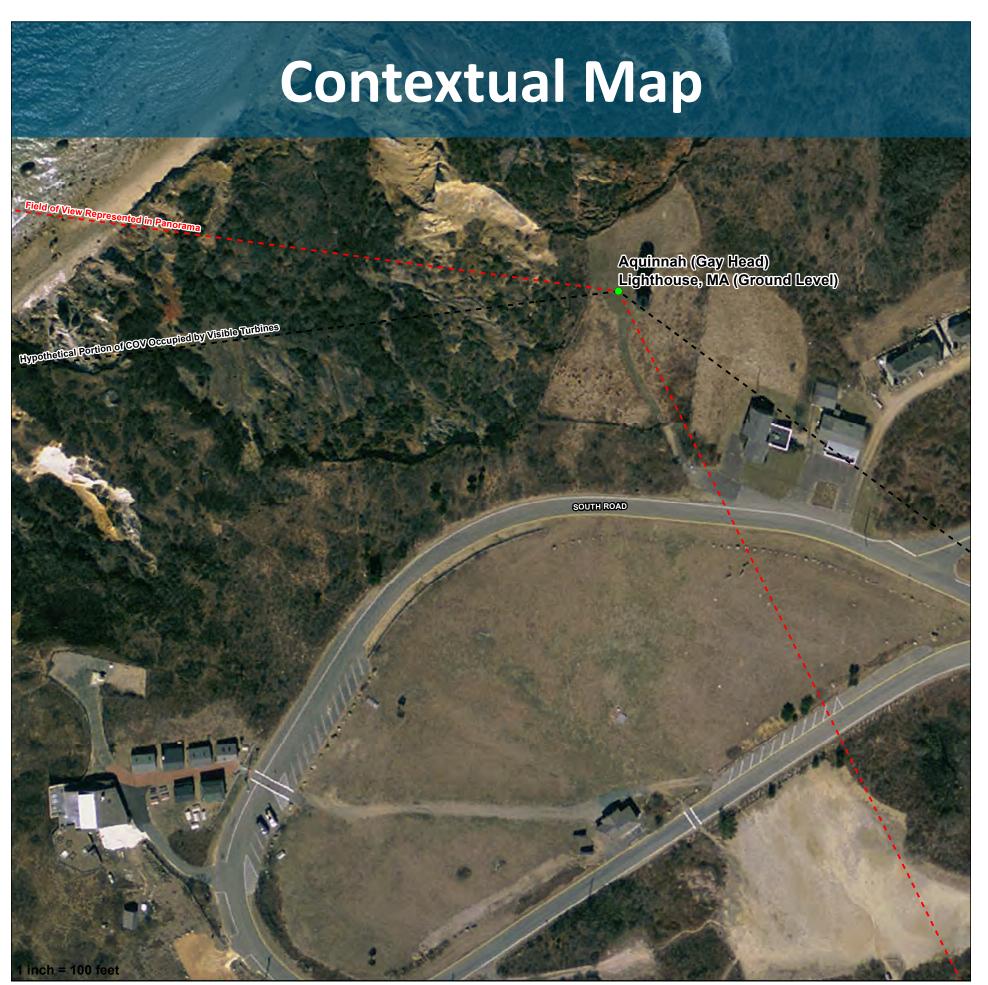


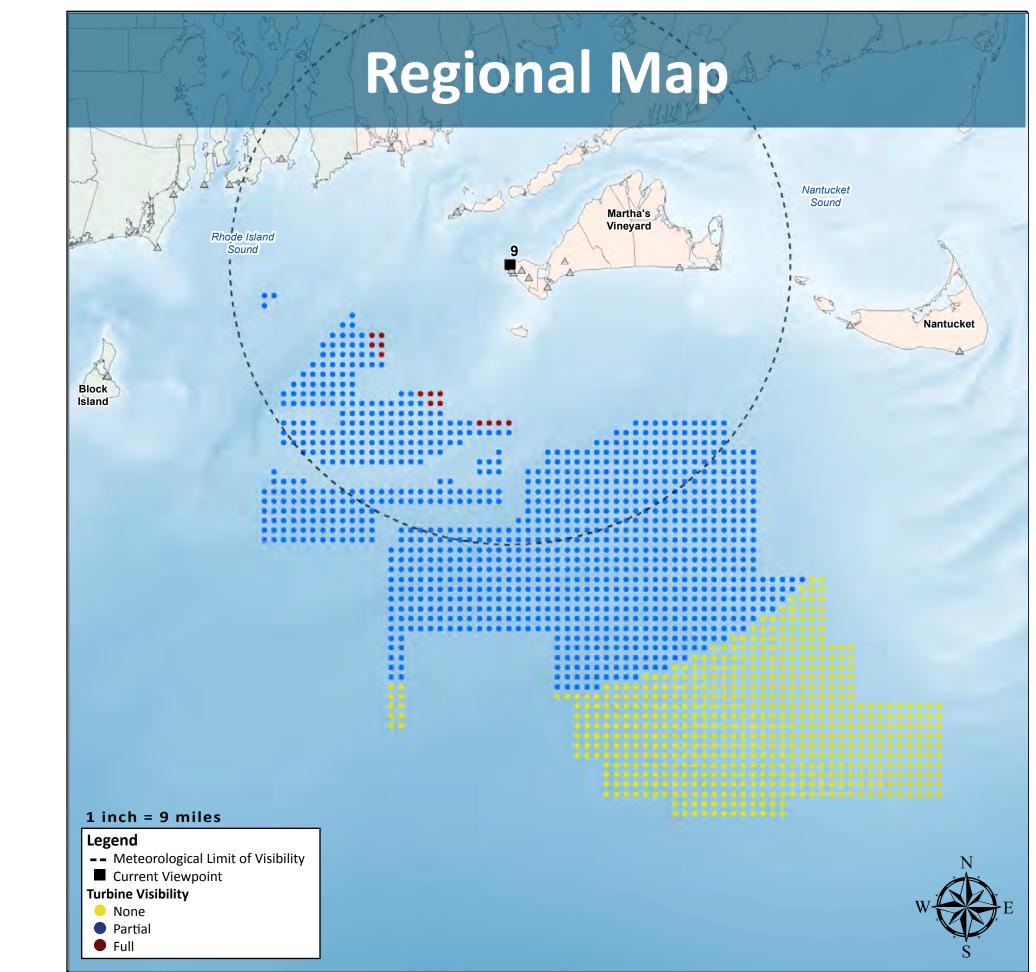
Aquillan (Guy II	ead) Lighthouse, MA
Date January 8, 2014	Nearest Visible Turbine*13.9 mi.
Time 0900	Furthest Visible Turbine* 41.3 mi
Camera Coordinates UTM Z19 FT	Number of Turbines Visible* 1029
Northing 15023141.780	Temperature14°F
Easting 1136750.304	Weather Conditions Clear & Sunny
Height to Lens 5.1'	Humidity 55%
Ground Elevation 131.7 ft.	Visiblity 26.7 mi.
Camera Make Nikon	Wave Height 1-2 ft.
Camera Model D800	Lighting Conditions Back & Side Lit
Focal Length 55mm	Sun Elevation
Field of View 124° x 55°	Sun Azimuth 224.4°
View Bearing (True) 127°	











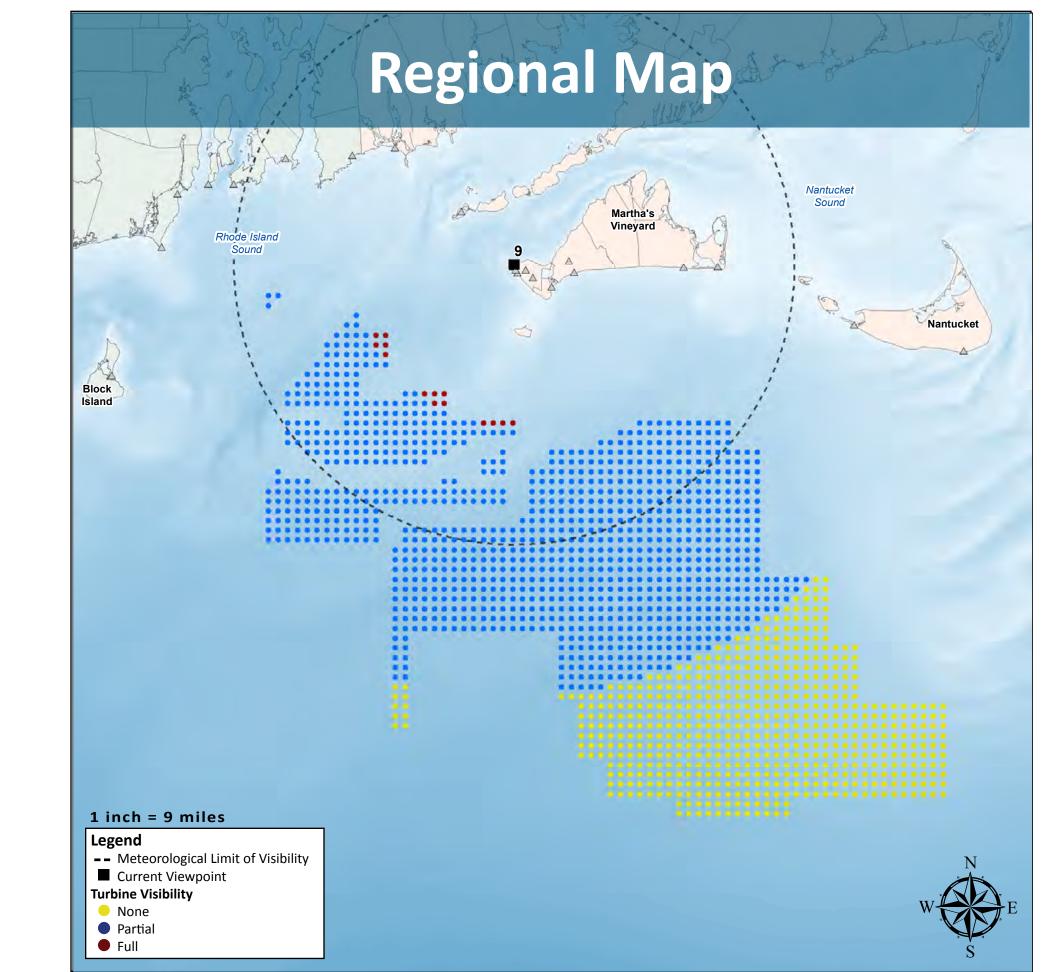
A	
Aquinnai	h (Gay Head) Lighthouse, MA
Date January 8,	2014 Nearest Visible Turbine*13.9 r
Time 1200	Furthest Visible Turbine* 41.3
Camera Coordinates UTM Z19 F	T Number of Turbines Visible* 10
Northing	780 Temperature 20
Easting	O4 Weather Conditions Sun
Height to Lens 5.1'	Humidity 5
Ground Elevation 131.7 ft.	Visiblity
Camera Make Nikon	Wave Height 1-2
Camera Model D800	Lighting Conditions Back & Side
Focal Length 55mm	Sun Elevation 12
Field of View	Sun Azimuth 224
View Bearing (True) 127°	







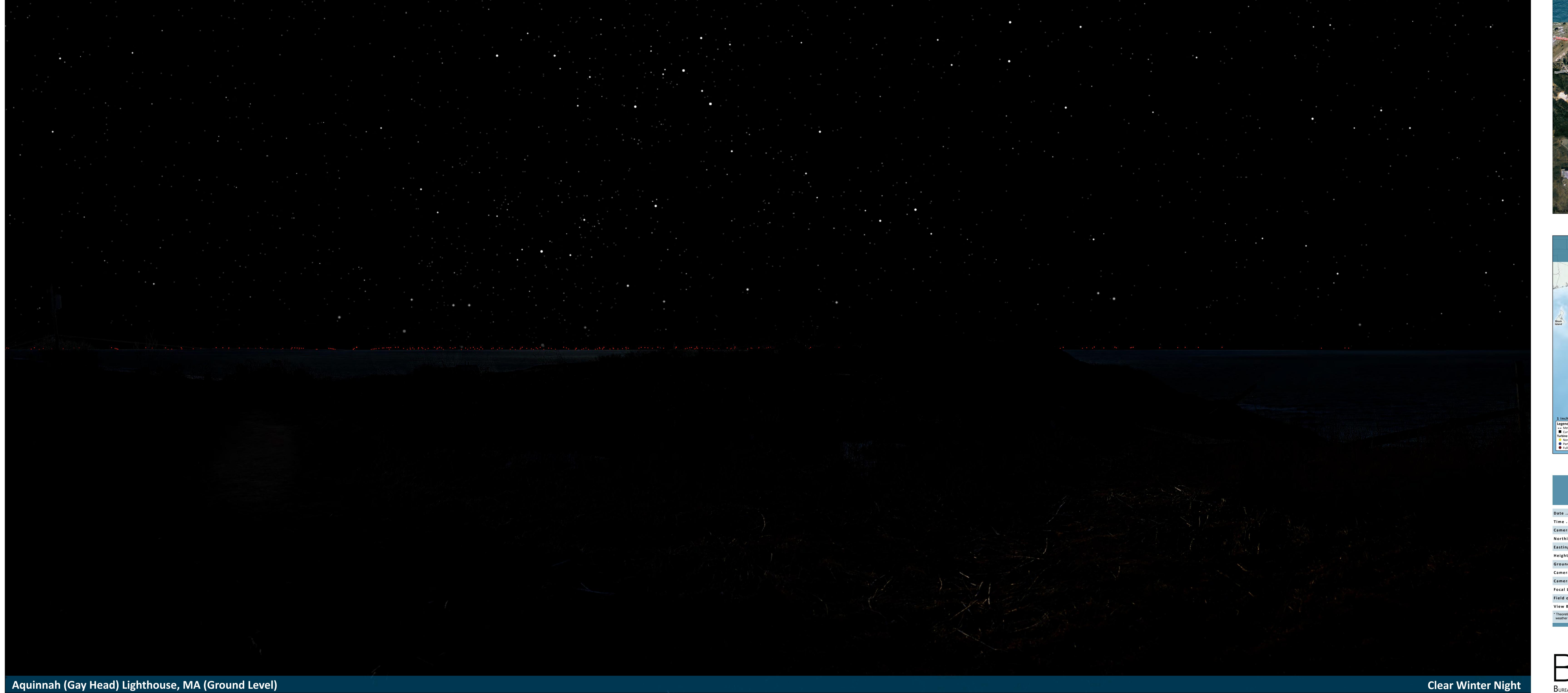


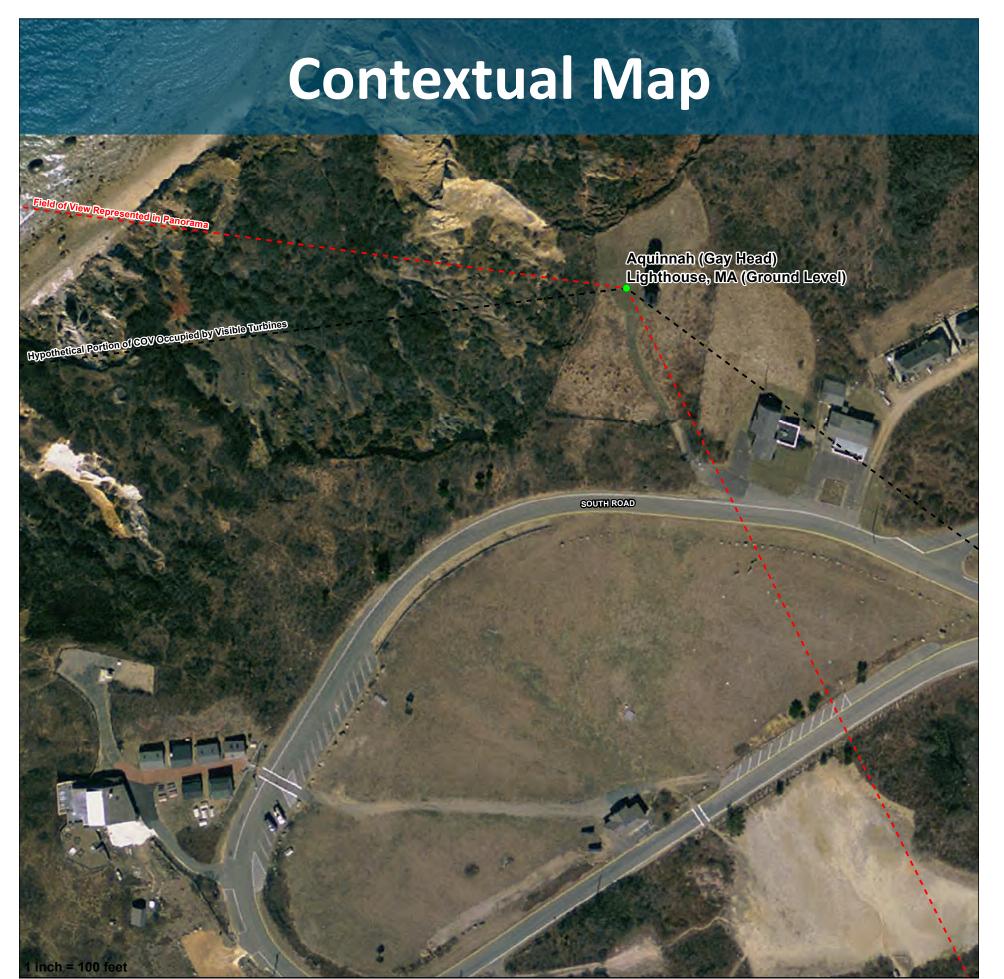


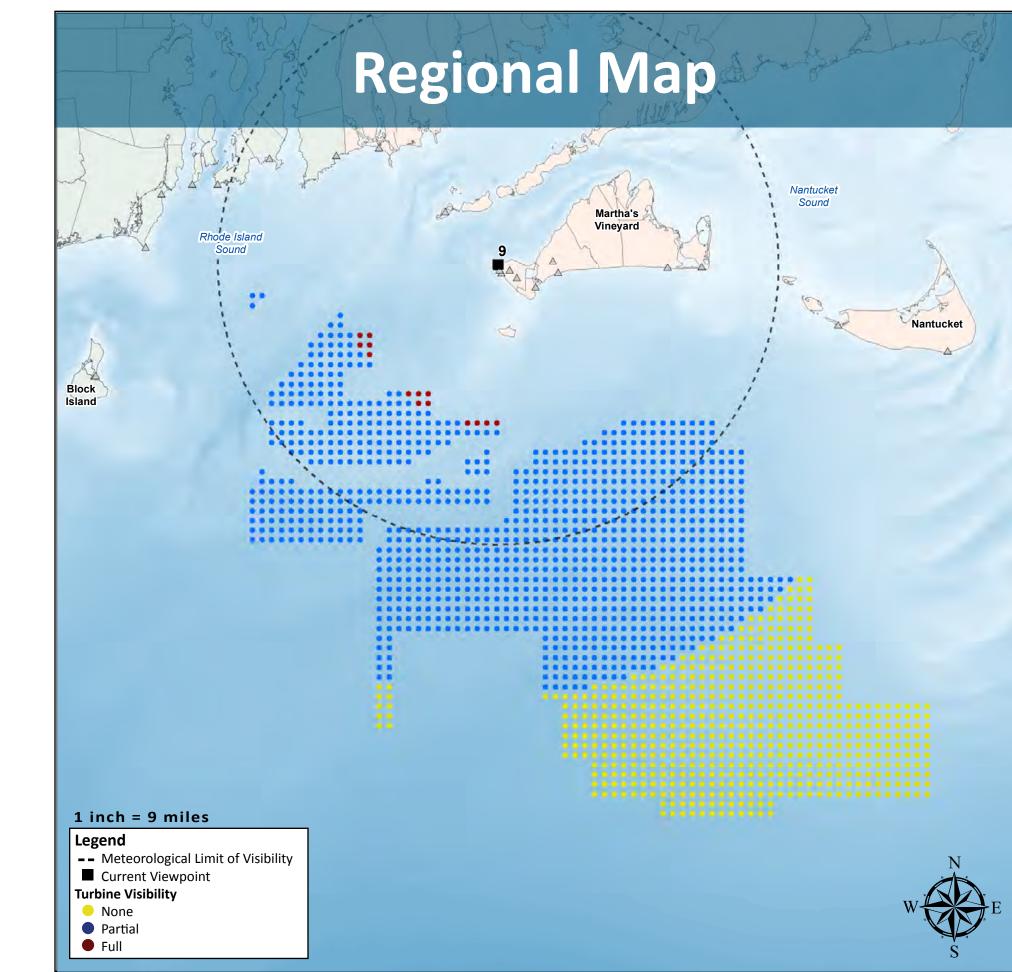
Date January 8, 2014	Nearest Visible Turbine*13.9 mi.
Time 1500	Furthest Visible Turbine* 41.3 mi
Camera Coordinates UTM Z19 FT	Number of Turbines Visible* 1029
Northing 15023141.780	Temperature
Easting 1136750.304	Weather Conditions Sun & Clouds
Height to Lens 5.1'	Humidity 55%
Ground Elevation 131.7 ft.	Visiblity 26.7 mi.
Camera Make Nikon	Wave Height 1-2 ft.
Camera Model D800	Lighting Conditions Back & Side Lit
Focal Length 55mm	Sun Elevation
Field of View 124° x 55°	Sun Azimuth 224.4°
View Bearing (True) 127°	

