Lava Ridge Wind Project

Draft Environmental Impact Statement

January 2023

VOLUME 4d

Appendix 5. Select Visual Resources Simulations (4 of 13)

KOP 1: Minidoka National Historic Site - Visitor Center (Morning) - Alternative D



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

Sun and Weather



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

Sunny

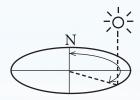
10:05 am

Visibility:



Air Quality: Good

Sun Azimuth:



145.08°

Sun Angle:

21.77°

Lighting Angle on Project:

Front Lit

Wind:

10 mph

Temperature (°F):

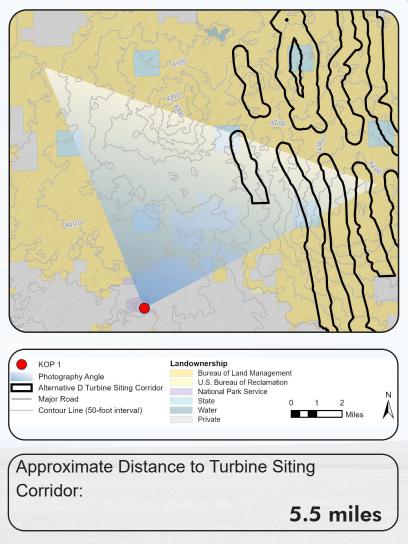
40°F

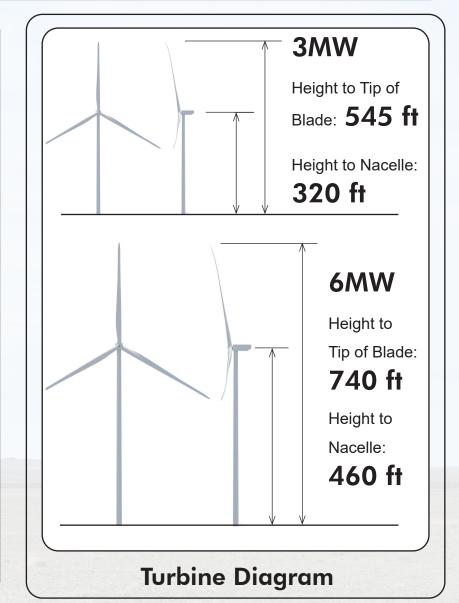
Turbines facing 270 degrees westward

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





Project Location



KOP 1: Minidoka National Historic Site – Visitor Center

Base Photographic Documentation

Latitude (°): 42.679207

Longitude (°): -114.24372

Viewpoint Elevation (ft): 3970

Camera Height (meters): 1.5

Camera Heading (degrees):

20

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%.













Sun and Weather



Date: 11-13-21

Photo Time:

Sunny

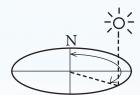
10:05 am

Visibility:



Air Quality: Good

Sun Azimuth:



 145.08°

Sun Angle:

21.77°

Lighting Angle on Project: **Front Lit**

Wind:

10 mph

Temperature (°F):

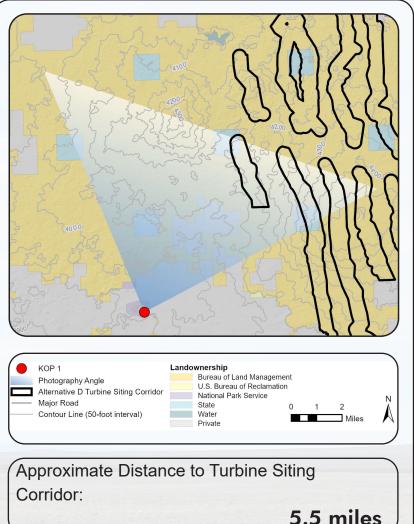
40°F

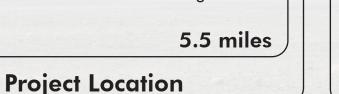
Turbines are oriented for simulated worst case condition at 210 degrees southwest for approximately 2% of year.

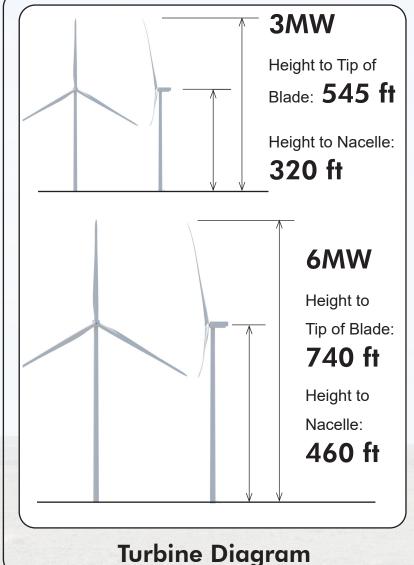
Turbine Paint Color Approximated in Simulation Process: RAL Color Standard (RAL Number 7035 [Light Grey])

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 – Worst Case Scenario









KOP 1: Minidoka National Historic Site – **Visitor Center**

Base Photographic Documentation

42.679207 Latitude (°):

Longitude (°): -114.24372

3970 Viewpoint Elevation (ft):

Camera Height (meters): 1.5

Camera Heading (degrees):

20

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%.







KOP 1: Minidoka National Historic Site Visitor Center (3MW) - Simulated Worst Case Condition - Alt. D



KOP 1: Minidoka National Historic Site Visitor Center (3MW) - Simulated Worst Case Condition Project Orientation - Alt. D



KOP 1: Minidoka National Historic Site Visitor Center (6MW) - Simulated Worst Case Condition - Alt. D



KOP 1: Minidoka National Historic Site Visitor Center (6MW) - Simulated Worst Case Condition Project Orientation - Alt. D