Lava Ridge Wind Project

Draft Environmental Impact Statement

January 2023

VOLUME 4j

Appendix 5. Select Visual Resources Simulations (10 of 13)

KOP 2: Minidoka National Historic Site – Block 22 Barracks (Morning) – Alternative B

KOP 2: Minidoka National Historic Site – Block 22 Barracks (Morning) – Alternative C

KOP 2: Minidoka National Historic Site - Block 22 Barracks (Morning) - Alternative D

KOP 2: Minidoka National Historic Site - Block 22 Barracks (Morning) - Alternative E



Prepared by:

U.S. Department of the Interior Bureau of Land Management

In Cooperation with:

National Park Service
U.S. Army Corps of Engineers
U.S. Fish and Wildlife Service
State of Idaho
Jerome County
Lincoln County
Minidoka County

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Mission

The Bureau of Land Management's mission is to sustain the health, diversity, and productivity of public lands for the use and enjoyment of present and future generations.

U.S. Department of the Interior Bureau of Land Management 400 West F Street Shoshone, Idaho 83352

DOI-BLM-ID-T030-2021-0015-EIS



Date: 11-13-21

Photo Time:

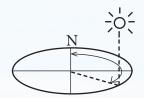
7:50 am

Visibility:



Air Quality: Good

Sun Azimuth:



118.2°

Sun Angle:

3.26°

Lighting Angle on Project:

Side Lit

Wind:

10 mph

Temperature (°F):

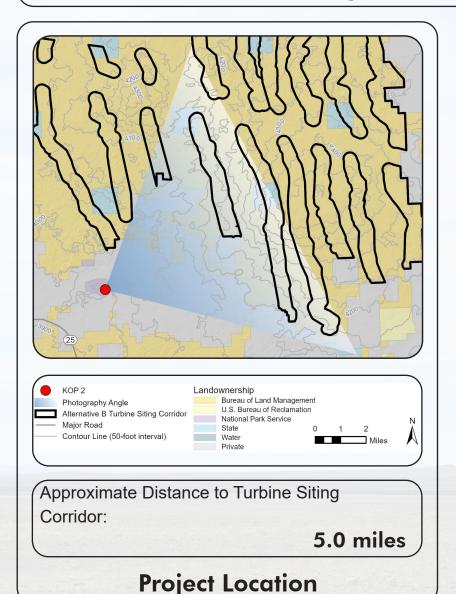
34°F

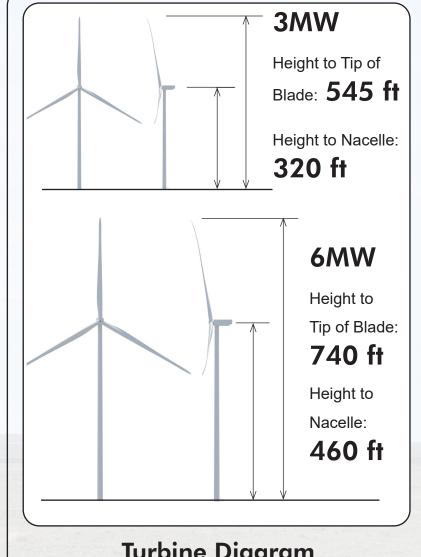
Turbines facing 270 degrees westward

Turbine Paint Color Approximated in Simulation Process: RAL Color Standard (RAL Number 7035 [Light Grey])

Simulation was prepared using information provided by client. Locations, colors, and heights may vary based on final engineering and design.

Lava Ridge Wind EIS – Alternative B





Turbine Diagram

Extent of Single Frame Simulation

KOP 2: Minidoka National Historic Site – **Block 22 Barracks**

Base Photographic Documentation

42.679553 Latitude (°):

-114.242237 Longitude (°):

3970 Viewpoint Elevation (ft):

Camera Height (meters): 1.5

Camera Heading (degrees):

70

Camera Make & Model:

Nikon D5600

Camera Sensor Size (mm):

23.6 x 15.6

Crop Factor:

1.53

Lens Make & Model:

AF-P Nikkor

Lens Focal Length (mm):

32

Image Size (pixels):

6000 x 4000

Single frame simulation approximates 50mm full frame equivalent.

Viewing Instructions: Printed at 100% the resulting simulation is 16 inches wide by 10 inches high. At this size and focal length, the simulation should be viewed at arms length (24 inches). If viewed on a computer monitor, scale should be 100%.