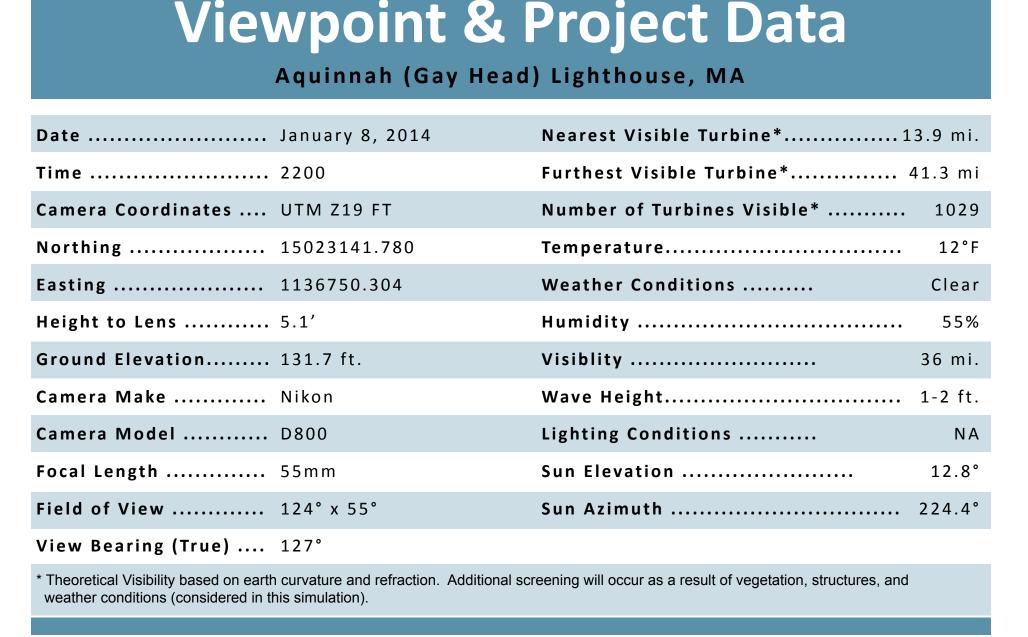








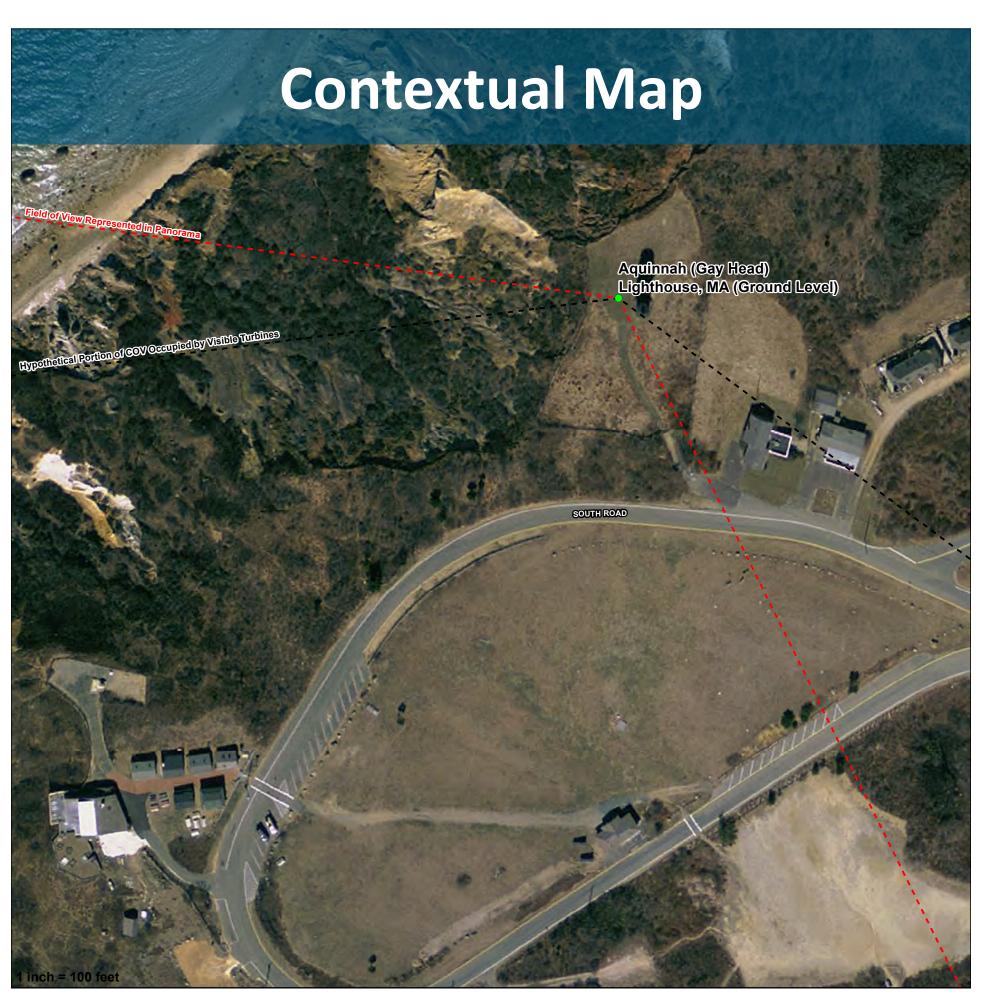


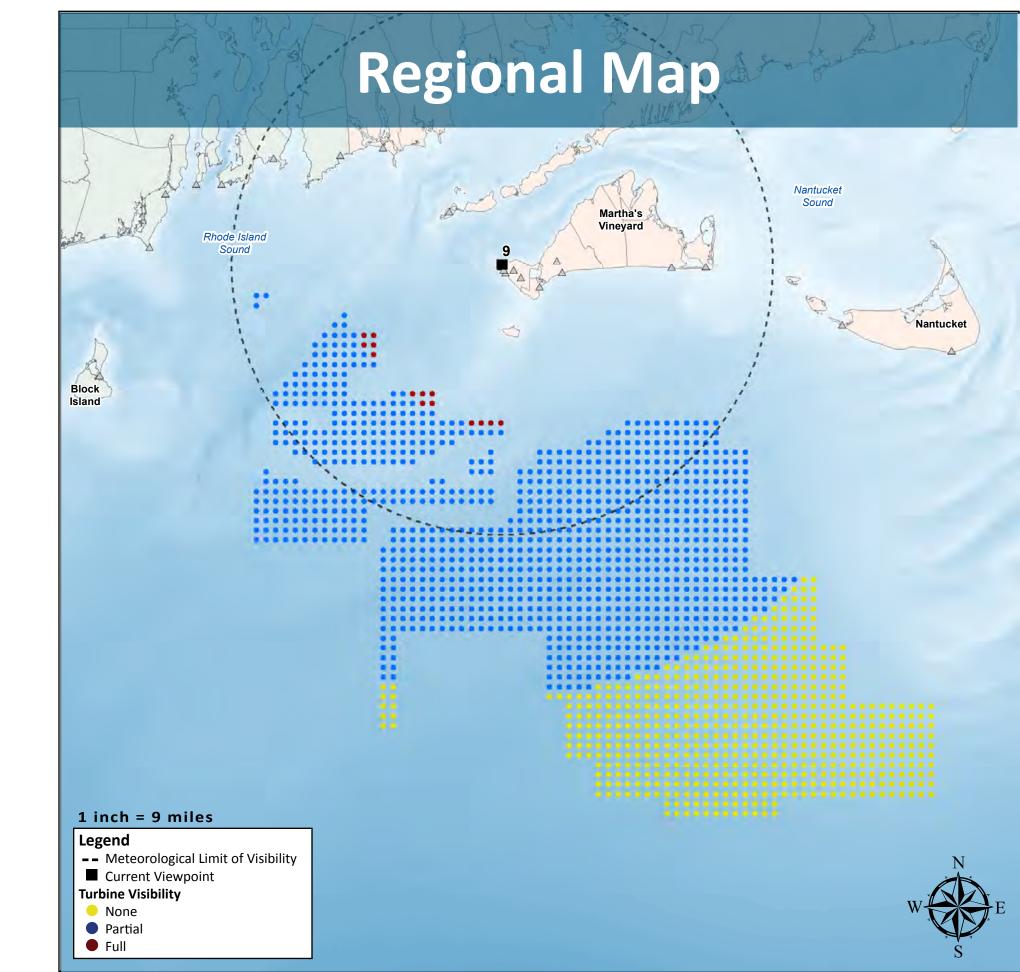










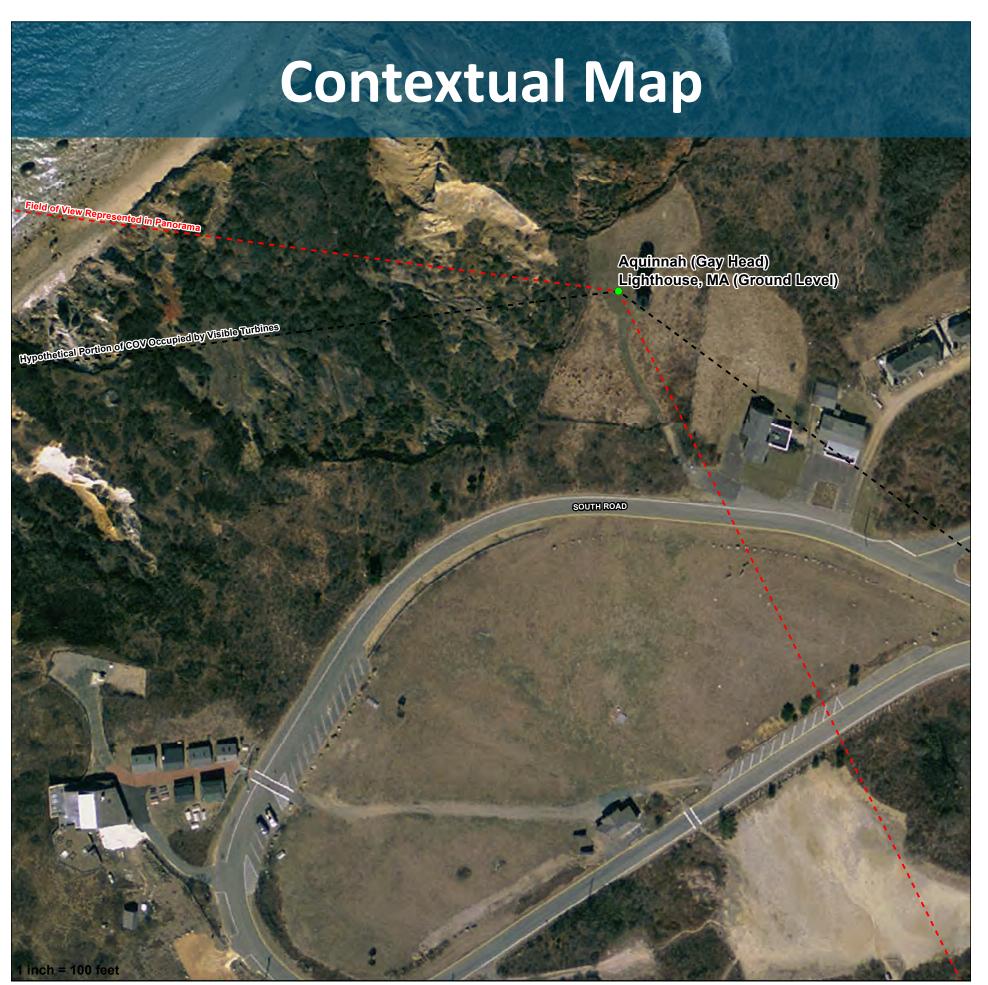


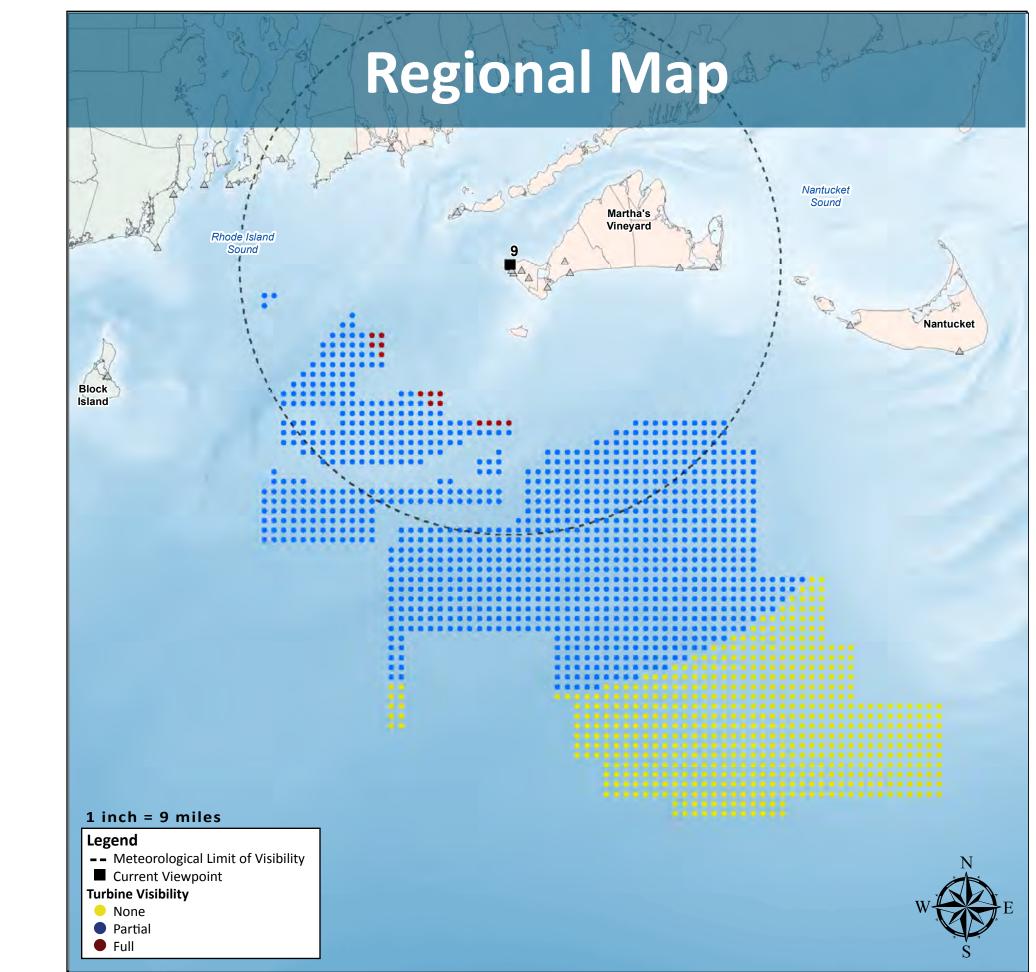
	Aquinnah (Gay Head	, 6
Date	March 21, 2014	Nearest Visible Turbine*13.9 mi.
Time	0800	Furthest Visible Turbine* 41.3 mi
Camera Coordinates	UTM Z19 FT	Number of Turbines Visible* 1029
Northing	15023141.780	Temperature
Easting	1136750.304	Weather Conditions Clear & Sunny
Height to Lens	5.1'	Humidity
Ground Elevation	131.7 ft.	Visiblity
Camera Make	Nikon	Wave Height 1-2 ft.
Camera Model	D800	Lighting Conditions Back & Side Lit
Focal Length	55mm	Sun Elevation
		Sun Azimuth 224.4°









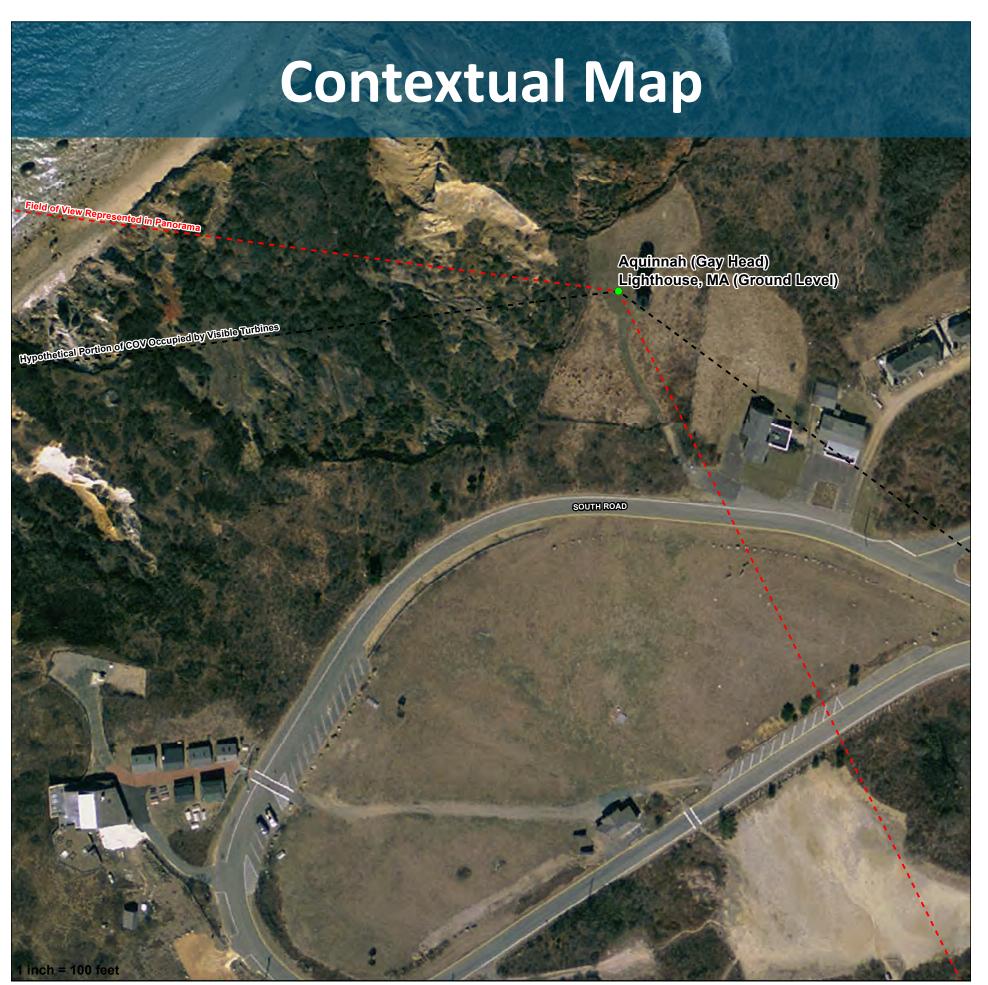


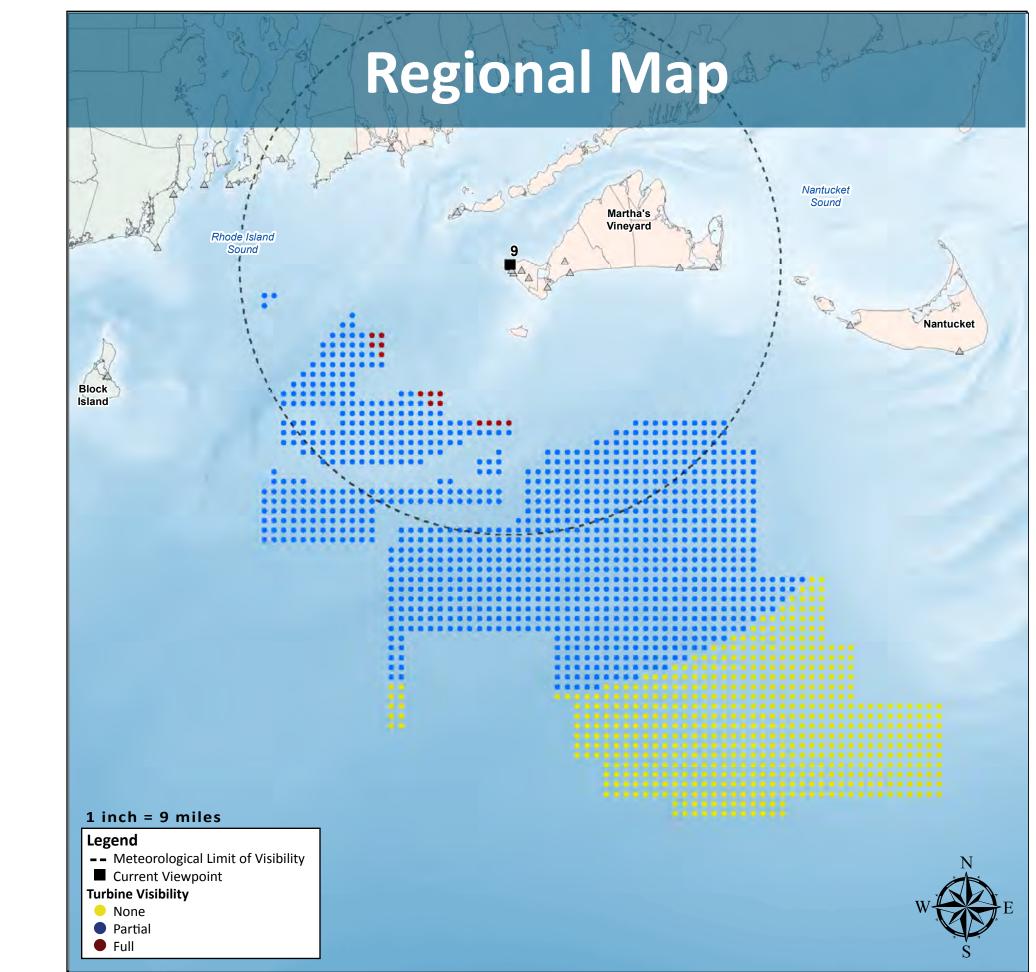
Viewpoin	t & Project Data
Aquinnah (0	Gay Head) Lighthouse, MA
Date March 21, 201	4 Nearest Visible Turbine* 13.9 m
Time 1200	Furthest Visible Turbine* 41.3 r
Camera Coordinates UTM Z19 FT	Number of Turbines Visible* 102
Northing 15023141.780	Temperature42
Easting	Weather Conditions Sunr
Height to Lens 5.1'	Humidity 55
Ground Elevation 131.7 ft.	Visiblity
Camera Make Nikon	Wave Height 1-2 f
Camera Model D800	Lighting Conditions Back & Side L
Focal Length 55mm	Sun Elevation
Field of View 124° x 55°	Sun Azimuth 224.
View Bearing (True) 127°	
* Theoretical Visibility based on earth curvature and refracti weather conditions (considered in this simulation).	on. Additional screening will occur as a result of vegetation, structures, and











