
Field Of View	41.19°
Focal Length <sup>1</sup>	47.9mm
Closest Turbine	8.92 miles
Furthest Turbine	15.52 miles
Camera Elevation	35.85'

Note: At long exposures, film reacts to light differently than the eye. This photo simulation has been modified to more accurately present lights as they would be perceived by the human eye.

Displayed in 35mm equivalent MLLW - Mean Lowest Low Water

### Model Dimensions and Data

Proposed Color of Turbine	Or 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 <sup>3</sup> (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	FAA L864 and L810
Coast Guard Warning Lights	Dual Amber USCG Lights



Viewpoint 20

## Edgartown

Martha's Vineyard

July 2006

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Nighttime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-2

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## Simulated Nighttime View



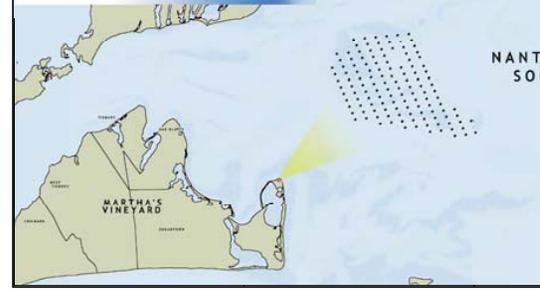
## EXISTING VIEW



## VIEWPOINT LOCATION



## WINDFARM LOCATION



## INFORMATION

### Viewpoint Specific Data

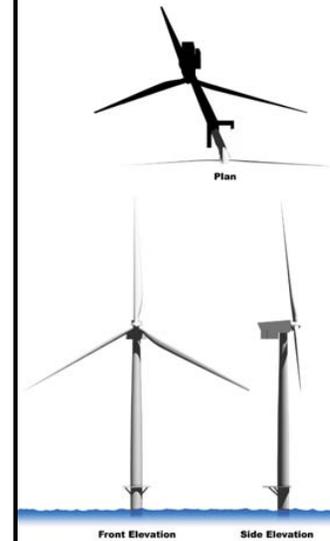
Viewpoint Specific Data		Cape Poge
Viewpoint Name		Cape Poge
Viewpoint #		19
Viewpoint Location	41° 29' 12.6478" N 70° 27' 4.577" W	
Percentage of Total Turbines Visible		83%
Date Taken		2/5/2003
Time		6:36 PM
Temperature & Visibility	-2° C / 28° F	Clear
Direction of View		52° East of North
Field Of View		40.648°
Focal Length <sup>1</sup>		46.6mm
Closest Turbine		5.55 miles
Furthest Turbine		11.33 miles
Camera Elevation		56.77'

Note: At long exposures, film reacts to light differently than the eye. This photo simulation has been modified to more accurately present lights as they would be perceived by the human eye.

Displayed in 35mm equivalent MLLW - Mean Lowest Low Water

### Model Dimensions and Data

Model Dimensions and Data		Or White (5 Percent Gray)
Proposed Color of Turbine		Or 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		FAA L864 and L810
Coast Guard Warning Lights		Dual Amber USCG Lights



Viewpoint 19

## Cape Poge

Martha's Vineyard

July 2006

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Nighttime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-2

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### Simulated Nighttime View



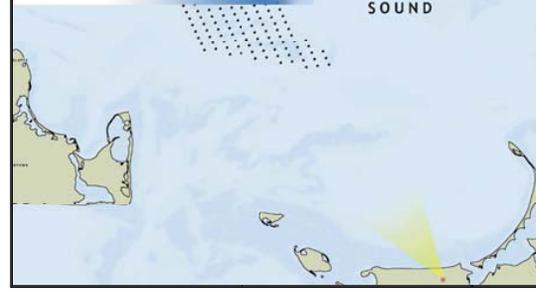
### EXISTING VIEW



### VIEWPOINT LOCATION



### WINDFARM LOCATION



## INFORMATION

### Viewpoint Specific Data

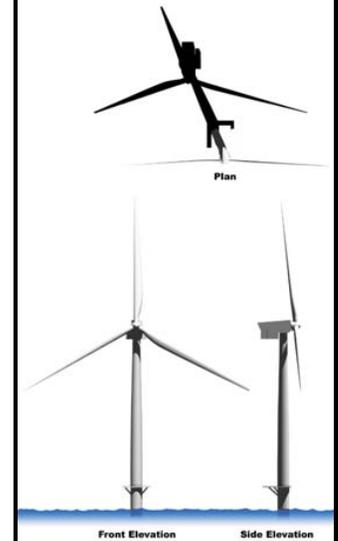
Viewpoint Name	Nantucket Cliffs
Viewpoint #	22
Viewpoint Location	41° 46' 58.15" N 73° 52' 17.79" W
Percentage of Total Turbines Visible	100%
Date Taken	5/19/2003
Time	10:43 PM
Temperature & Visibility	Clear
Direction of View	47° West of North
Field Of View	44°
Focal Length	44.5mm
Closest Turbine	13.82 miles
Furthest Turbine	21.83 miles
Camera Elevation	44.6'

Note: At long exposures, film reacts to light differently than the eye. This photo simulation has been modified to more accurately present lights as they would be perceived by the human eye.