Sunny

Date: **11-13-21** Photo Time:

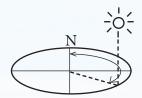
7:50 am

Visibility:



Air Quality: Good

Sun Azimuth:



118.2°

Sun Angle:

 3.26°

Lighting Angle on Project:

Side Lit

Wind:

10 mph

Temperature (°F):

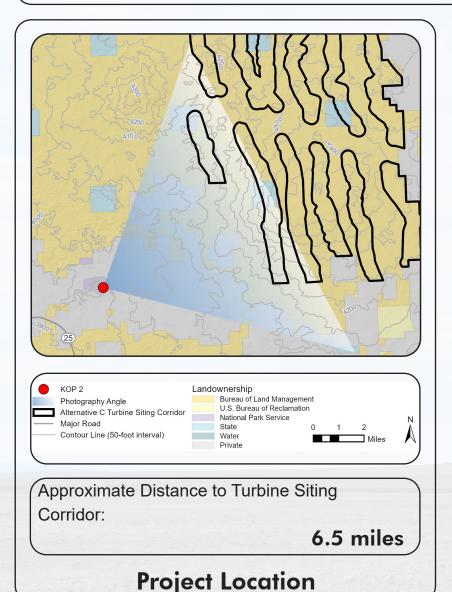
34°F

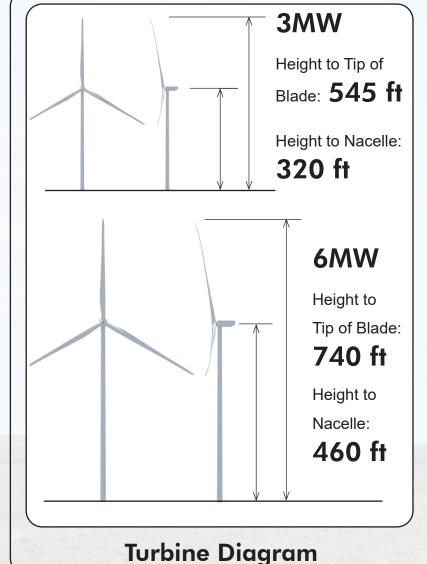
Turbines facing 270 degrees westward

Turbine Paint Color Approximated in Simulation Process: RAL Color Standard (RAL Number 7035 [Light Grey])

Simulation was prepared using information provided by client. Locations, colors, and heights may vary based on final engineering and design.

Lava Ridge Wind EIS – Alternative C





Extent of Single Frame Simulation

KOP 2: Minidoka National Historic Site – Block 22 Barracks

Base Photographic Documentation

Latitude (°): 42.679553

Longitude (°): -114.242237

Viewpoint Elevation (ft): **3970**

Camera Height (meters): 1.5

Camera Heading (degrees):

70

Camera Make & Model:

Nikon D5600

Camera Sensor Size (mm):

23.6 x 15.6

Crop Factor:

1.53

Lens Make & Model:

AF-P Nikkor

Lens Focal Length (mm):

32

Image Size (pixels):

6000 x 4000

Single frame simulation approximates 50mm full frame equivalent.

Viewing Instructions: Printed at 100% the resulting simulation is 16 inches wide by 10 inches high. At this size and focal length, the simulation should be viewed at arms length (24 inches). If viewed on a computer monitor, scale should be 100%.















11-13-21

Photo Time:

Date:

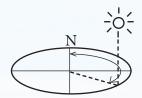
Sunny 7:50 am

Visibility:



Air Quality: Good

Sun Azimuth:



118.2°

Sun Angle:

3.26°

Lighting Angle on Project:

Side Lit

Wind:

10 mph

Temperature (°F):

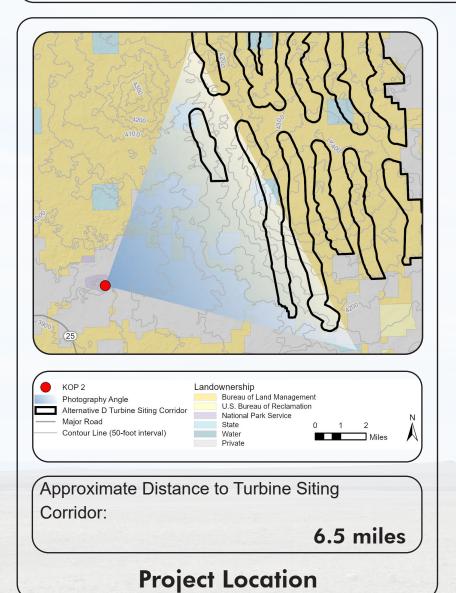
34°F

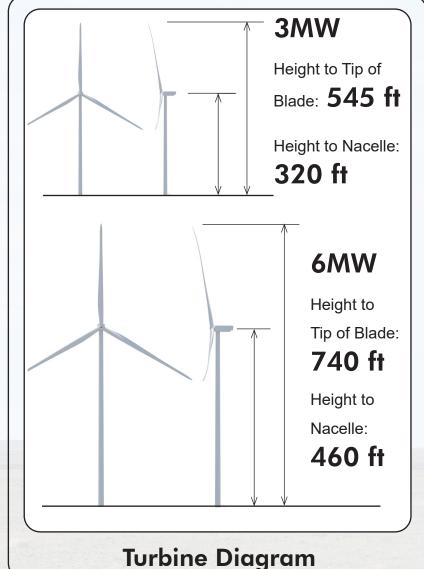
Turbines facing 270 degrees westward

Turbine Paint Color Approximated in Simulation Process: RAL Color Standard (RAL Number 7035 [Light Grey])