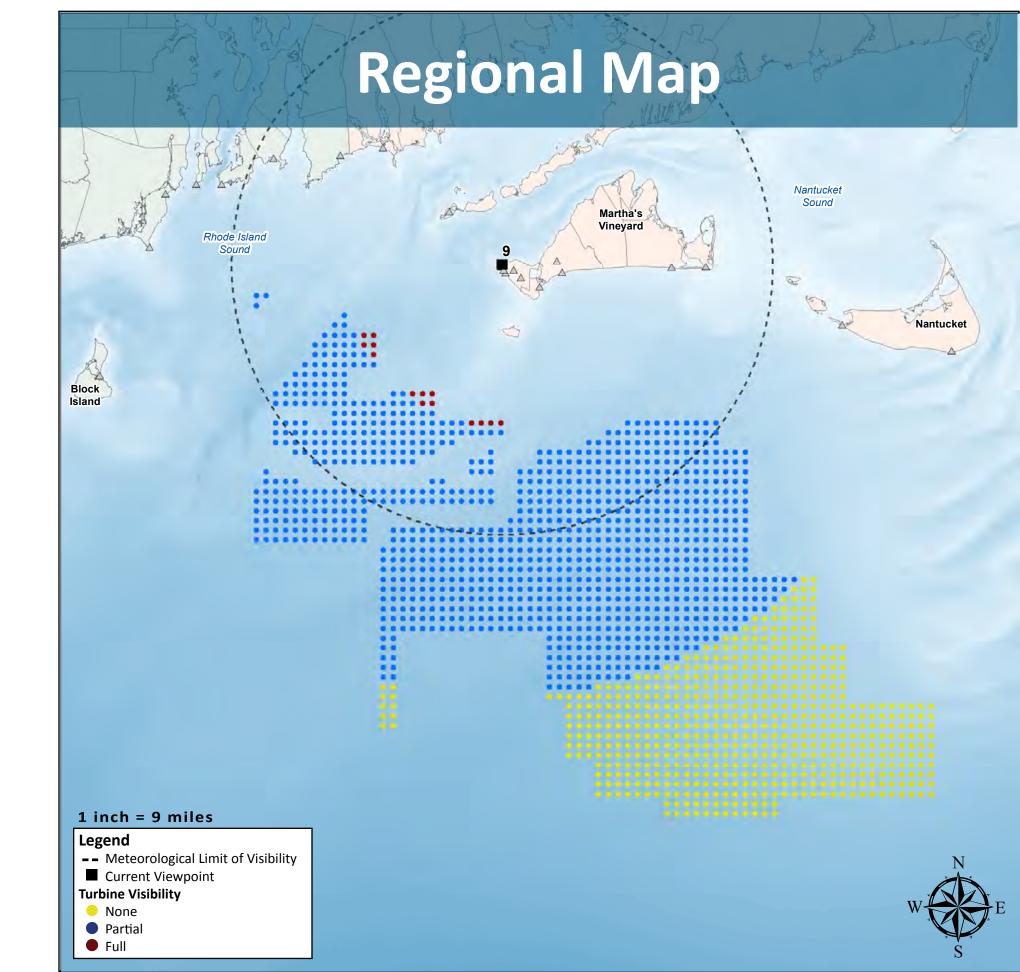
Viewpoint	& Project Data
Aquinnah (Gay	Head) Lighthouse, MA
Date March 21, 2014	Nearest Visible Turbine* 13.9 mi
Time 1500	Furthest Visible Turbine* 41.3 m
Camera Coordinates UTM Z19 FT	Number of Turbines Visible* 102
Northing 15023141.780	Temperature36°
Easting 1136750.304	Weather Conditions Sun & Cloud
Height to Lens 5.1'	Humidity 559
Ground Elevation 131.7 ft.	Visiblity
Camera Make Nikon	Wave Height 1-2 f
Camera Model D800	Lighting Conditions Back & Side L
Focal Length 55mm	Sun Elevation 12.8
Field of View 124° x 55°	Sun Azimuth 224.4
View Bearing (True) 127°	
* Theoretical Visibility based on earth curvature and refraction. As weather conditions (considered in this simulation).	dditional screening will occur as a result of vegetation, structures, and

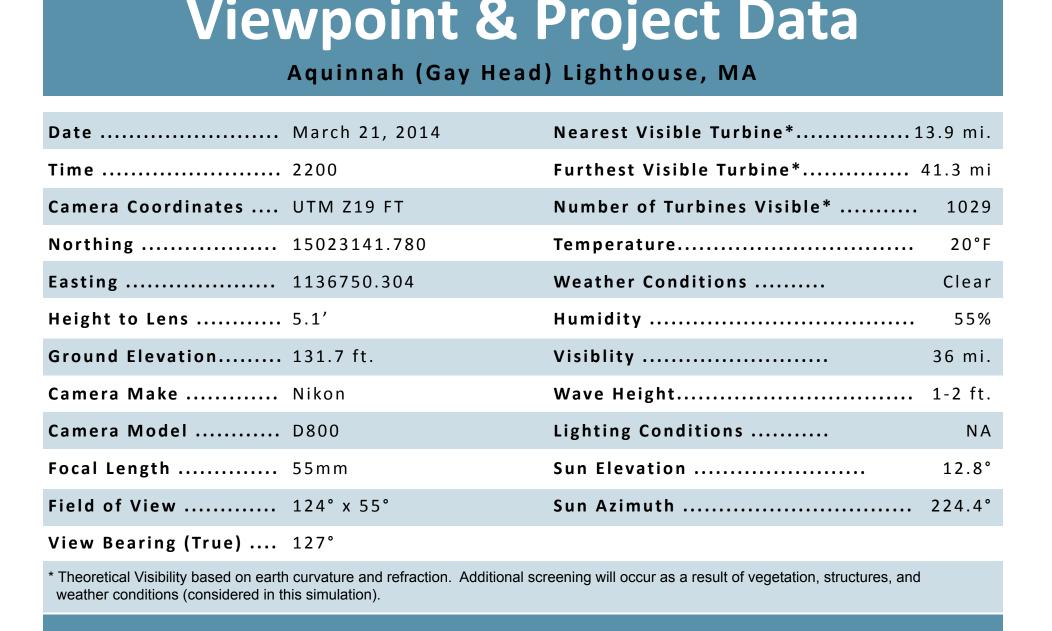










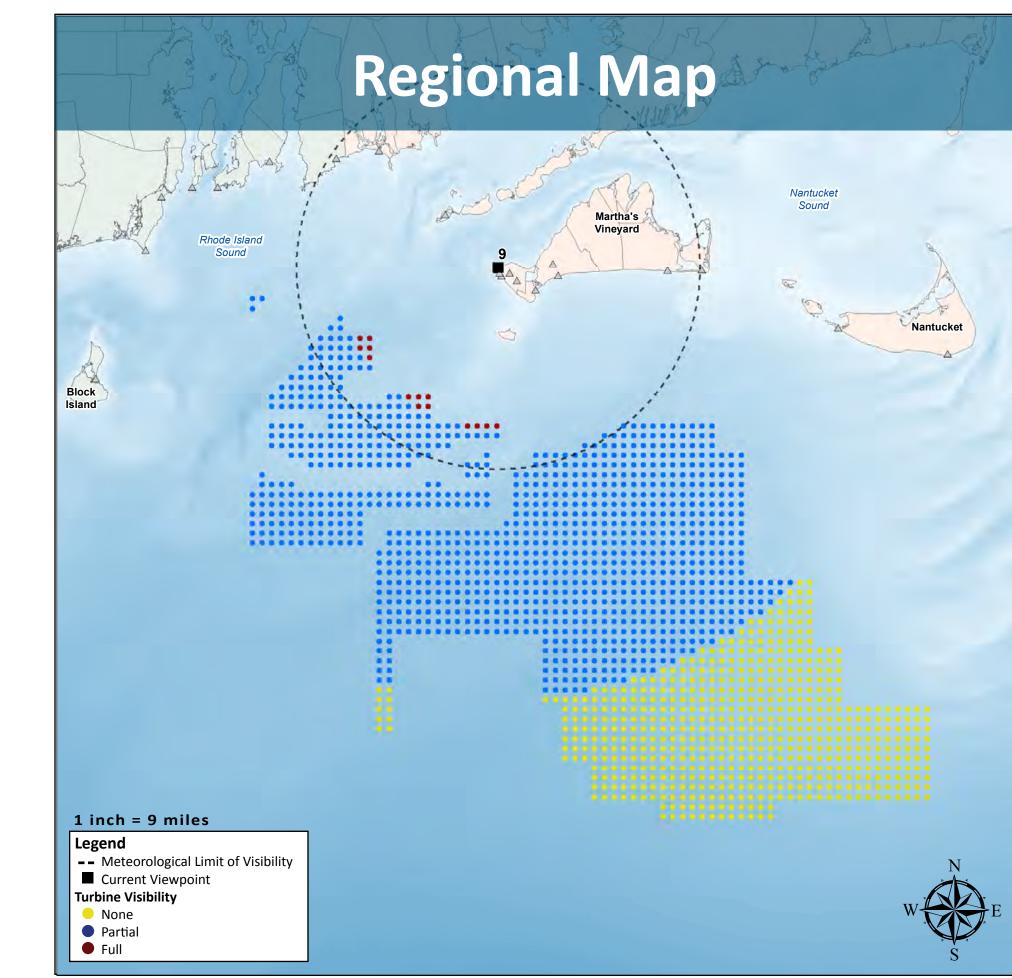










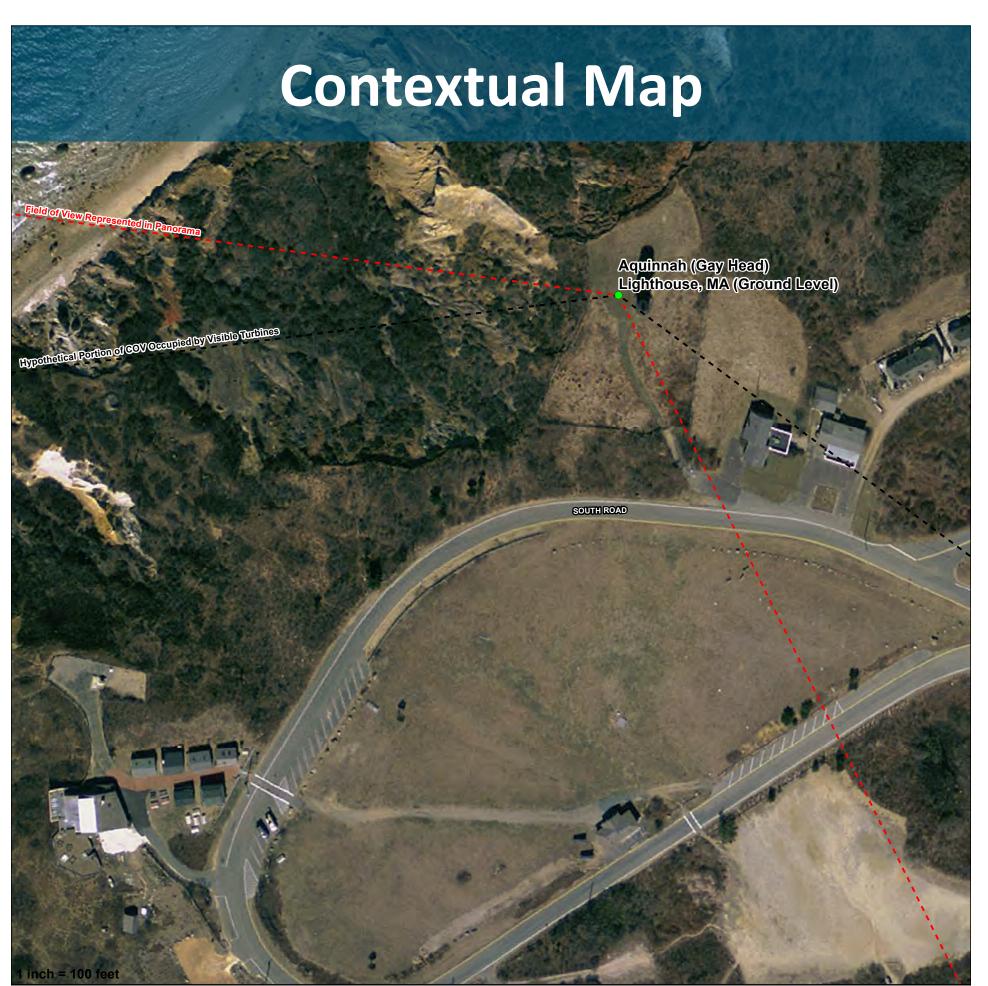


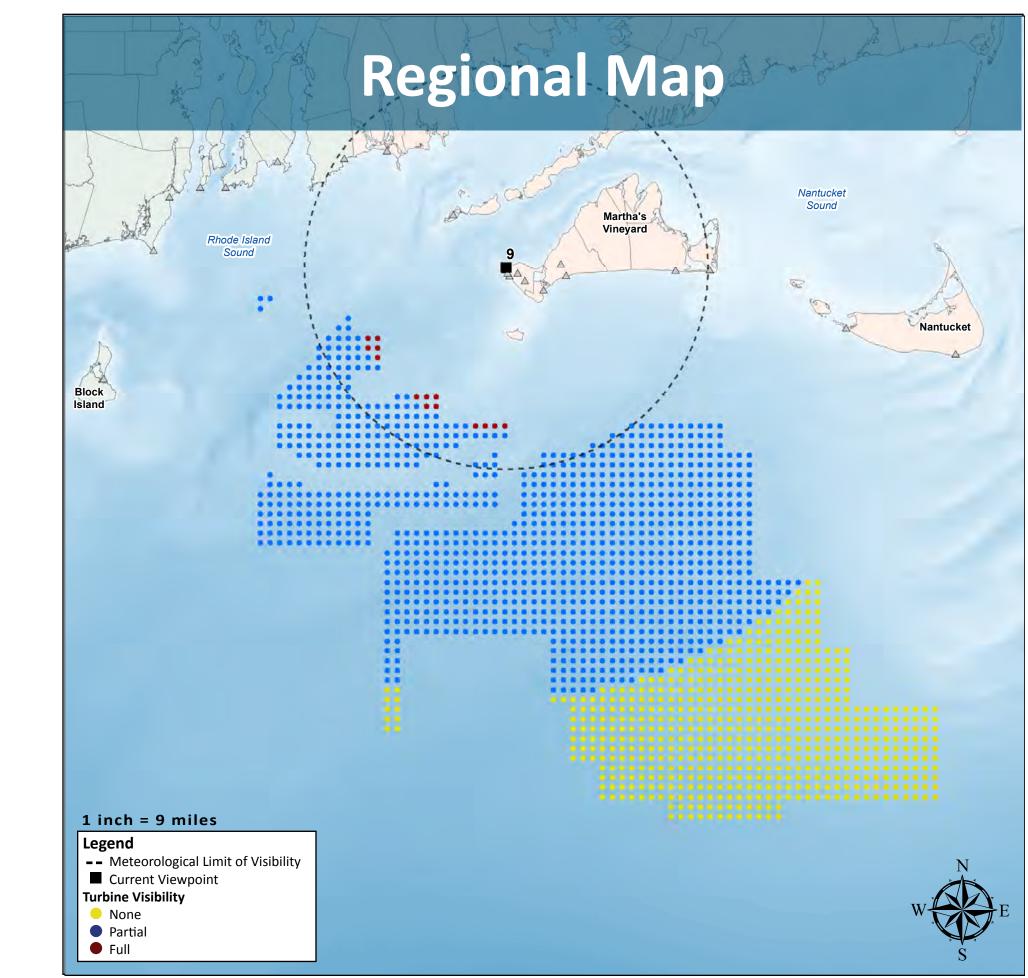
	Aquinnah (Gay Head) Lighthouse, IVIA
Date	June 21, 2014	Nearest Visible Turbine*13.9 mi.
Time	0700	Furthest Visible Turbine* 41.3 mi
Camera Coordinates	UTM Z19 FT	Number of Turbines Visible* 1029
Northing	15023141.780	Temperature 62 °F
Easting	1136750.304	Weather Conditions Clear & Sunny
Height to Lens	5.1'	Humidity
Ground Elevation	131.7 ft.	Visiblity
Camera Make	Nikon	Wave Height 1-2 ft.
Camera Model	D800	Lighting Conditions Back & Side Lit
Focal Length	55 m m	Sun Elevation
Field of View	124° x 55°	Sun Azimuth 224.4°
View Bearing (True)	127°	









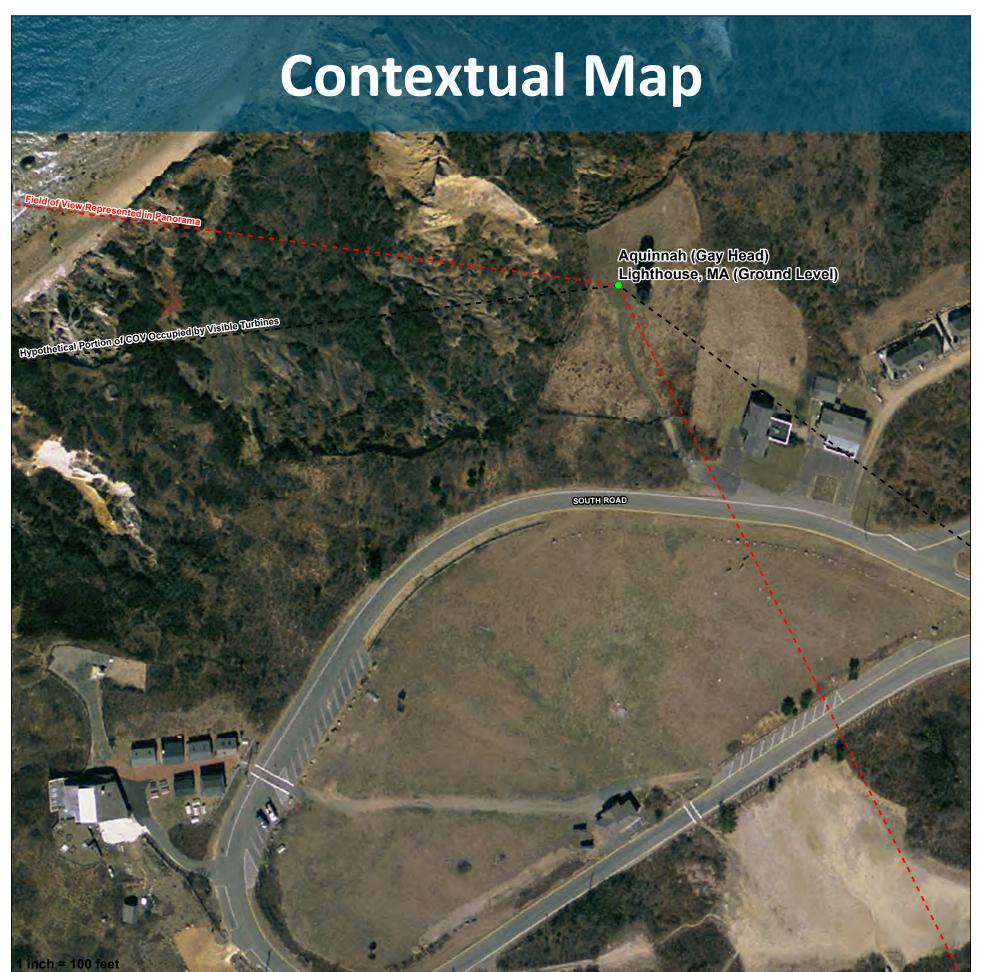


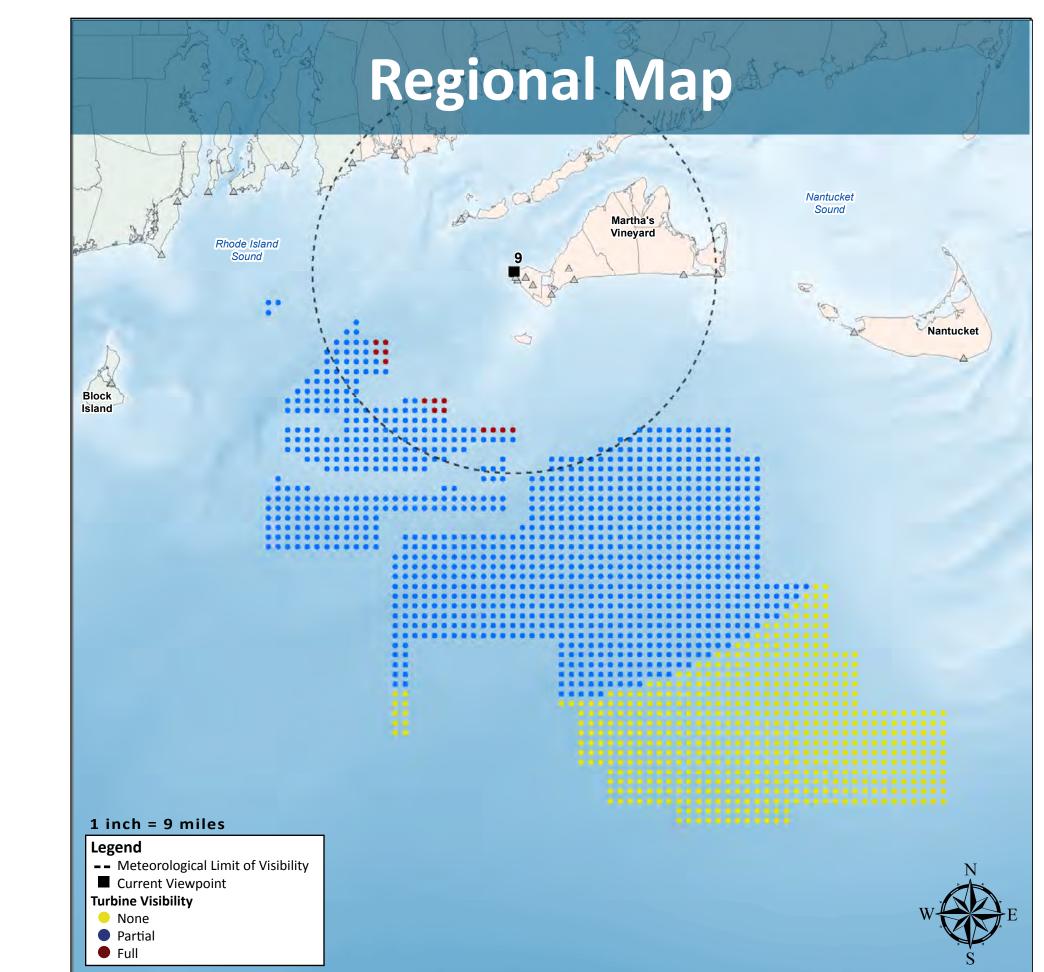
	Aquinnah (Gay Head) Lighthouse, MA
Date	June 21, 2014	Nearest Visible Turbine*13.9 mi.
Time	1200	Furthest Visible Turbine* 41.3 mi
Camera Coordinates	UTM Z19 FT	Number of Turbines Visible* 1029
Northing	15023141.780	Temperature
Easting	1136750.304	Weather Conditions Sunny
Height to Lens	5.1'	Humidity
Ground Elevation	131.7 ft.	Visiblity
Camera Make	Nikon	Wave Height 1-2 ft.
Camera Model	D800	Lighting Conditions Back & Side Lit
Focal Length	55 m m	Sun Elevation
Field of View	124° x 55°	Sun Azimuth 224.4°
View Bearing (True)	127°	