Displayed in 35mm equivalent MLLW - Mean Lower Low Water

### Model Dimensions and Data

Proposed Color of Turbine	Or 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	FAA L864 and L810
Coast Guard Warning Lights	Dual Amber USCG Lights



Viewpoint 22

### Nantucket Cliffs

Nantucket

July 2006

Prepared By:



Nighttime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-2

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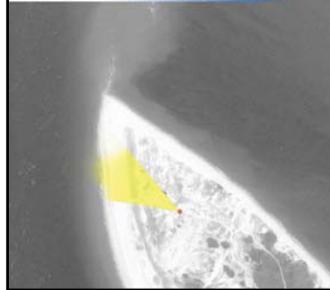
## Simulated Nighttime View



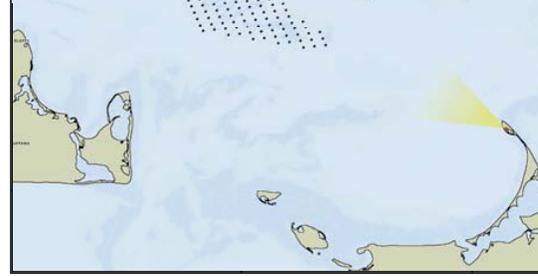
## EXISTING VIEW



## VIEWPOINT LOCATION



## WINDFARM LOCATION NANTUCKET SOUND



## INFORMATION

### Viewpoint Specific Data

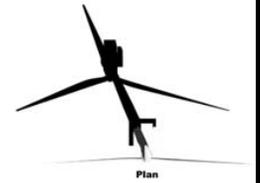
Viewpoint Name	Great Point
Viewpoint #	23
Viewpoint Location	41° 50' 10.03" N 73° 43' 32.14" W
Percentage of Total Turbines Visible	100%
Date Taken	5/19/2003
Time	7:35 PM
Temperature & Visibility	Clear
Direction of View	29° North of West
Field Of View	40.723°
Focal Length	46.5mm
Closest Turbine	11.18 miles
Furthest Turbine	20.09 miles
Camera Elevation	18.2'

Note: All long exposures, film reacts to light differently than the eye. This photo simulation has been modified to more accurately present lights as they would be perceived by the human eye.

Displayed in 35mm equivalent MLLW - Mean Lower Low Water

### Tower Dimensions and Data

Proposed Color of Turbine	Or 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	FAA L864 and L810
Coast Guard Warning Lights	Dual Amber USCG Lights



Plan



Front Elevation

Side Elevation

Viewpoint 23

## Great Point

Nantucket

July 2006

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Nighttime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-2

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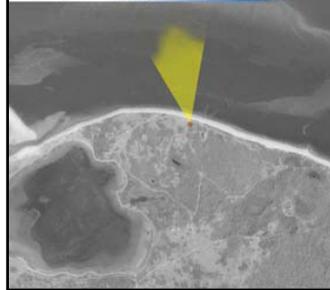
## Simulated Nighttime View



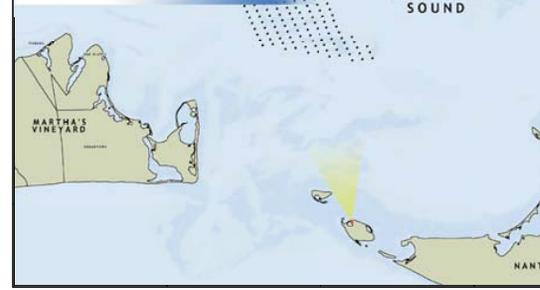
## EXISTING VIEW



## VIEWPOINT LOCATION



## WINDFARM LOCATION



## INFORMATION

### Viewpoint Specific Data

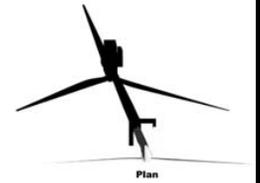
Viewpoint Name	Tuckernuck Island
Viewpoint #	24
Viewpoint Location	41° 18' 39.41" N 73° 15' 44.85" W
Percentage of Total Turbines Visible	100%
Date Taken	5/20/2003
Time	7:55 PM
Temperature & Visibility	13° C 56° F Overcast
Direction of View	35° West of North
Field Of View	38.051°
Focal Length	52.2 mm
Closest Turbine	10.31 miles
Furthest Turbine	16.76 miles
Camera Elevation	23.95

Note: All long exposures, film reacts to light differently than the eye. This photo simulation has been modified to more accurately present lights as they would be perceived by the human eye.

Displayed in 35mm equivalent MLLW - Mean Lowest Low Water

### Model Dimensions and Data

Proposed Color of Turbine	Or 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 <sup>1</sup> (LxWxH)	100' X 200' X 100'
Aviation Warning Lights	FAA L864 and L810
Coast Guard Warning Lights	Dual Amber USCG Lights



Plan



Front Elevation

Side Elevation

Viewpoint 24

## Tuckernuck Island

Nantucket

July 2006

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Nighttime Visual Simulation  
of Proposed Wind Park  
Figure 5.3.3-2

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