Simulation was prepared using information provided by client. Locations, colors, and heights may vary based on final engineering and design.

Lava Ridge Wind EIS – Alternative D





Extent of Single Frame Simulation

KOP 2: Minidoka National Historic Site – Block 22 Barracks

Base Photographic Documentation

Latitude (°): 42.679553

Longitude (°): -114.242237

Viewpoint Elevation (ft): **3970**

Camera Height (meters): 1.5

Camera Heading (degrees):

70

Camera Make & Model:

Nikon D5600

Camera Sensor Size (mm):

23.6 x 15.6

Crop Factor:

1.53

Lens Make & Model:

AF-P Nikkor

Lens Focal Length (mm):

32

Image Size (pixels):

6000 x 4000

Single frame simulation approximates 50mm full frame equivalent.

Viewing Instructions: Printed at 100% the resulting simulation is 16 inches wide by 10 inches high. At this size and focal length, the simulation should be viewed at arms length (24 inches). If viewed on a computer monitor, scale should be 100%.















11-13-21

Sunny

Photo Time: 7:50 am

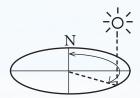
Date:

Visibility:



Air Quality: Good

Sun Azimuth:



118.2°

Sun Angle:

3.26°

Lighting Angle on Project:

Side Lit

Wind:

10 mph

Temperature (°F):

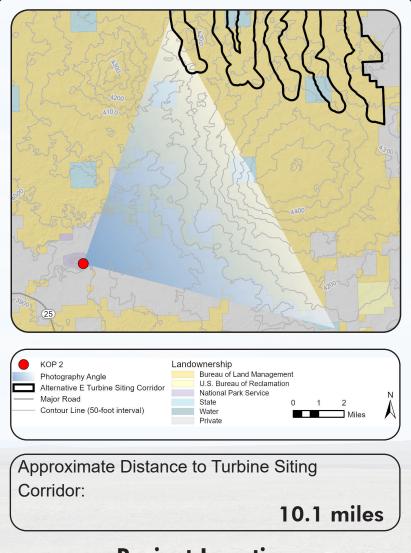
34°F

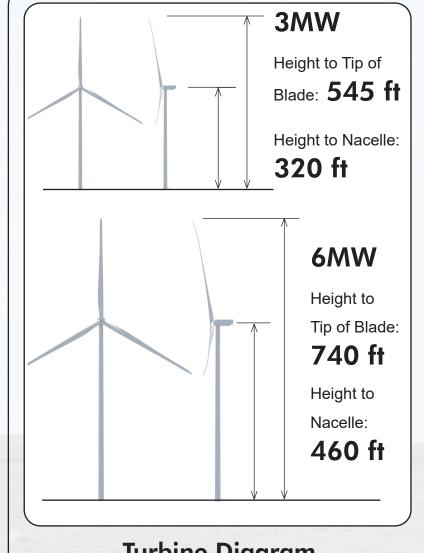
Turbines facing 270 degrees westward

Turbine Paint Color Approximated in Simulation Process: RAL Color Standard (RAL Number 7035 [Light Grey])

Simulation was prepared using information provided by client. Locations, colors, and heights may vary based on final engineering and design.

Lava Ridge Wind EIS - Alternative E





Project Location



KOP 2: Minidoka National Historic Site – **Block 22 Barracks** Base Photographic Documentation 42.679553 Latitude (°): -114.242237 Longitude (°):

3970 Viewpoint Elevation (ft):

Camera Height (meters): 1.5

Camera Heading (degrees):

70

Camera Make & Model:

Nikon D5600

Camera Sensor Size (mm):

23.6 x 15.6

Crop Factor:

1.53

Lens Make & Model:

AF-P Nikkor

Lens Focal Length (mm):

32

Image Size (pixels):

6000 x 4000

Single frame simulation approximates 50mm full frame equivalent.



Viewing Instructions: Printed at 100% the resulting simulation is 16 inches wide by 10 inches high. At this size and focal length, the simulation should be viewed at arms length (24 inches). If viewed on a computer monitor, scale should be 100%.