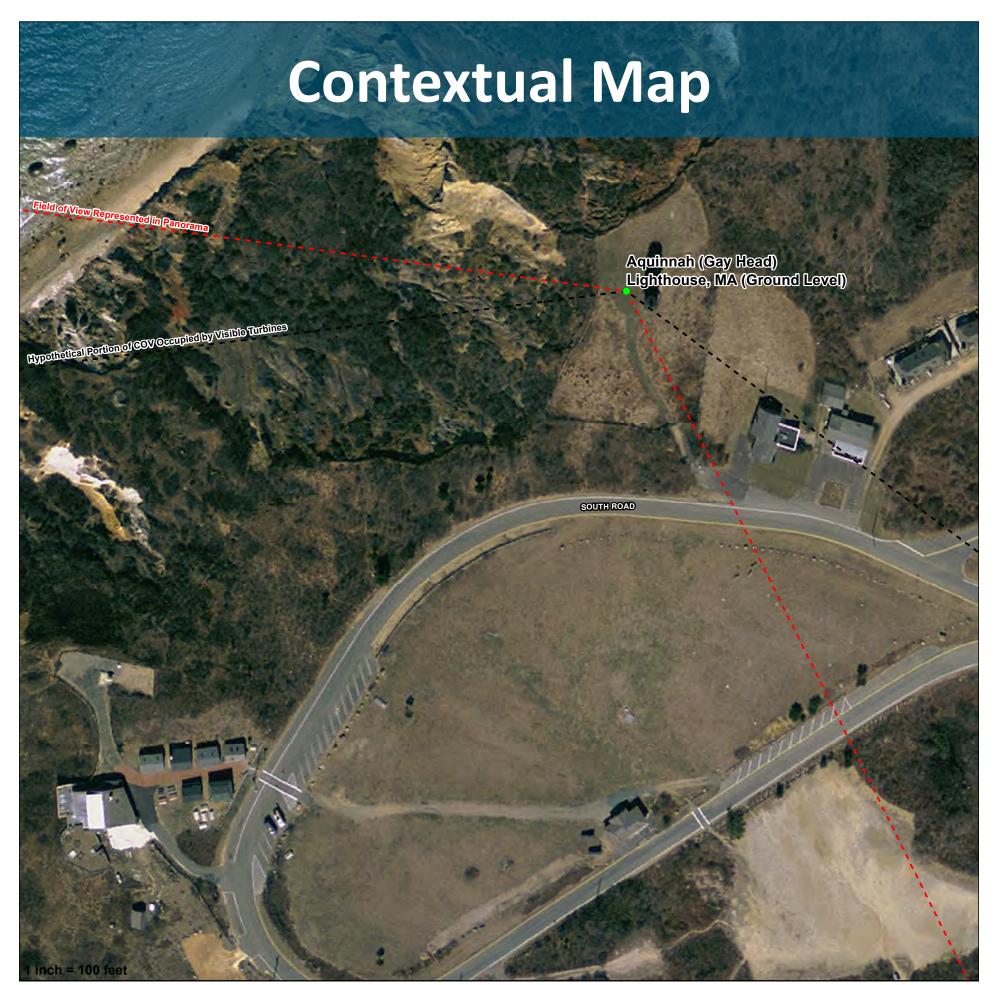


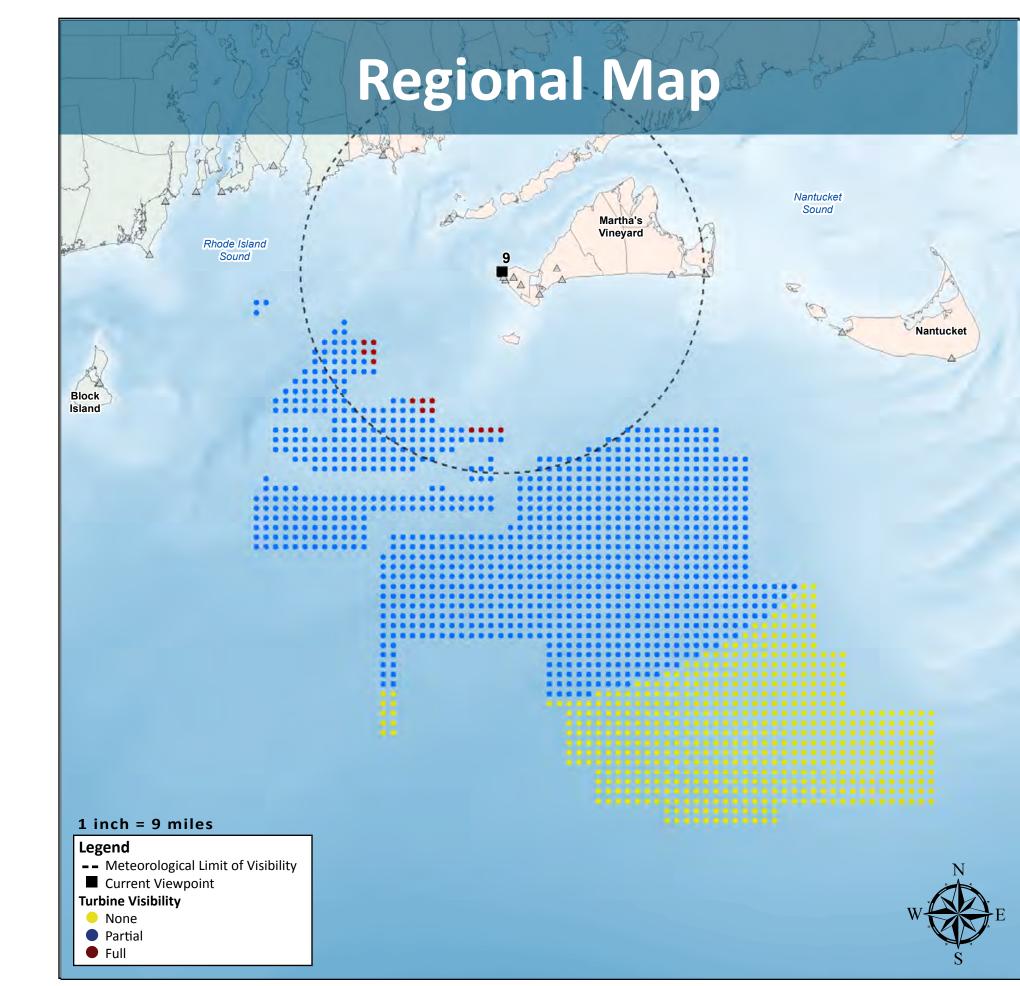
Viev	wpoint & I	Project Data
	Aquinnah (Gay Head	
Date	June 21, 2014	Nearest Visible Turbine*13.9 mi.
Time	1500	Furthest Visible Turbine* 41.3 mi
Camera Coordinates	UTM Z19 FT	Number of Turbines Visible* 1029
Northing	15023141.780	Temperature
Easting	1136750.304	Weather Conditions Sun & Clouds
Height to Lens	5.1'	Humidity
Ground Elevation	131.7 ft.	Visiblity
Camera Make	Nikon	Wave Height 1-2 ft.
Camera Model	D800	Lighting Conditions Back & Side Lit
Focal Length	55 m m	Sun Elevation
Field of View	124° x 55°	Sun Azimuth 224.4°
View Bearing (True)	127°	
* Theoretical Visibility based on earth weather conditions (considered in t		reening will occur as a result of vegetation, structures, and











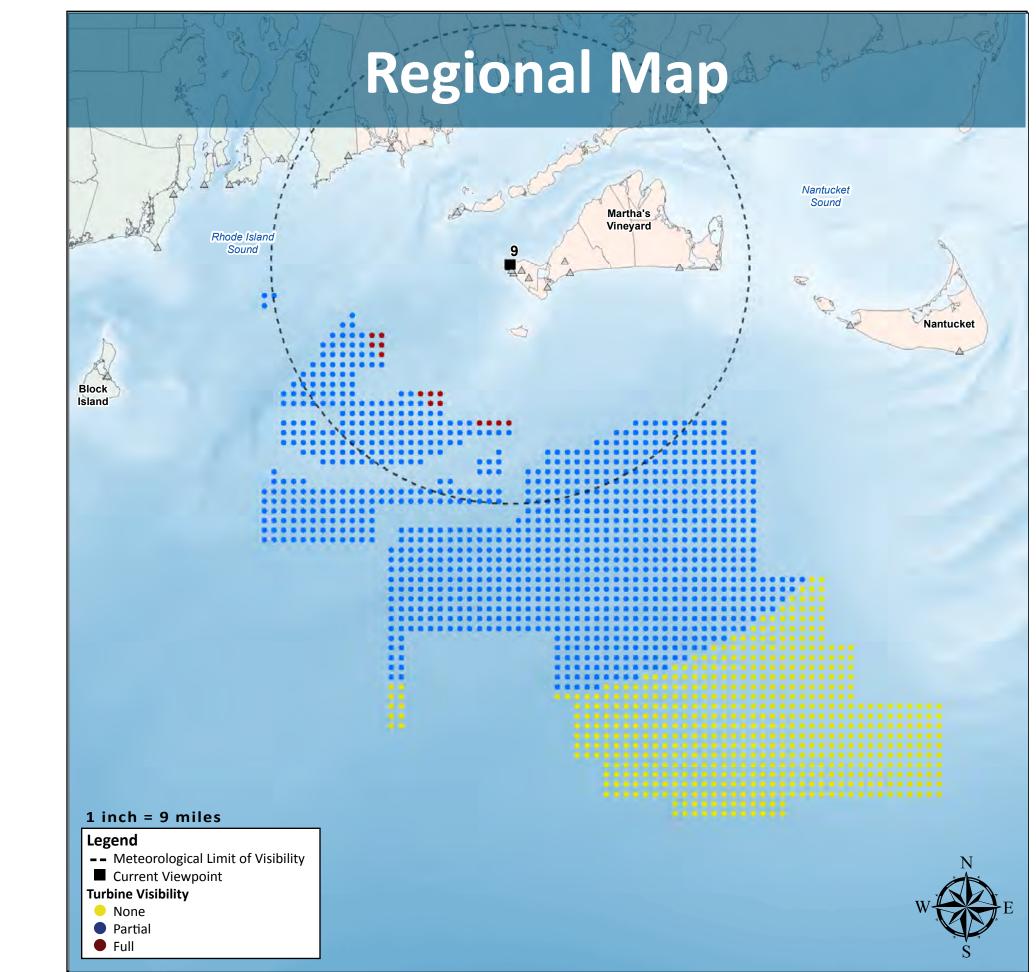
Aquillian (Gay)	Head) Lighthouse, MA
Date June 21, 2014	Nearest Visible Turbine*13.9 mi.
Time 2200	Furthest Visible Turbine* 41.3 mi
Camera Coordinates UTM Z19 FT	Number of Turbines Visible* 1029
Northing 15023141.780	Temperature58°F
Easting 1136750.304	Weather Conditions Clear
Height to Lens 5.1'	Humidity 55%
Ground Elevation 131.7 ft.	Visiblity
Camera Make Nikon	Wave Height 1-2 ft.
Camera Model D800	Lighting Conditions NA
Focal Length 55mm	Sun Elevation
Field of View 124° x 55°	Sun Azimuth 224.4°
View Bearing (True) 127°	









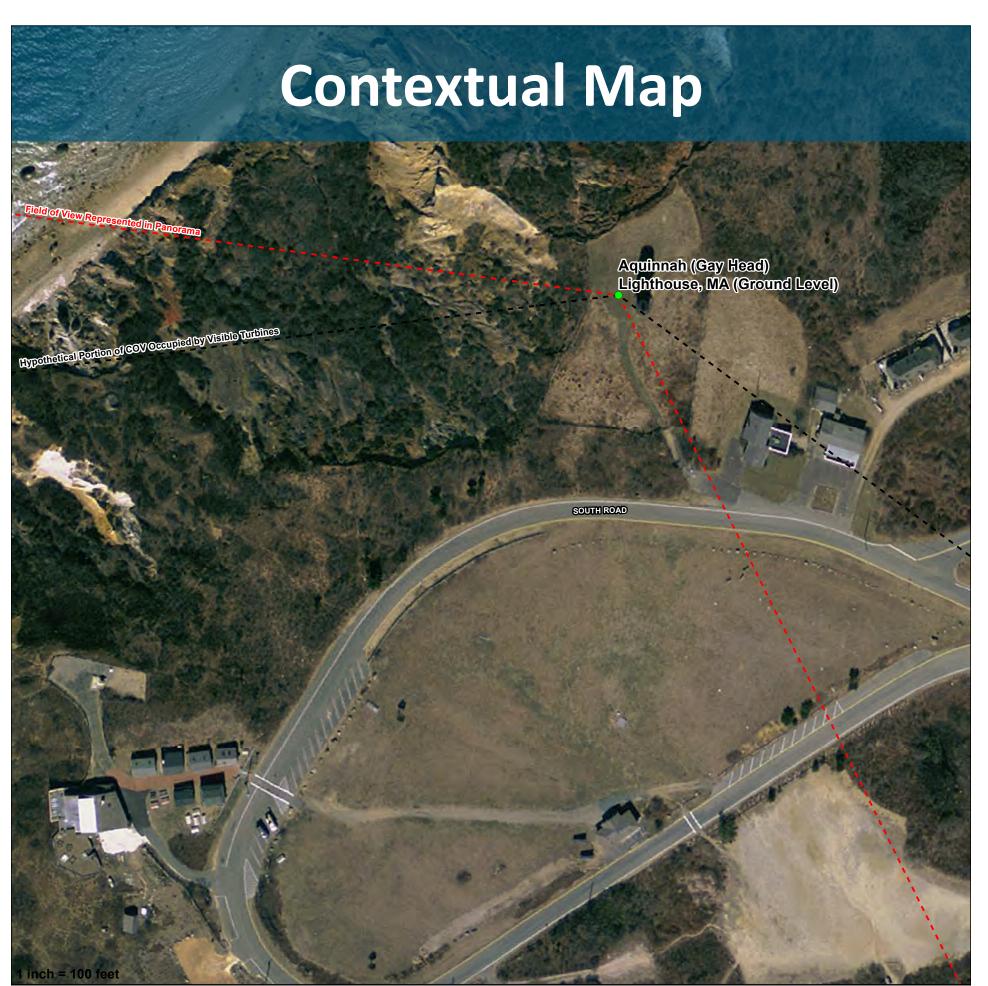


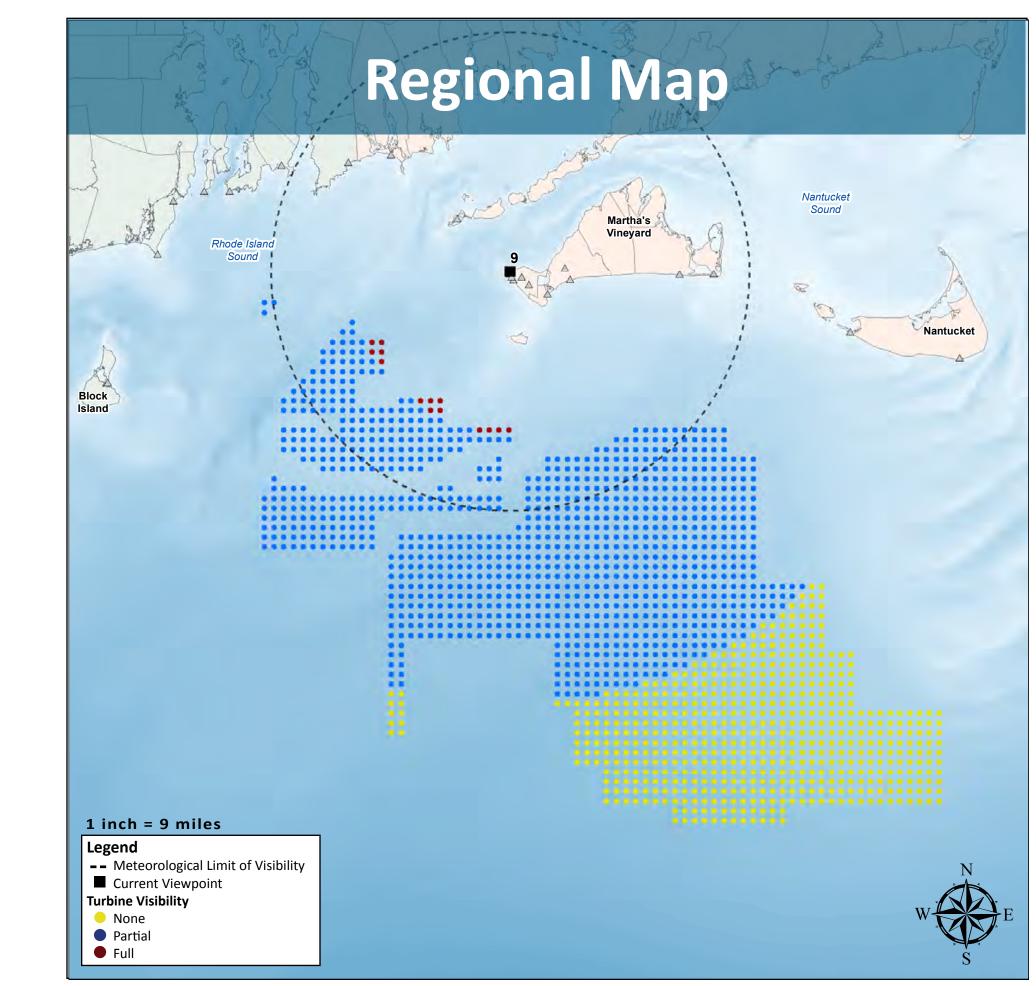
Date September 21, 2014	Nearest Visible Turbine*13.9 mi.
Time 0800	Furthest Visible Turbine* 41.3 mi
Camera Coordinates UTM Z19 FT	Number of Turbines Visible*
Northing 15023141.780	Temperature
Easting 1136750.304	Weather Conditions Clear & Sunny
Height to Lens 5.1'	Humidity
Ground Elevation 131.7 ft.	Visiblity
Camera Make Nikon	Wave Height 1-2 ft.
Camera Model D800	Lighting Conditions Back & Side Lit
Focal Length 55mm	Sun Elevation
Field of View 124° x 55°	Sun Azimuth 224.4°
View Bearing (True) 127°	









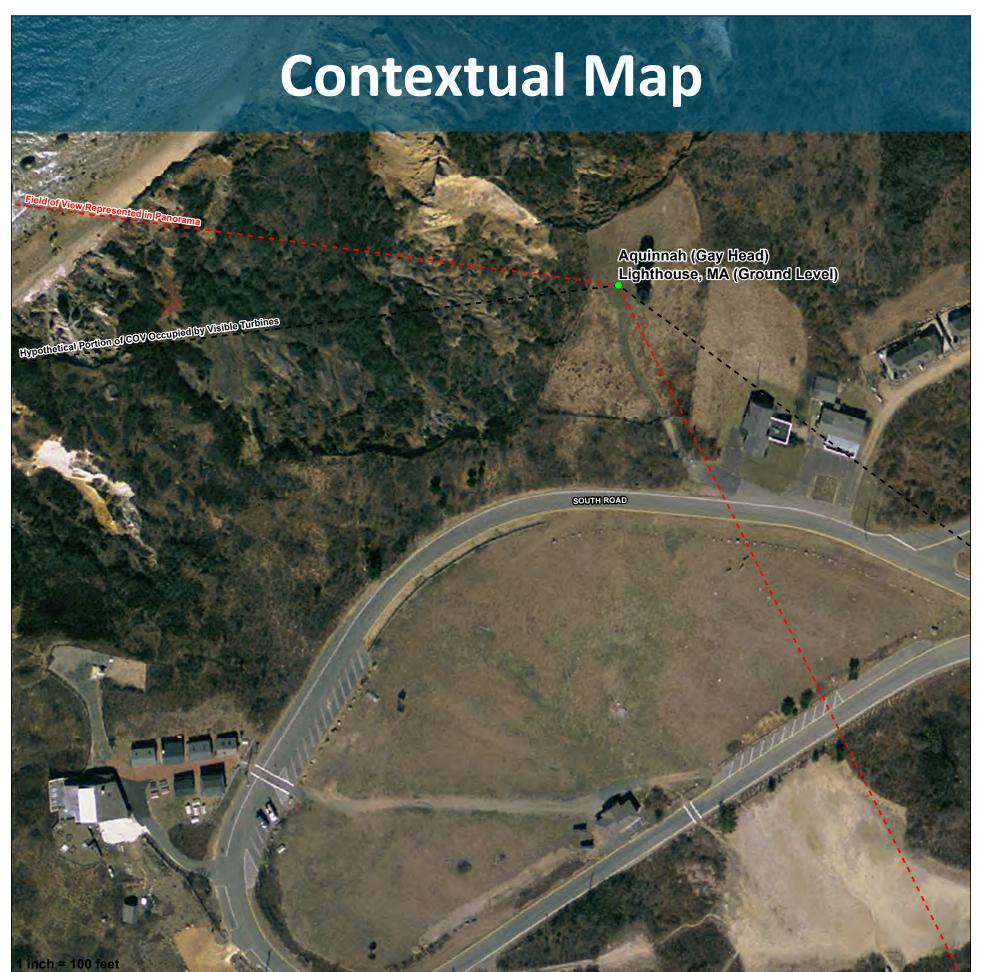


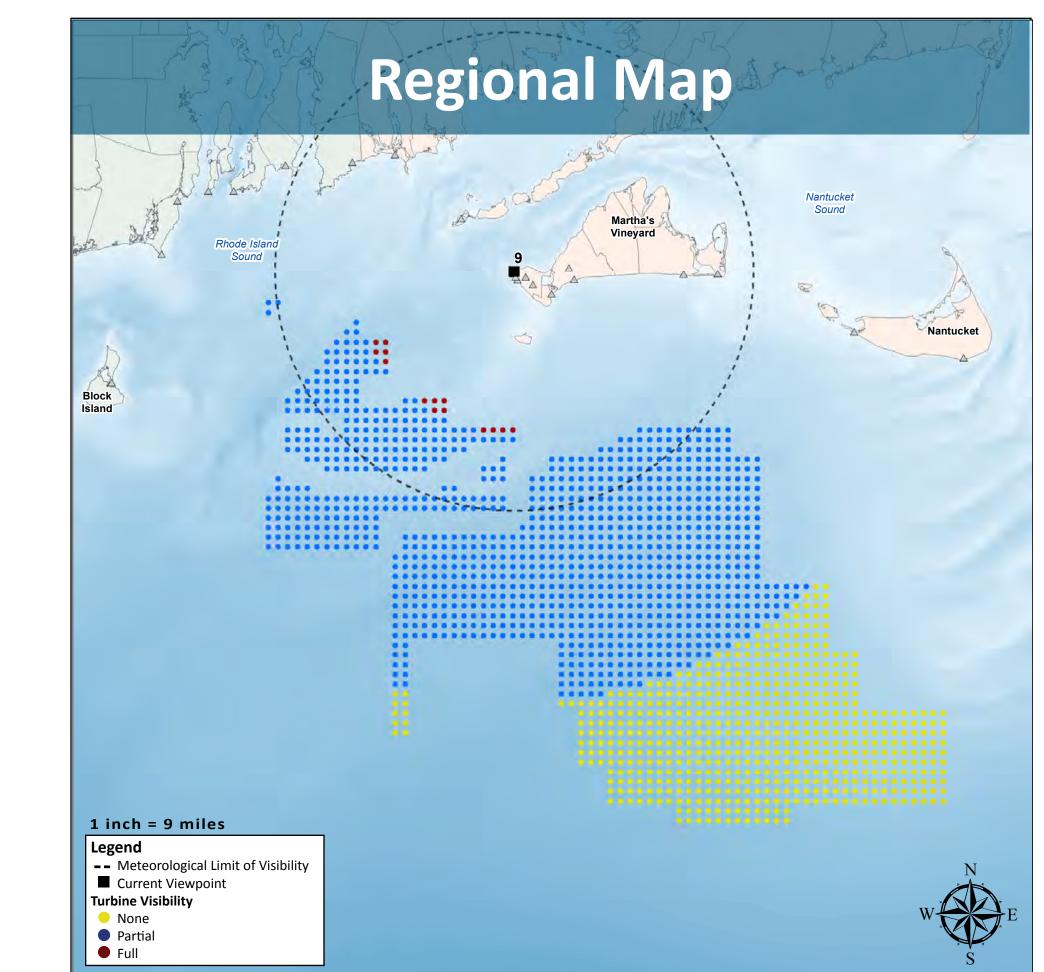
Date September 21, 2014	Nearest Visible Turbine*13.9 mi.
Time 1200	Furthest Visible Turbine* 41.3 mi
Camera Coordinates UTM Z19 FT	Number of Turbines Visible*
Northing 15023141.780	Temperature
Easting 1136750.304	Weather Conditions Sunny
Height to Lens 5.1'	Humidity
Ground Elevation 131.7 ft.	Visiblity
Camera Make Nikon	Wave Height 1-2 ft.
Camera Model D800	Lighting Conditions Back & Side Lit
Focal Length 55mm	Sun Elevation
Field of View 124° x 55°	Sun Azimuth 224.4°
View Bearing (True) 127°	









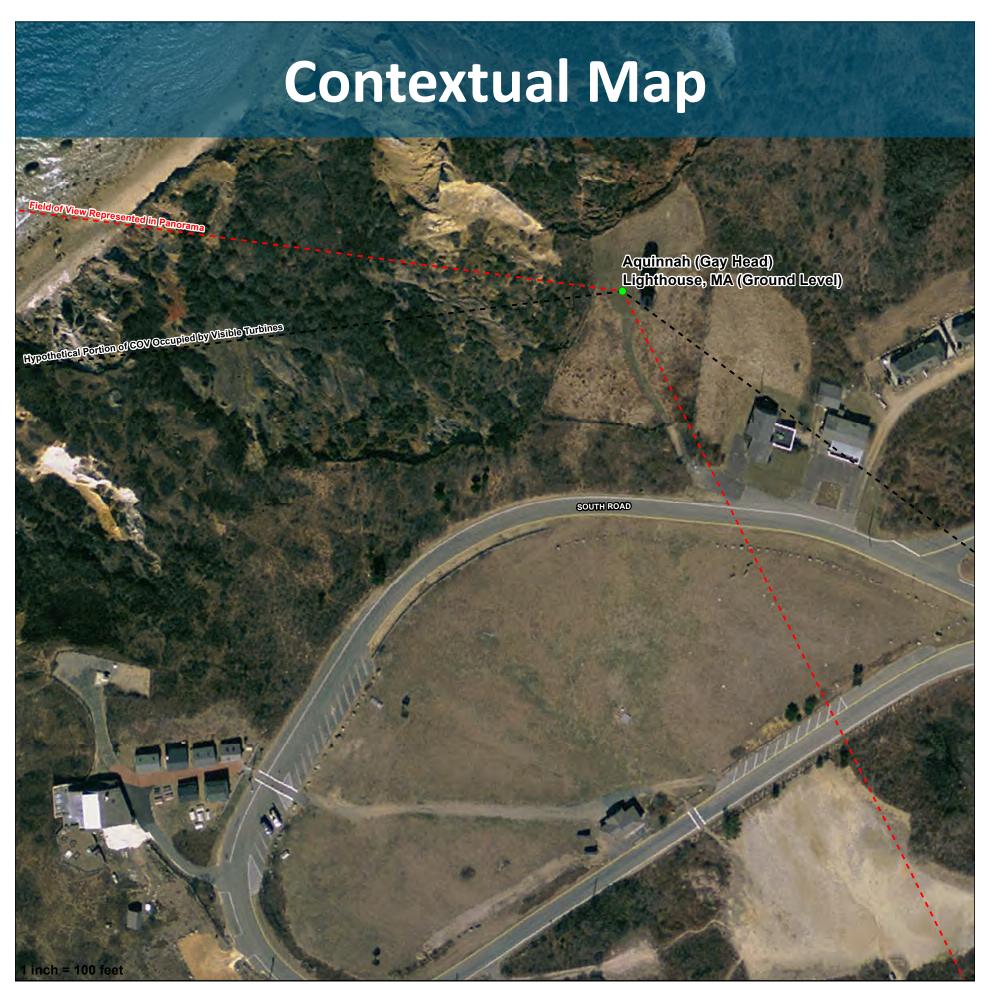


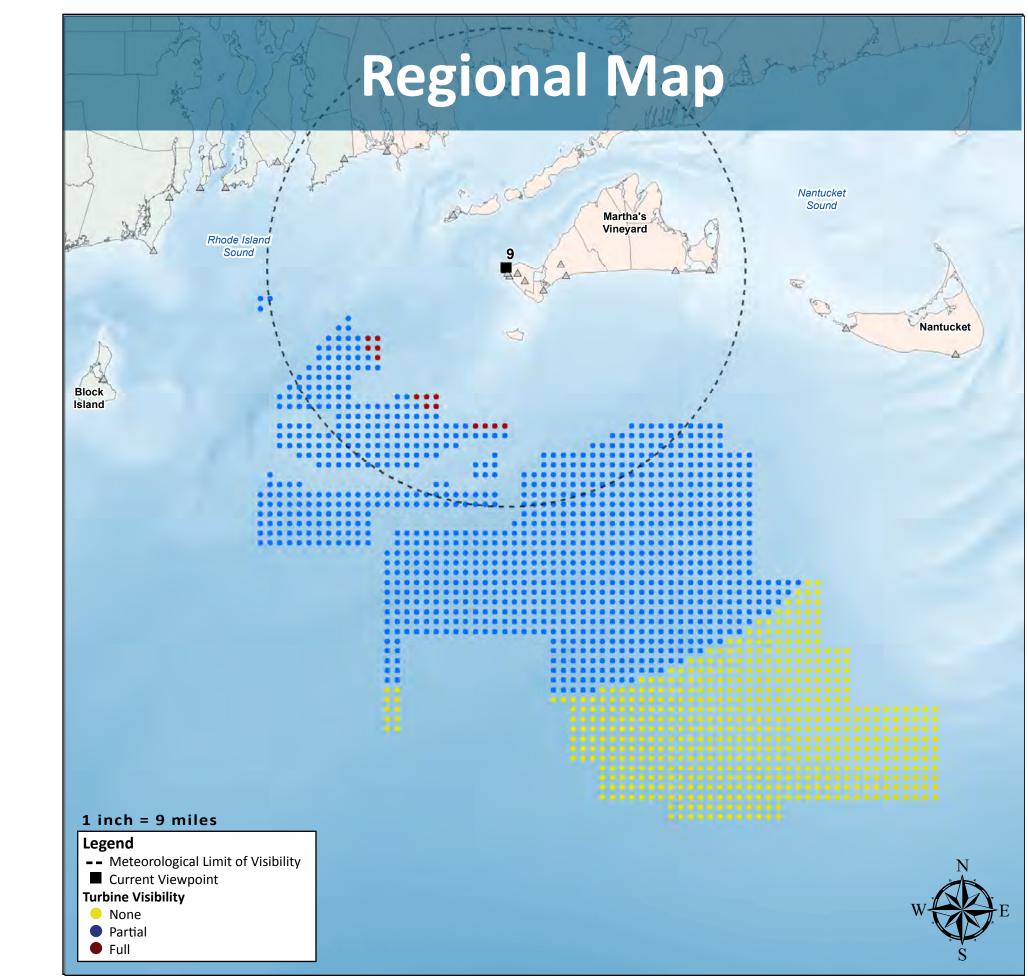
Aquinnah (Gay Head) Lighthouse, MA		
Date	September 21, 2014	Nearest Visible Turbine*13.9 mi.
Time	1500	Furthest Visible Turbine* 41.3 mi
Camera Coordinates	UTM Z19 FT	Number of Turbines Visible* 1029
Northing	15023141.780	Temperature56°F
Easting	1136750.304	Weather Conditions Sun & Clouds
Height to Lens	5.1'	Humidity
Ground Elevation	131.7 ft.	Visiblity
Camera Make	Nikon	Wave Height 1-2 ft.
Camera Model	D800	Lighting Conditions Back & Side Lit
Focal Length	55 m m	Sun Elevation
Field of View	124° x 55°	Sun Azimuth 224.4°
View Bearing (True)	127°	

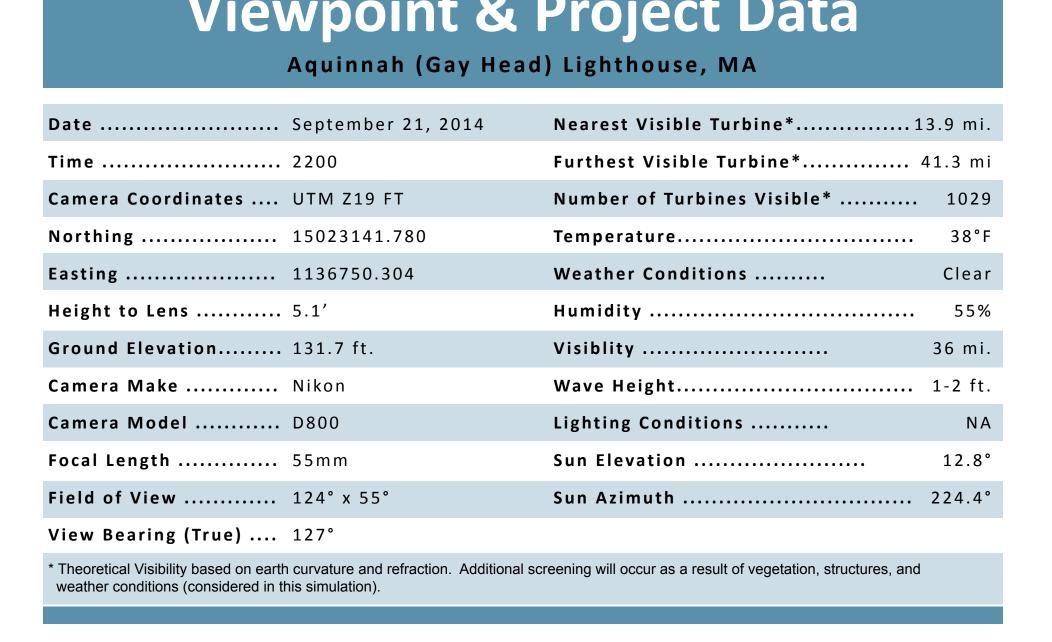








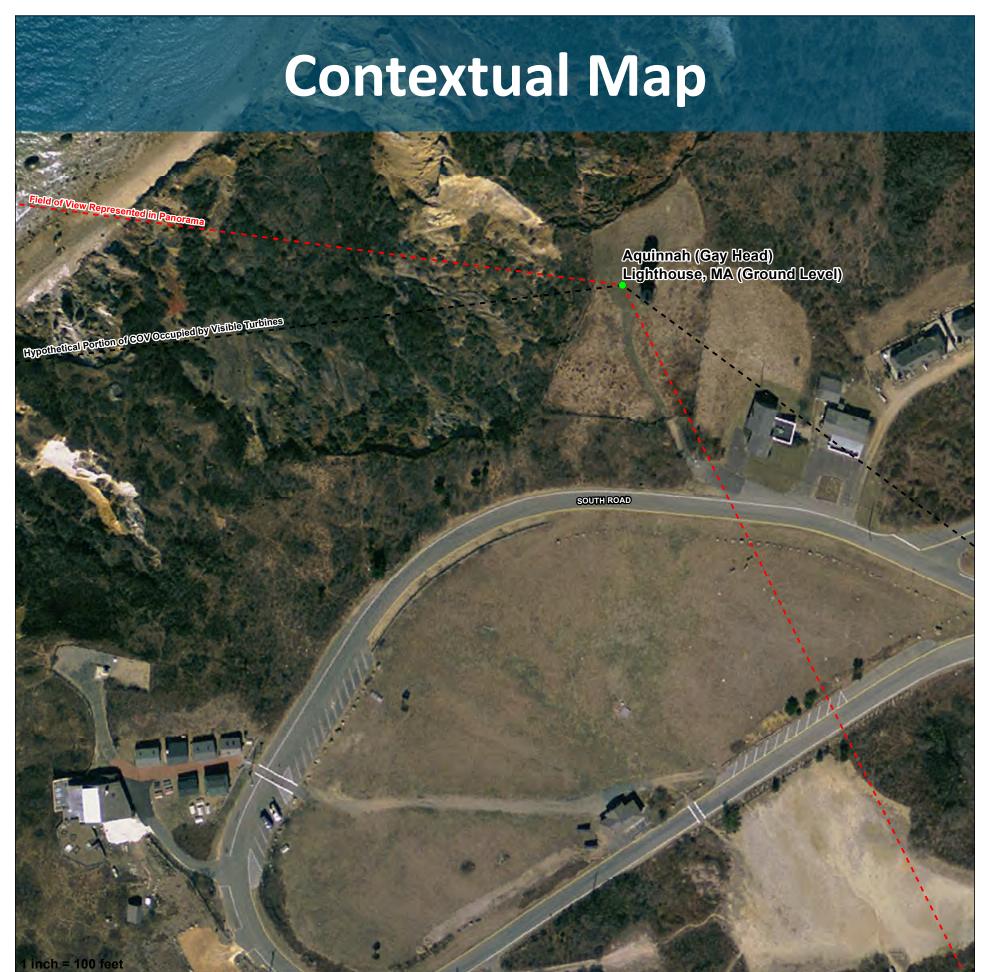


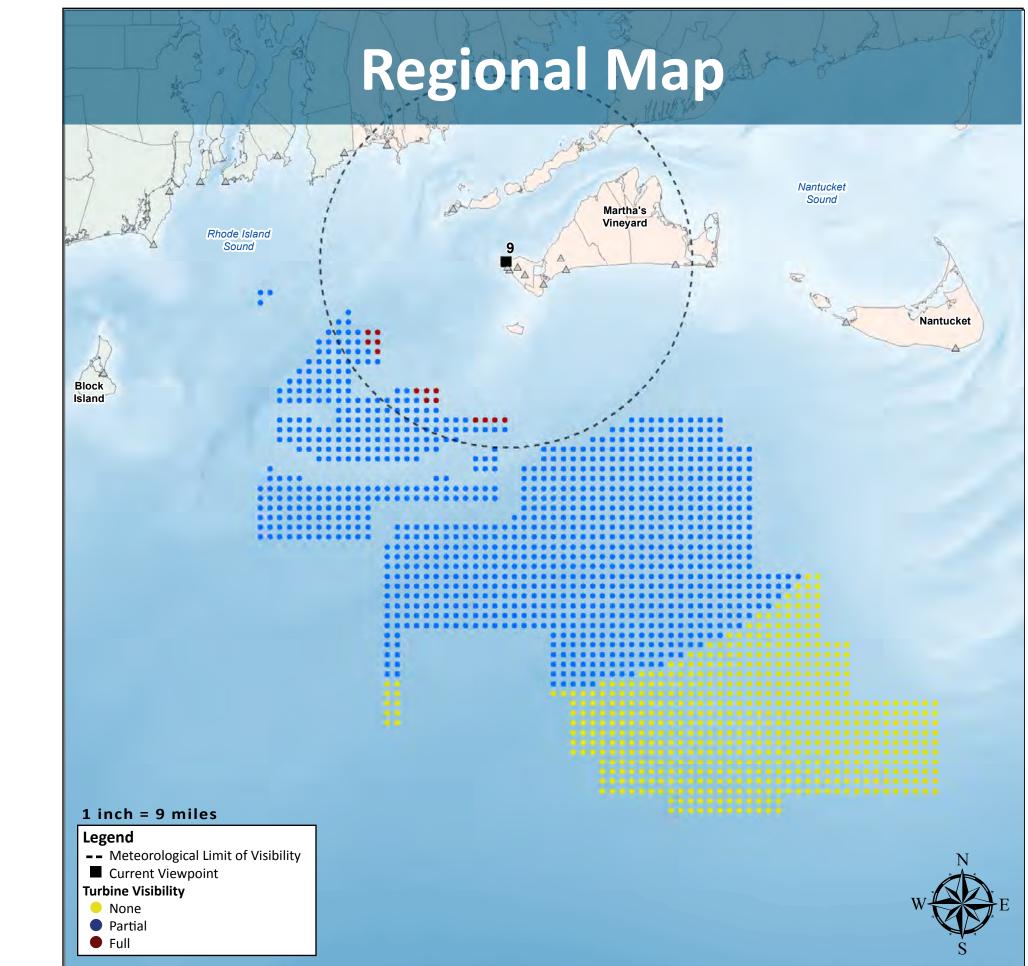












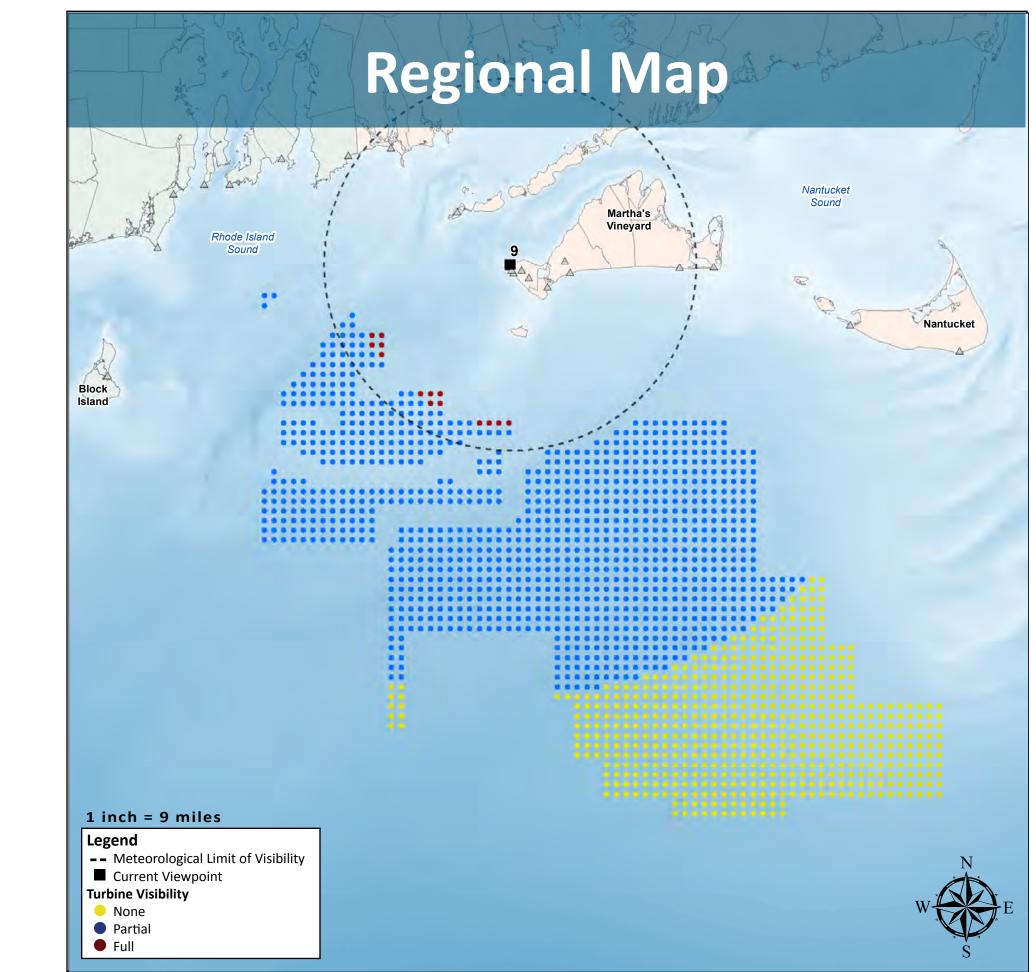
	wpoint & Aquinnah (Gay Head	Project Data) Lighthouse, MA
Date	January 8, 2014	Nearest Visible Turbine*13.9 mi
Time	0900	Furthest Visible Turbine* 41.3 m
Camera Coordinates	UTM Z19 FT	Number of Turbines Visible* 102
Northing	15023141.780	Temperature
Easting	1136750.304	Weather Conditions Sun & Cloud
Height to Lens	5.1'	Humidity 55
Ground Elevation	131.7 ft.	Visiblity
Camera Make	Nikon	Wave Height 1-2 f
Camera Model	D800	Lighting Conditions Back & Side L
Focal Length	55mm	Sun Elevation
Field of View	124° x 55°	Sun Azimuth
View Bearing (True)	127°	
* Theoretical Visibility based on earth weather conditions (considered in t		reening will occur as a result of vegetation, structures, and











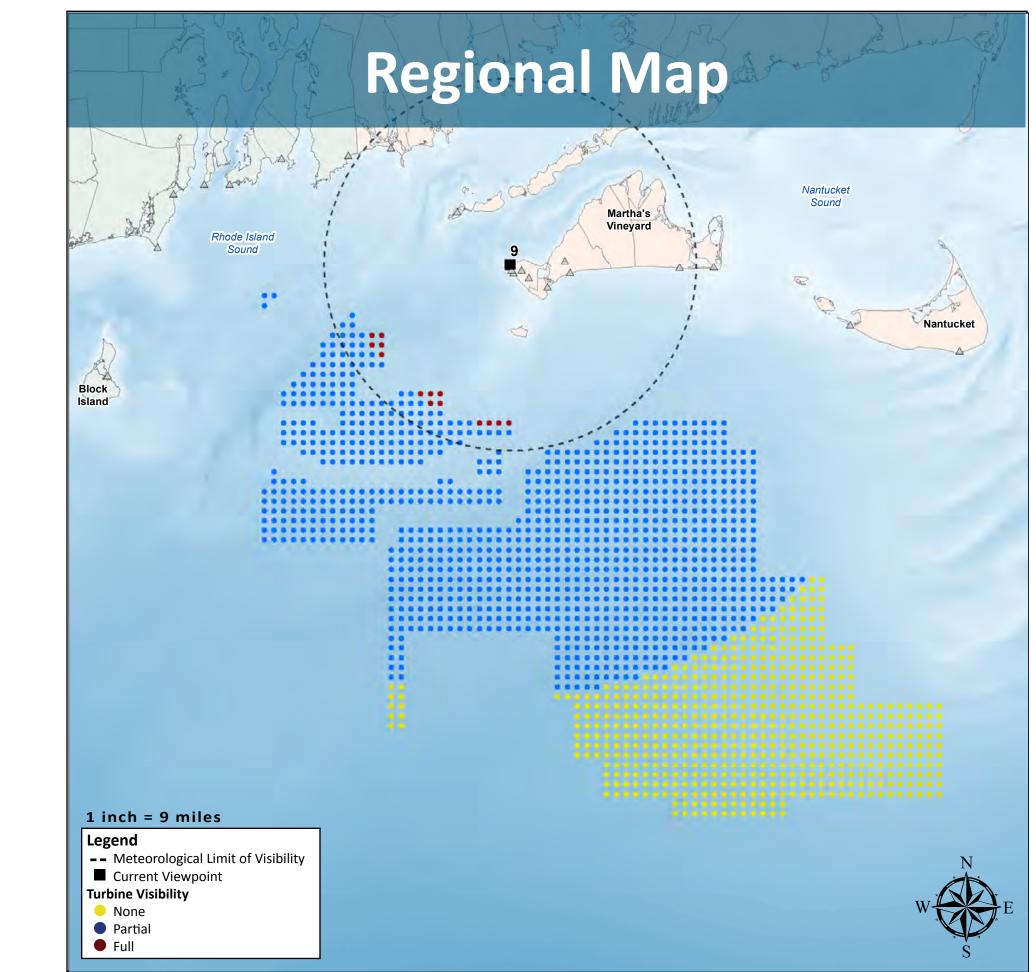
Viewpoint 8	& Project Data
Aquinnah (Gay H	lead) Lighthouse, MA
Date January 8, 2014	Nearest Visible Turbine*13.9 mi
Time 1200	Furthest Visible Turbine* 41.3 m
Camera Coordinates UTM Z19 FT	Number of Turbines Visible* 102
Northing 15023141.780	Temperature
Easting 1136750.304	Weather Conditions Sun & Cloud
Height to Lens 5.1'	Humidity 559
Ground Elevation 131.7 ft.	Visiblity
Camera Make Nikon	Wave Height 1-2 ft
Camera Model D800	Lighting Conditions Back & Side Li
Focal Length 55mm	Sun Elevation
Field of View 124° x 55°	Sun Azimuth 224.4
View Bearing (True) 127°	
* Theoretical Visibility based on earth curvature and refraction. Addit weather conditions (considered in this simulation).	ional screening will occur as a result of vegetation, structures, and









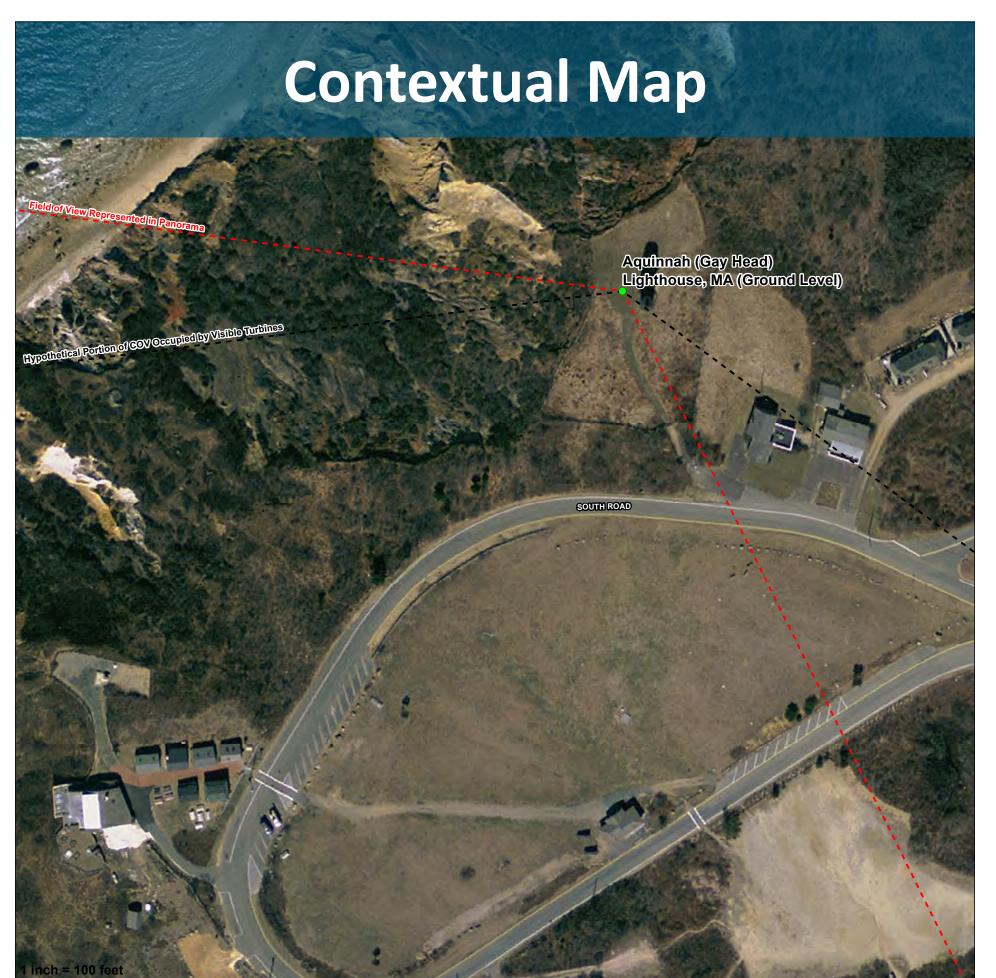


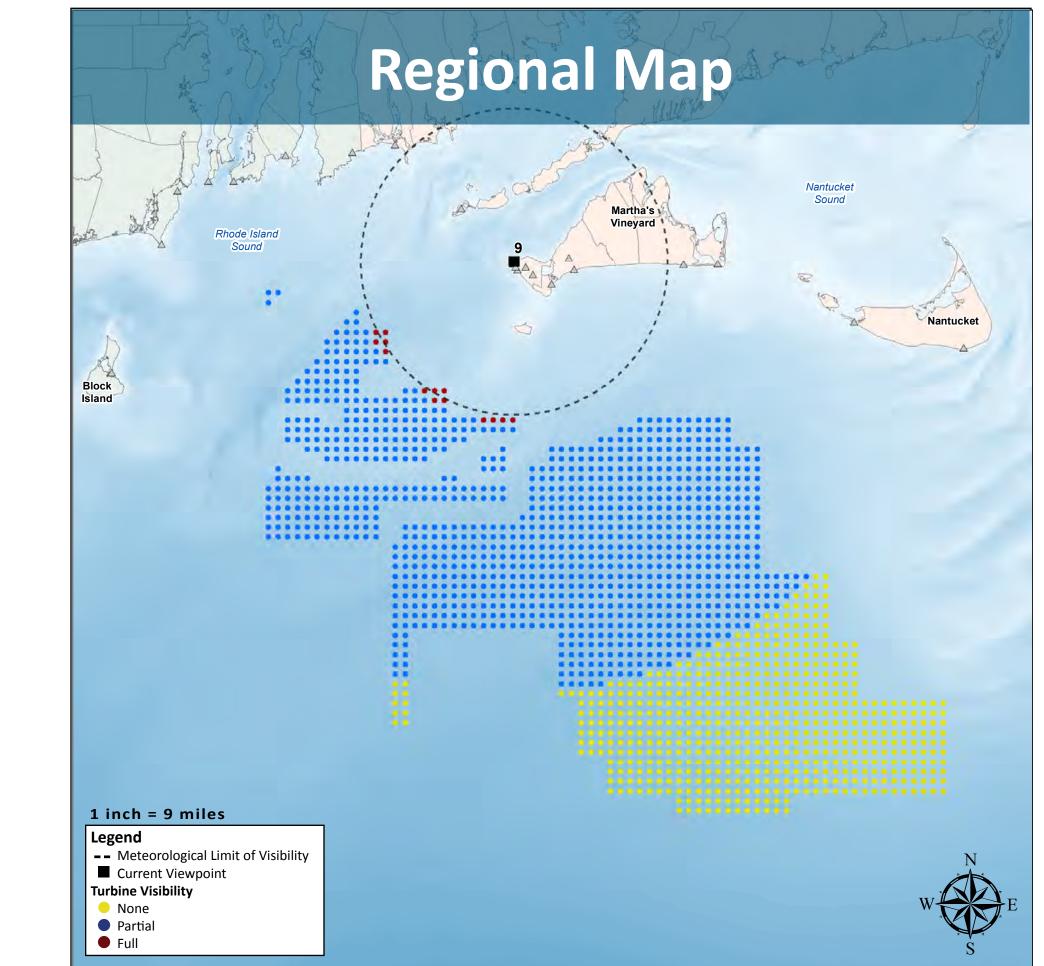
Vie	wpoint & I	Project Data
Aquinnah (Gay Head) Lighthouse, MA		
Date	January 8, 2014	Nearest Visible Turbine*13.9 mi
Time	1500	Furthest Visible Turbine* 41.3 m
Camera Coordinates	UTM Z19 FT	Number of Turbines Visible* 102
Northing	15023141.780	Temperature
Easting	1136750.304	Weather Conditions Sun & Cloud
Height to Lens	5.1'	Humidity
Ground Elevation	131.7 ft.	Visiblity
Camera Make	Nikon	Wave Height 1-2 ft
Camera Model	D800	Lighting Conditions Back & Side Li
Focal Length	55mm	Sun Elevation
Field of View	124° x 55°	Sun Azimuth
View Bearing (True)	127°	
* Theoretical Visibility based on eart weather conditions (considered in t		reening will occur as a result of vegetation, structures, and











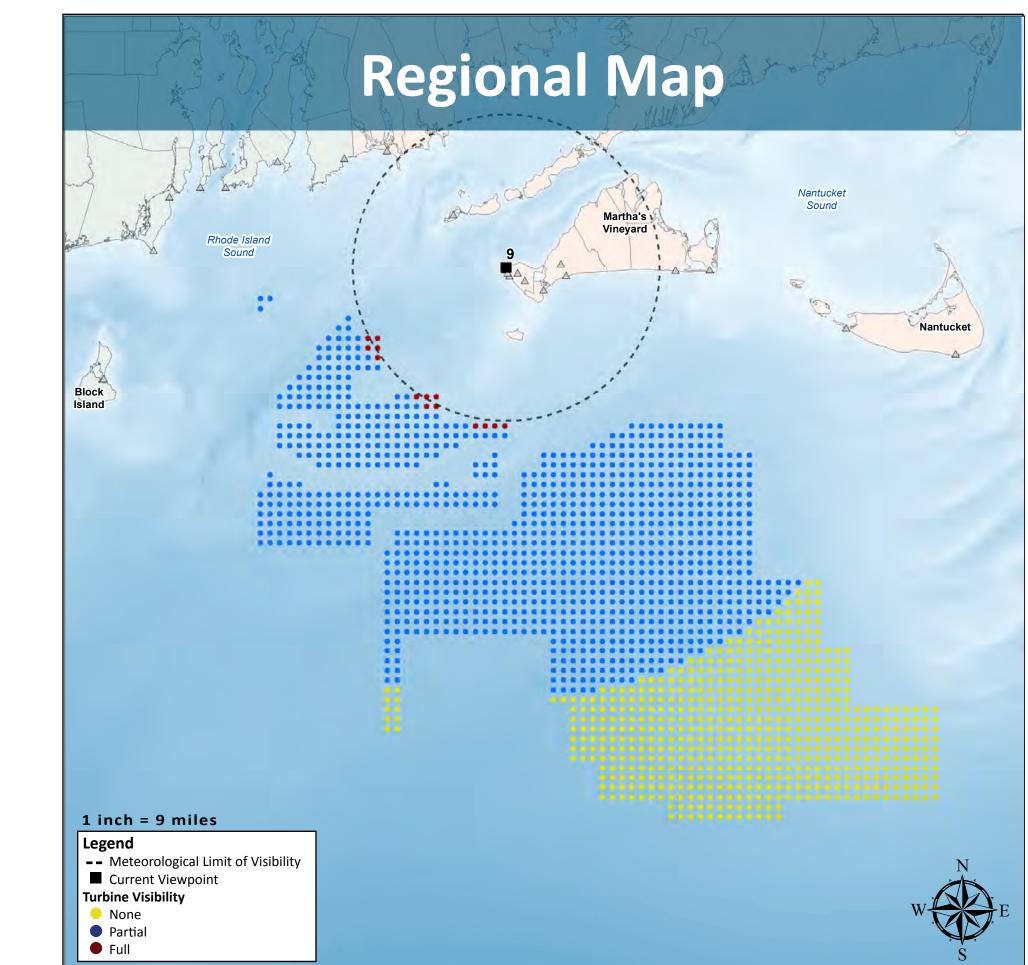
Aquinnah (Gay H	lead) Lighthouse, MA
Aquillian (Gay II	icad, Lighthouse, WiA
Date March 21, 2014	Nearest Visible Turbine*13.9 mi.
Time 0800	Furthest Visible Turbine* 41.3 mi
Camera Coordinates UTM Z19 FT	Number of Turbines Visible* 1029
Northing 15023141.780	Temperature
Easting 1136750.304	Weather Conditions Sun & Clouds
Height to Lens 5.1'	Humidity
Ground Elevation 131.7 ft.	Visiblity
Camera Make Nikon	Wave Height 1-2 ft.
Camera Model D800	Lighting Conditions Back & Side Lit
Focal Length 55mm	Sun Elevation
Field of View 124° x 55°	Sun Azimuth 224.4°
View Bearing (True) 127°	









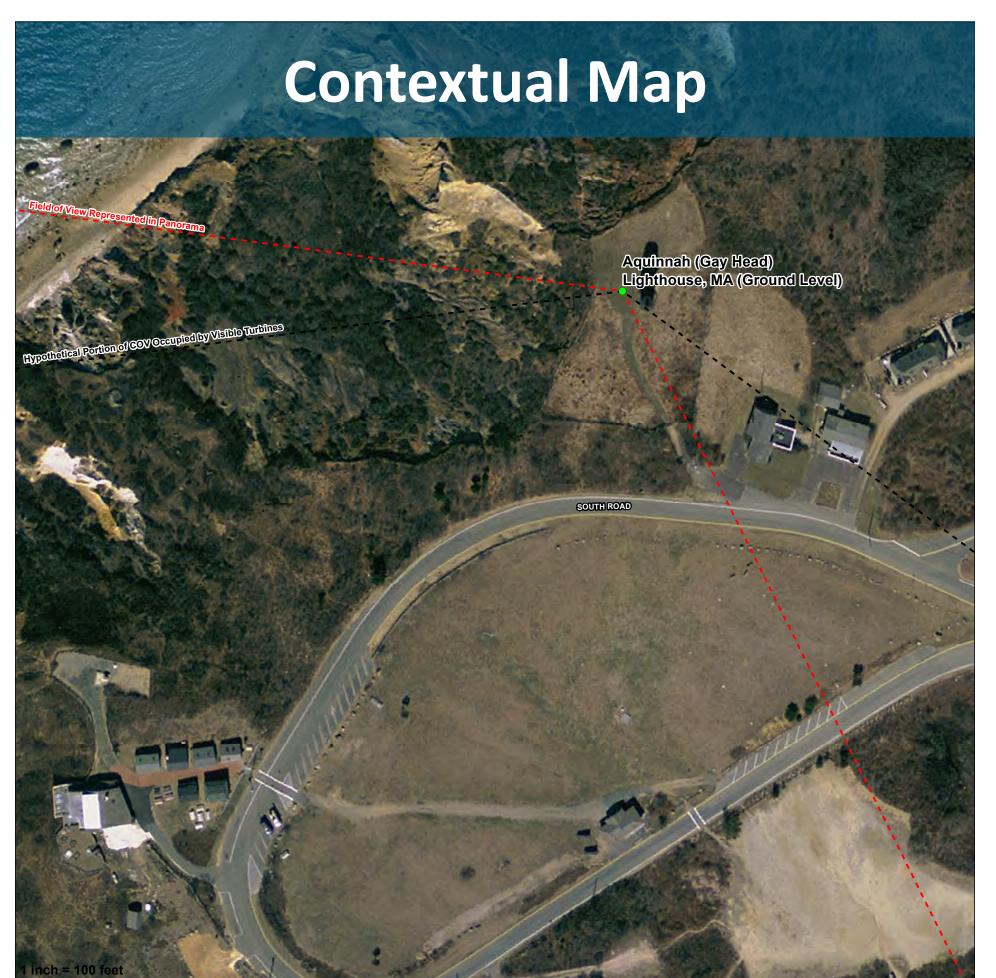


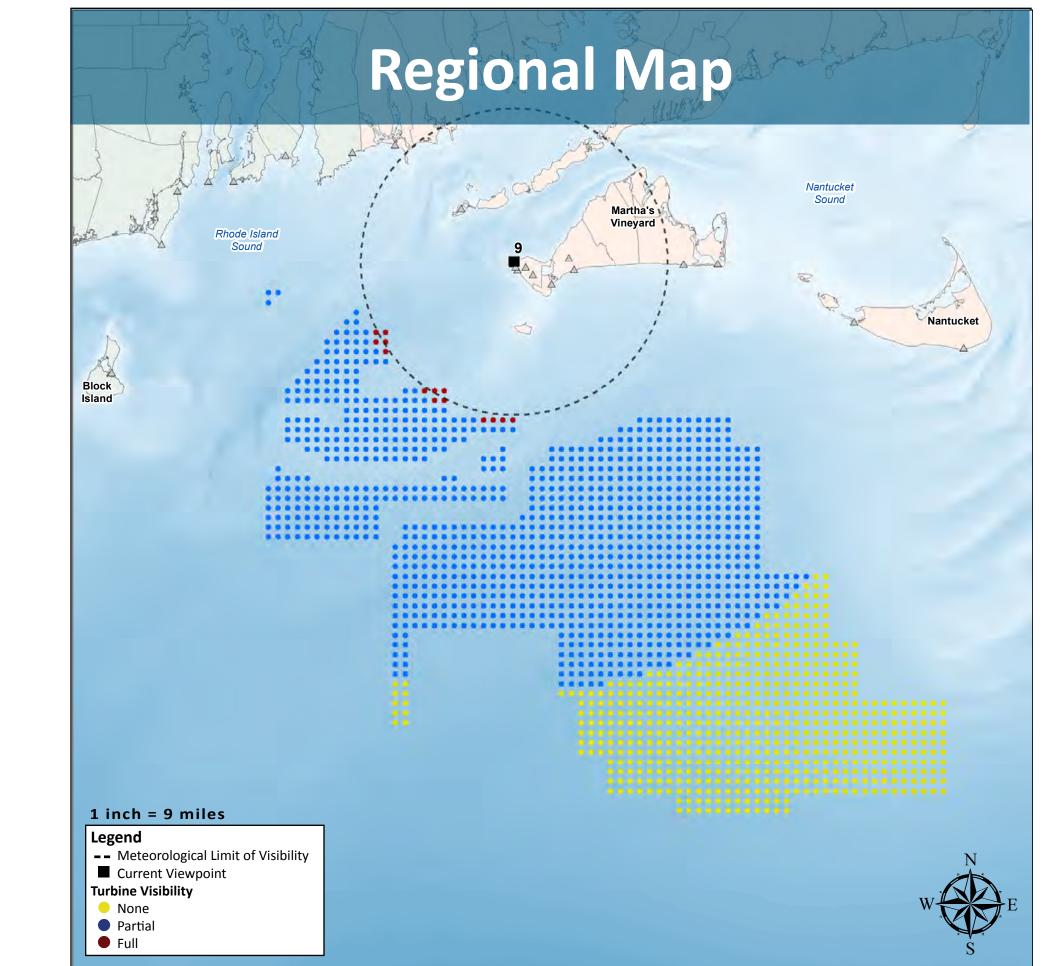
Aquinnah (Gay Head) Lighthouse, MA		
Date March 21	, 2014 Nearest Visible Turbine*13.9 mi.	
Time 1200	Furthest Visible Turbine* 41.3 mi	
Camera Coordinates UTM Z19	FT Number of Turbines Visible* 1029	
Northing 15023142	1.780 Temperature	
Easting 1136750.	304 Weather Conditions Sun & Clouds	
Height to Lens 5.1'	Humidity 55%	
Ground Elevation 131.7 ft.	Visiblity 14.6 mi.	
Camera Make Nikon	Wave Height 1-2 ft.	
Camera Model D800	Lighting Conditions Back & Side Lit	
Focal Length 55mm	Sun Elevation 12.8°	
Field of View 124° x 55	Sun Azimuth 224.4°	
View Bearing (True) 127°		









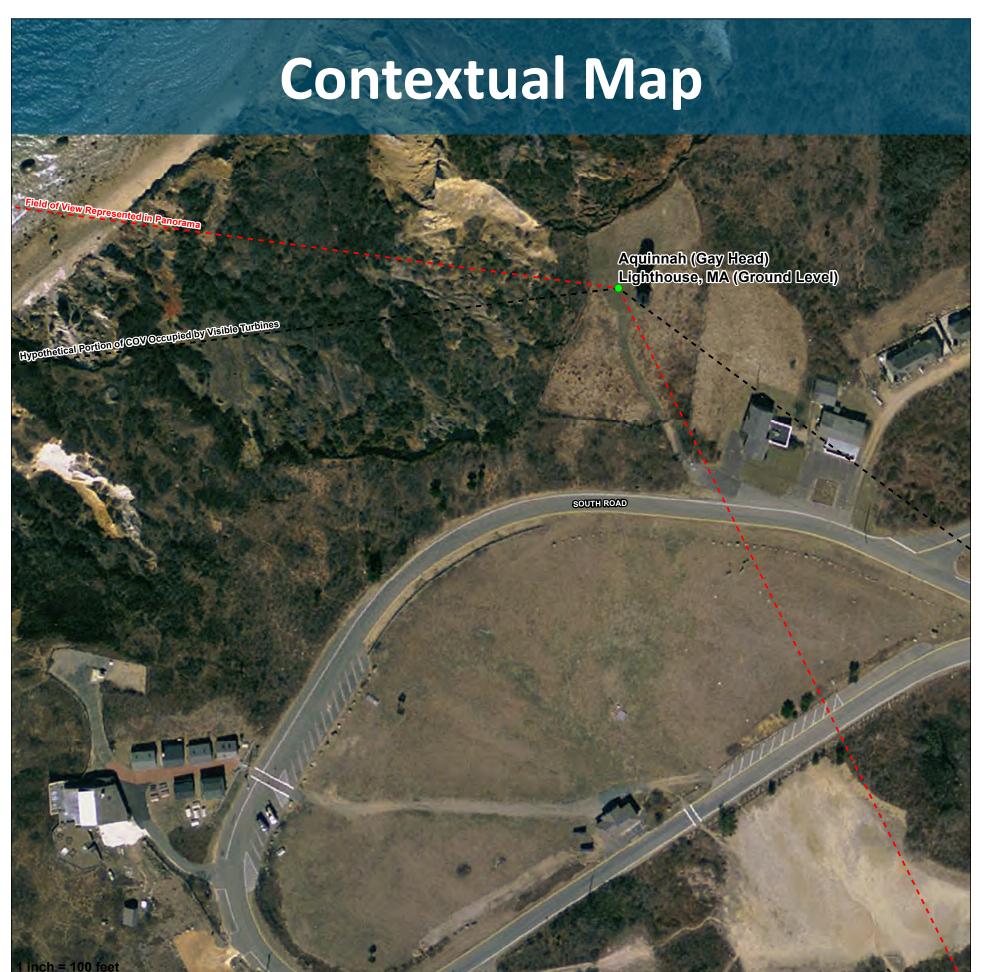


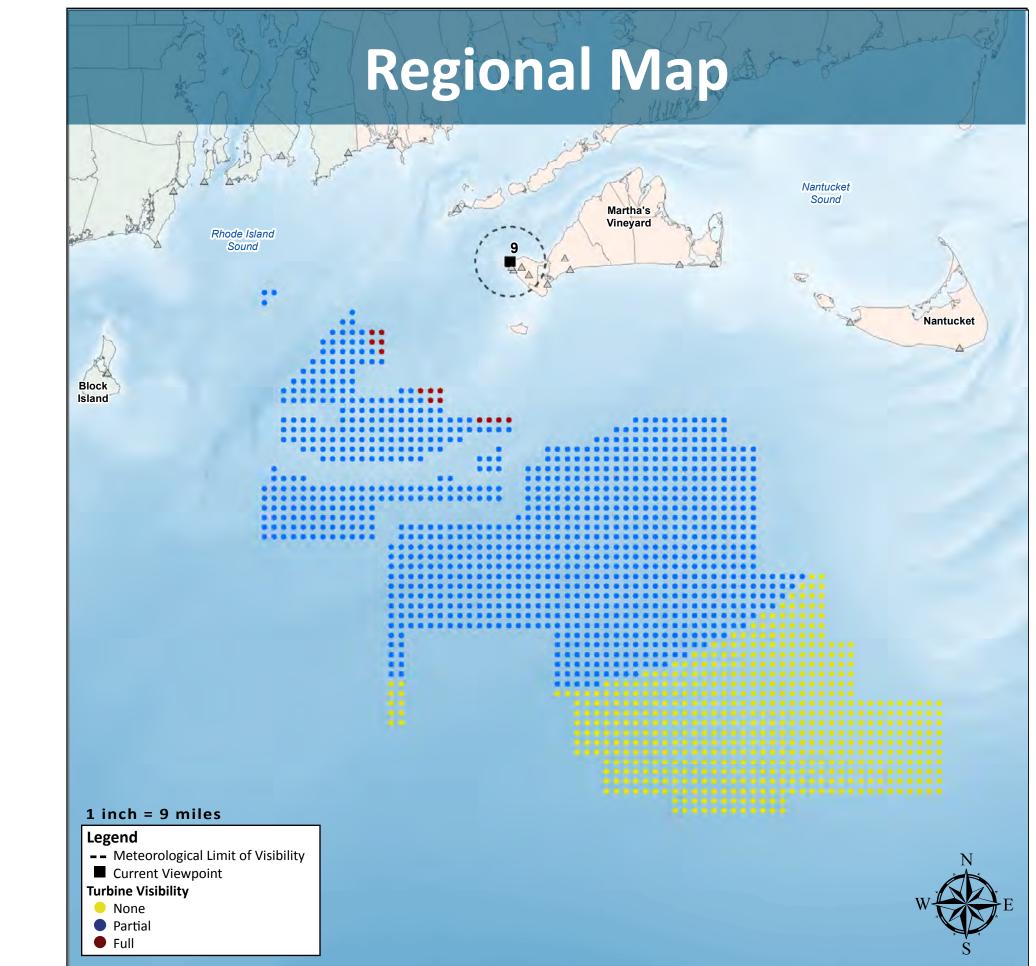
Aquimum (ouy ii	ead) Lighthouse, MA
Date March 21, 2014	Nearest Visible Turbine*13.9 mi.
Time 1500	Furthest Visible Turbine* 41.3 mi
Camera Coordinates UTM Z19 FT	Number of Turbines Visible* 1029
Northing 15023141.780	Temperature
Easting 1136750.304	Weather Conditions Sun & Clouds
Height to Lens 5.1'	Humidity 55%
Ground Elevation 131.7 ft.	Visiblity
Camera Make Nikon	Wave Height 1-2 ft.
Camera Model D800	Lighting Conditions Back & Side Lit
Focal Length 55mm	Sun Elevation
Field of View 124° x 55°	Sun Azimuth 224.4°
View Bearing (True) 127°	









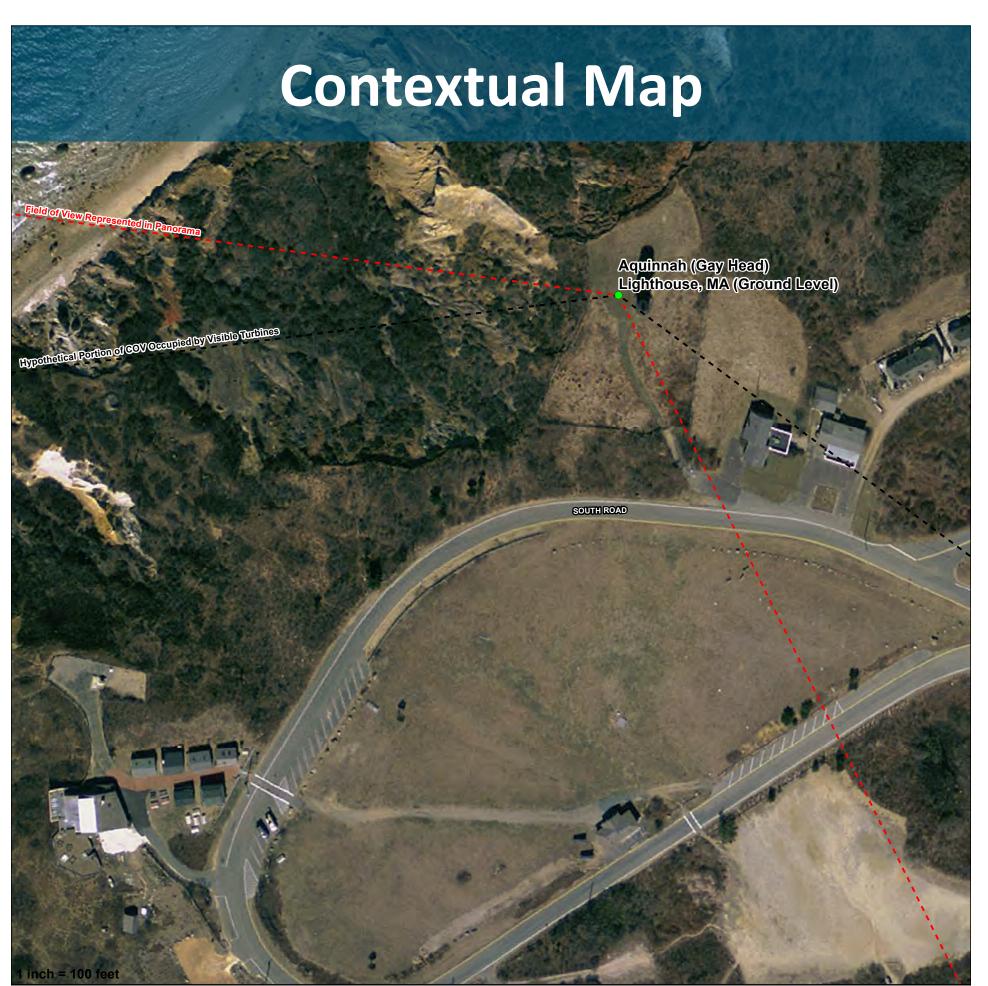


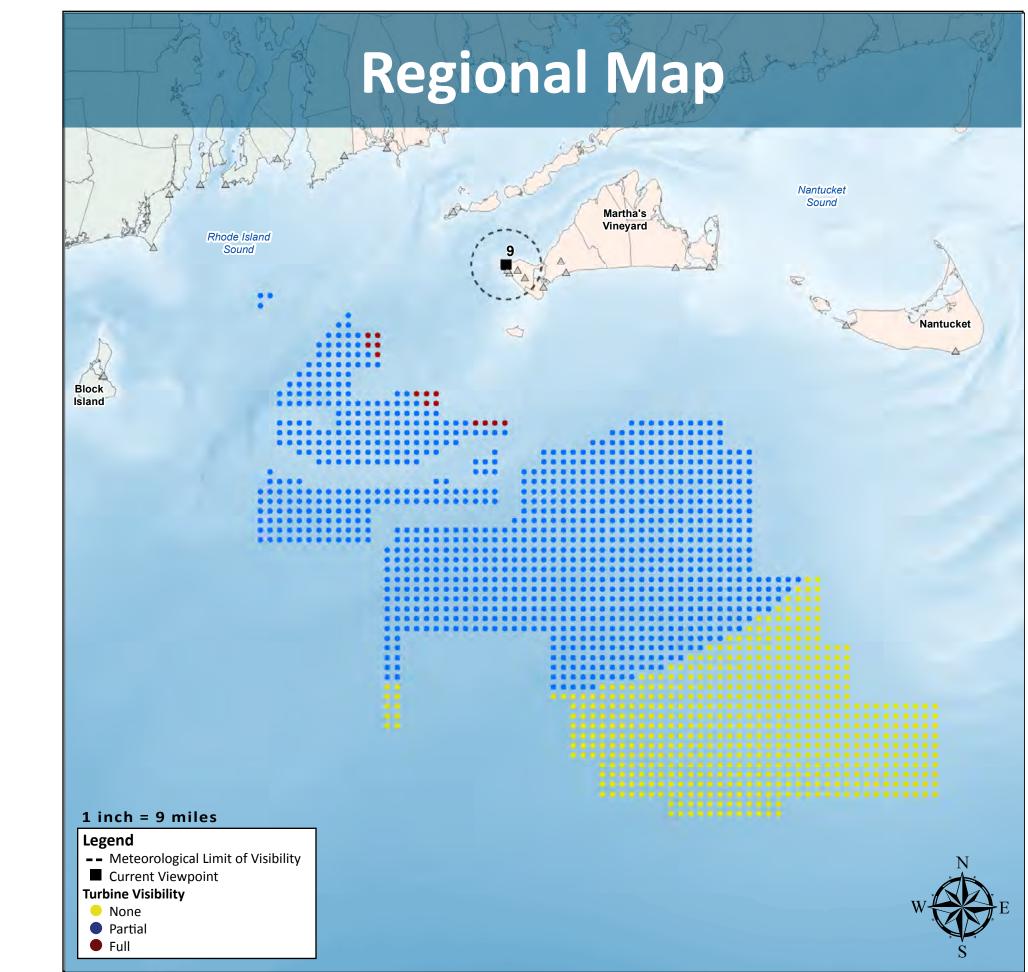
Date J	une 21 201/	Nearest Visible Turbine*13.9 mi.
Time 0	· ·	Furthest Visible Turbine*
Camera Coordinates		Number of Turbines Visible*
Northing 1	5023141.780	Temperature58°F
Easting 1	136750.304	Weather Conditions Sun & Clouds
Height to Lens 5	5.1'	Humidity
Ground Elevation 1	31.7 ft.	Visiblity
Camera Make N	Nikon	Wave Height 1-2 ft.
Camera Model D	0800	Lighting Conditions Back & Side Lit
Focal Length 5	55 m m	Sun Elevation
Field of View 1	24° x 55°	Sun Azimuth
View Bearing (True) 1	.27°	









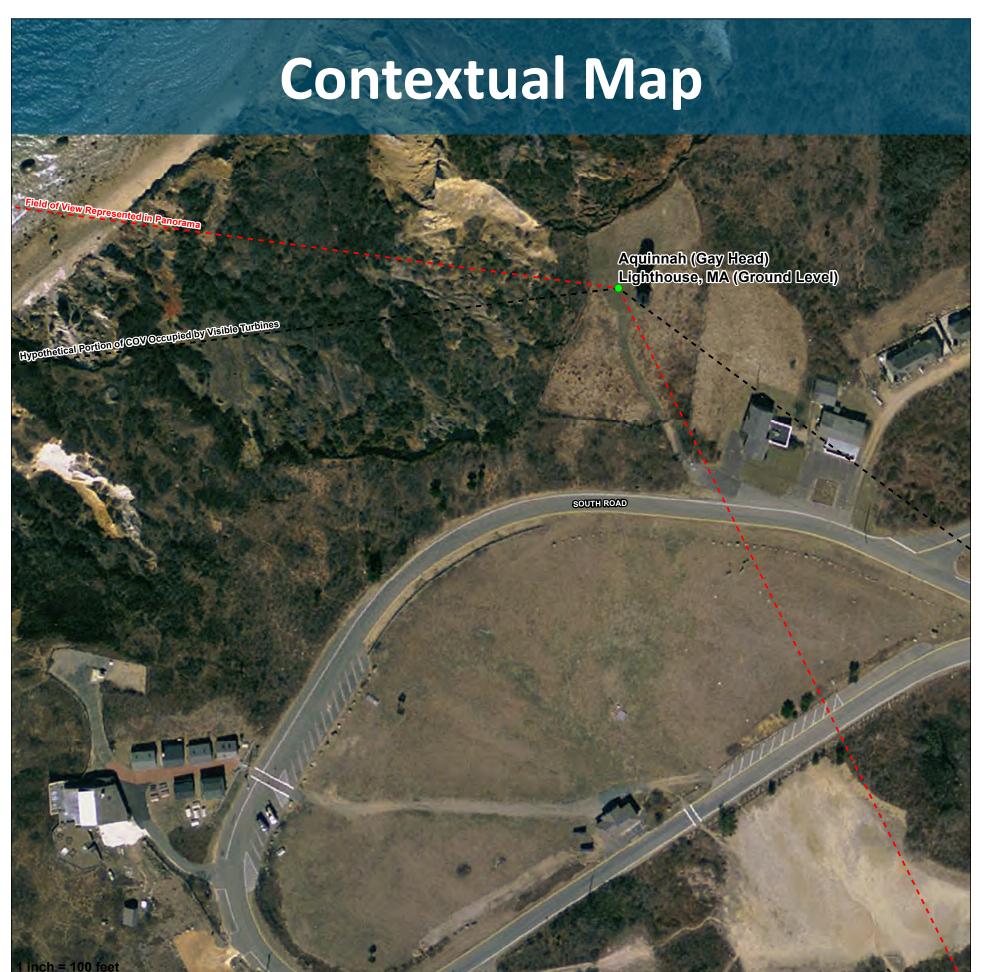


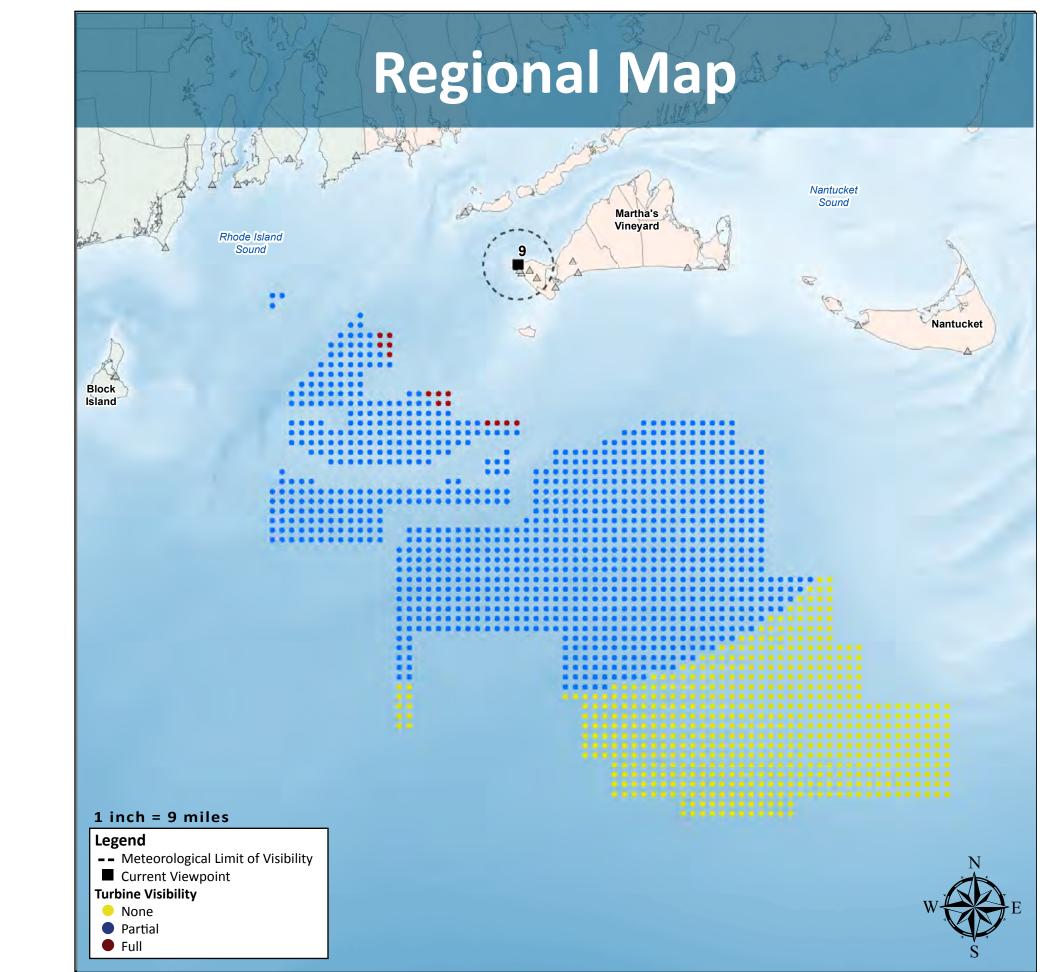
Date June 21, 2014	Nearest Visible Turbine*13.9 n
Time 1200	Furthest Visible Turbine* 41.3
Camera Coordinates UTM Z19 FT	Number of Turbines Visible* 10
Northing 15023141.780	Temperature70
Easting 1136750.304	Weather Conditions Sun & Clou
Height to Lens 5.1'	Humidity 55
Ground Elevation 131.7 ft.	Visiblity 3.3 m
Camera Make Nikon	Wave Height 1-2
Camera Model D800	Lighting Conditions Back & Side I
Focal Length 55mm	Sun Elevation 12.
Field of View 124° x 55°	Sun Azimuth 224.
View Bearing (True) 127°	









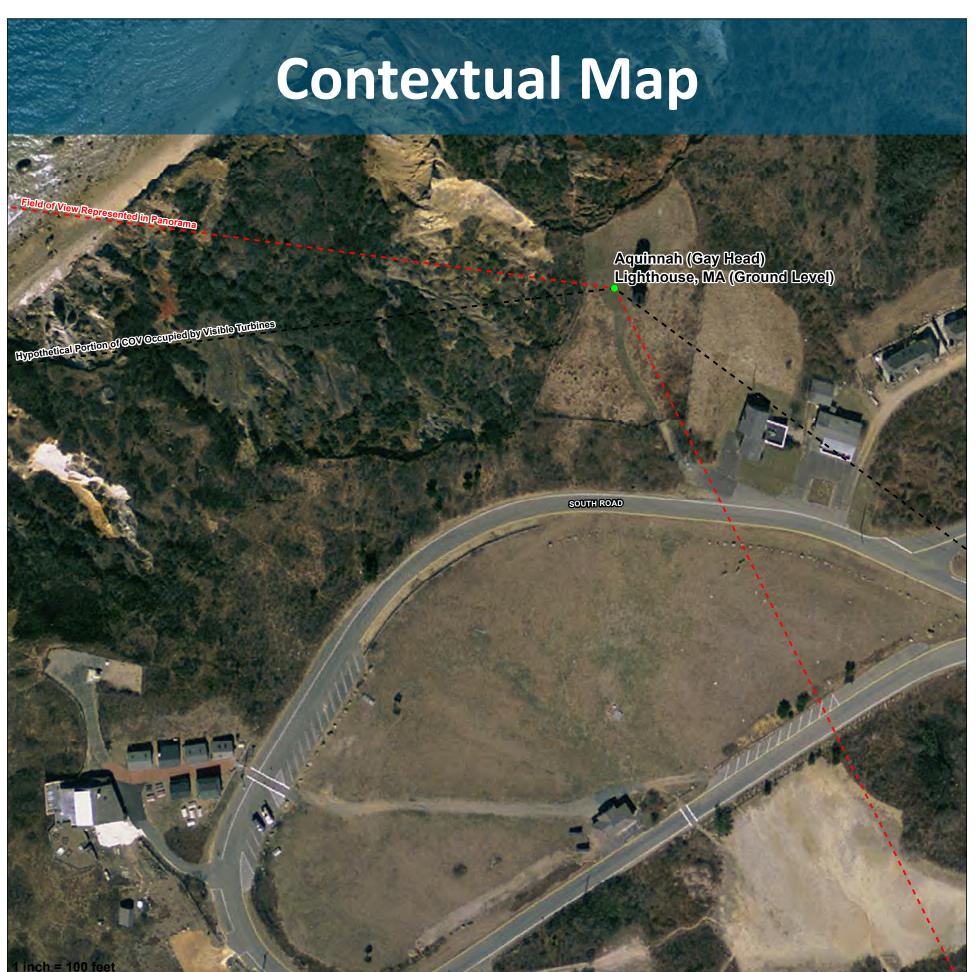


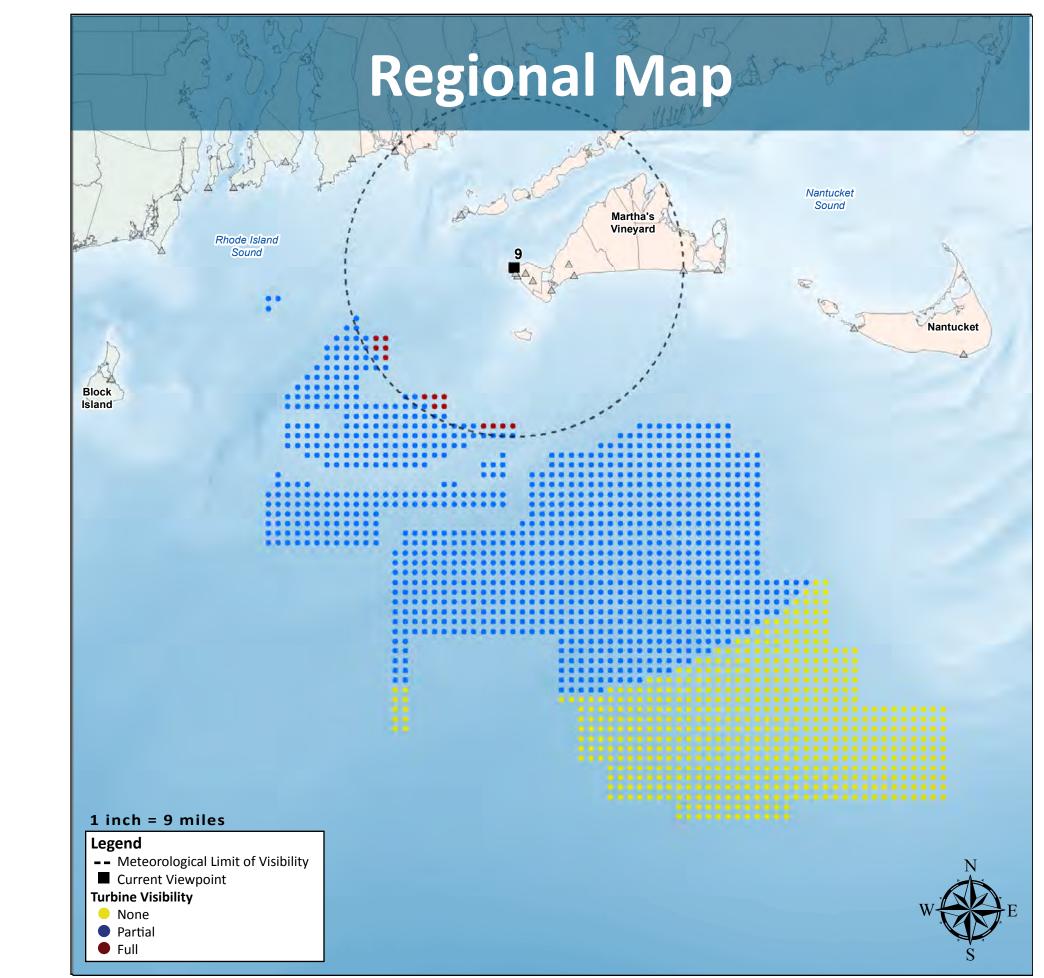
Aquillian (Gay i	Head) Lighthouse, MA
Date June 21, 2014	Nearest Visible Turbine*13.9 mi.
Time 1500	Furthest Visible Turbine* 41.3 mi
Camera Coordinates UTM Z19 FT	Number of Turbines Visible* 1029
Northing 15023141.780	Temperature65°F
Easting 1136750.304	Weather Conditions Sun & Clouds
Height to Lens 5.1'	Humidity 55%
Ground Elevation 131.7 ft.	Visiblity 3.3 mi.
Camera Make Nikon	Wave Height 1-2 ft.
Camera Model D800	Lighting Conditions Back & Side Lit
Focal Length 55mm	Sun Elevation 12.8°
Field of View 124° x 55°	Sun Azimuth 224.4°
View Bearing (True) 127°	









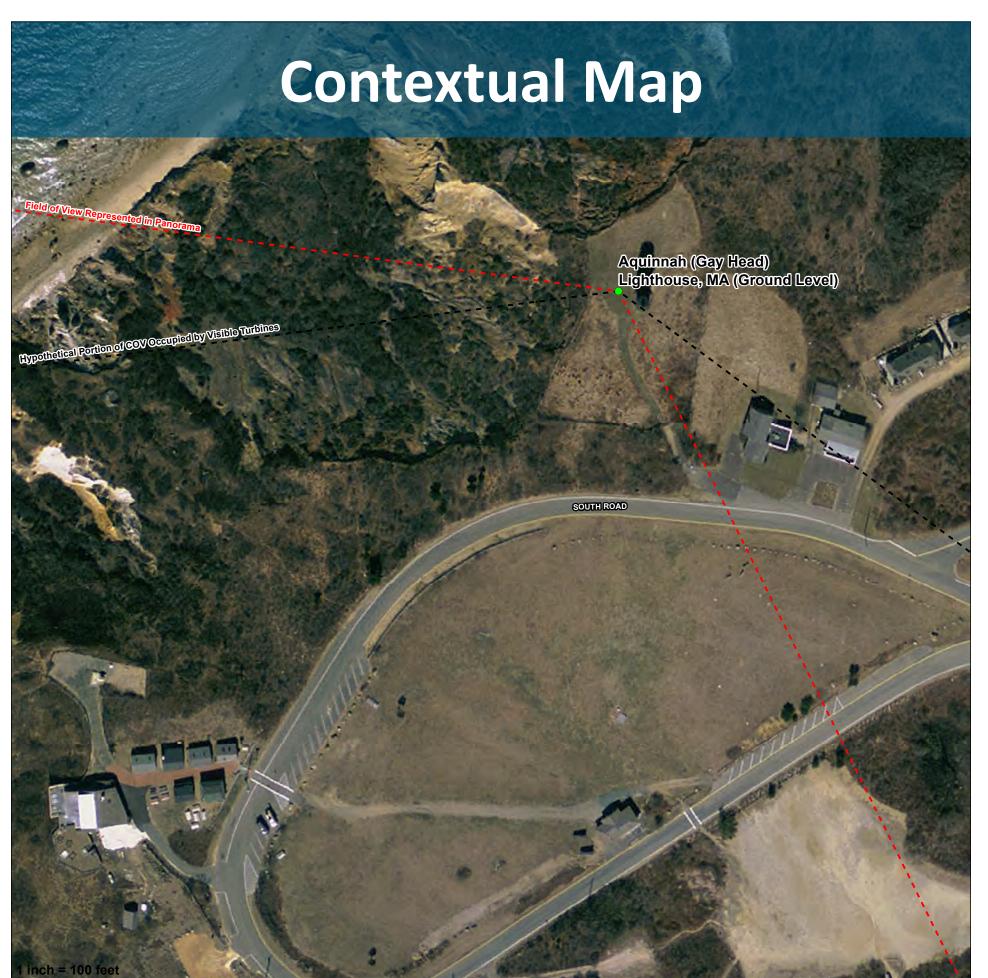


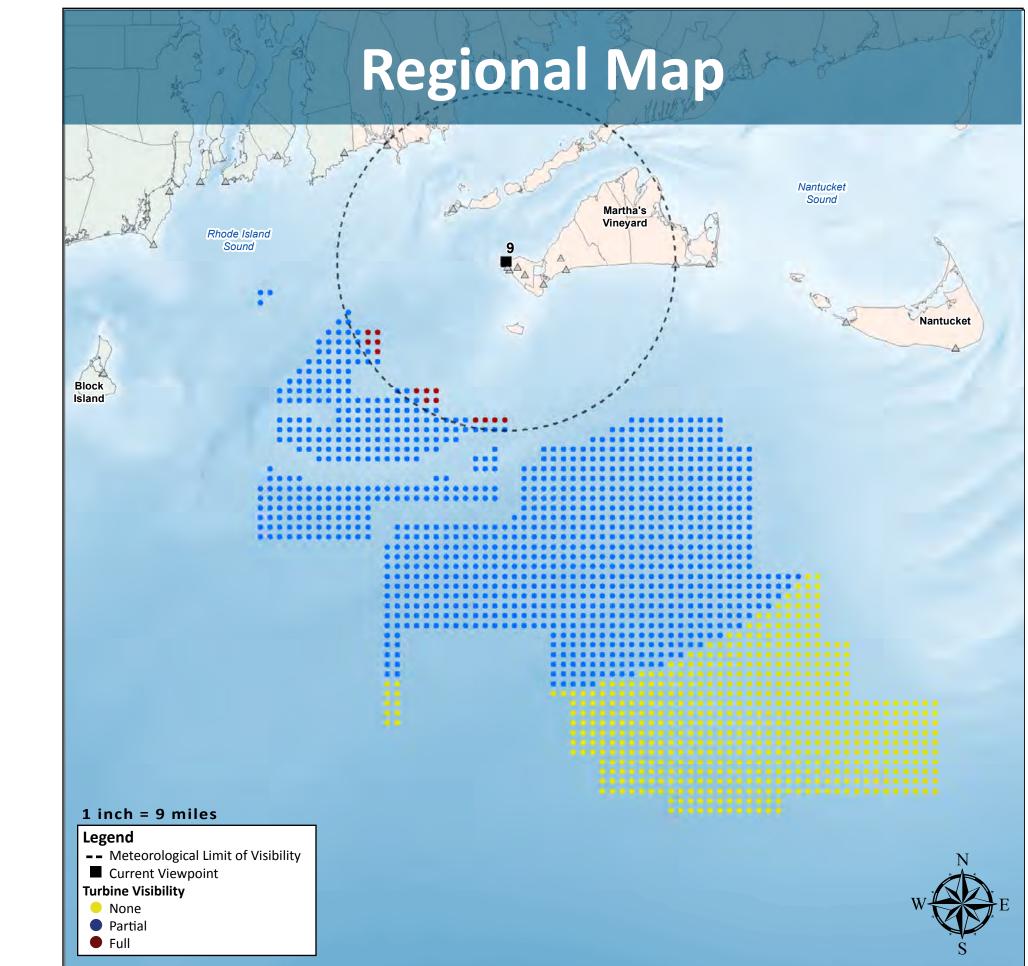
Data Contombor 21 2014	Necrest Visible Turkins*
Date September 21, 2014	Nearest Visible Turbine*13.9 mi.
Time 0800	Furthest Visible Turbine* 41.3 mi
Camera Coordinates UTM Z19 FT	Number of Turbines Visible* 1029
Northing 15023141.780	Temperature40°F
Easting 1136750.304	Weather Conditions Sun & Clouds
Height to Lens 5.1'	Humidity
Ground Elevation 131.7 ft.	Visiblity
Camera Make Nikon	Wave Height 1-2 ft.
Camera Model D800	Lighting Conditions Back & Side Lit
Focal Length 55mm	Sun Elevation
Field of View 124° x 55°	Sun Azimuth 224.4°
View Bearing (True) 127°	











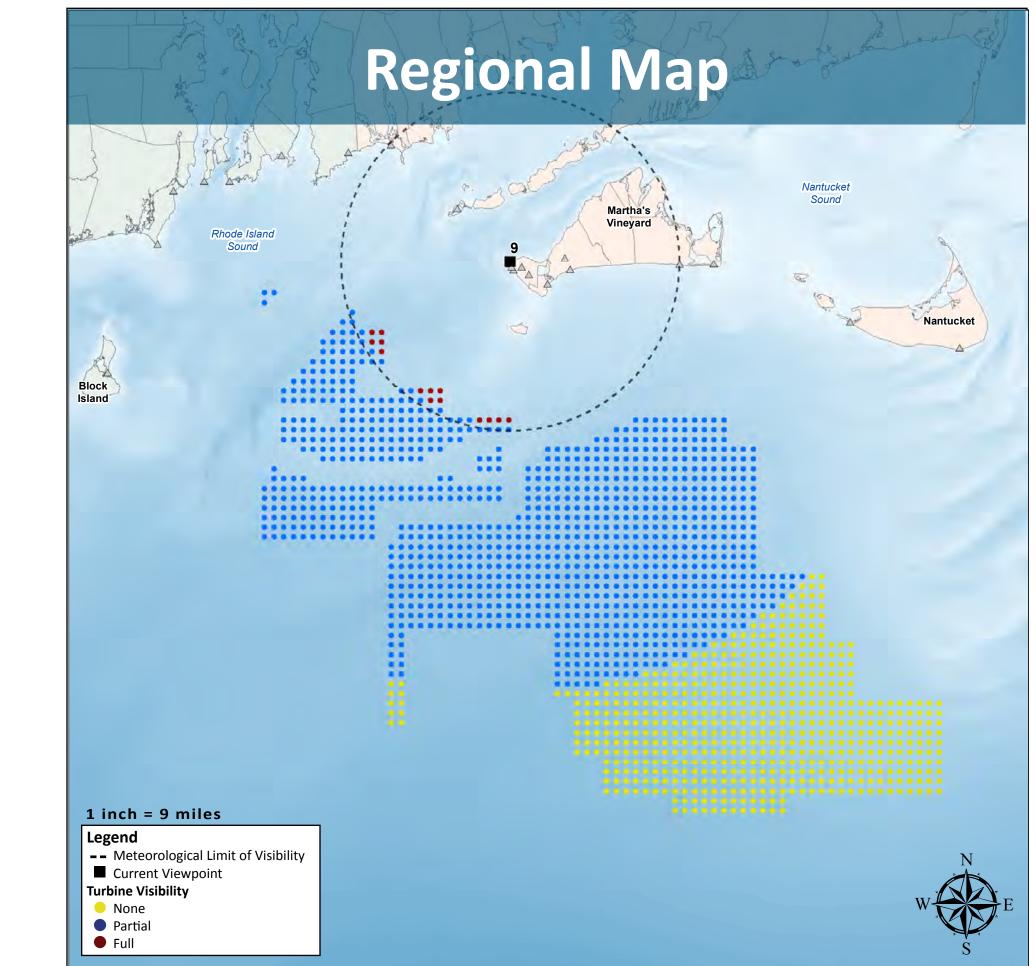
Date September 21, 2014	Nearest Visible Turbine*13.9
Time 1200	Furthest Visible Turbine* 41.3
Camera Coordinates UTM Z19 FT	Number of Turbines Visible* 1
Northing 15023141.780	Temperature6
Easting 1136750.304	Weather Conditions Sun & Clo
Height to Lens 5.1'	Humidity
Ground Elevation 131.7 ft.	Visiblity
Camera Make Nikon	Wave Height 1-2
Camera Model D800	Lighting Conditions Back & Side
Focal Length 55mm	Sun Elevation
Field of View 124° x 55°	Sun Azimuth 224
View Bearing (True) 127°	











Viewpoint & Project Data Aquinnah (Gay Head) Lighthouse, MA		
Date	September 21, 2014	Nearest Visible Turbine*13.9 m
Time	1500	Furthest Visible Turbine* 41.3 m
Camera Coordinates	UTM Z19 FT	Number of Turbines Visible* 102
Northing	15023141.780	Temperature56
Easting	1136750.304	Weather Conditions Sun & Cloud
Height to Lens	5.1'	Humidity 55
Ground Elevation	131.7 ft.	Visiblity
Camera Make	Nikon	Wave Height 1-2 1
Camera Model	D800	Lighting Conditions Back & Side L
Focal Length	55 m m	Sun Elevation
Field of View	124° x 55°	Sun Azimuth 224.
View Bearing (True)	127°	



