



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

Lava Ridge Wind Project

Draft Environmental Impact Statement

January 2023

VOLUME 4i

Appendix 5. Select Visual Resources Simulations (9 of 13)

KOP 1: Minidoka National Historic Site – Visitor Center (Afternoon) – 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

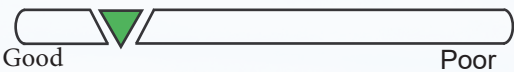
Sun and Weather



Partly Cloudy

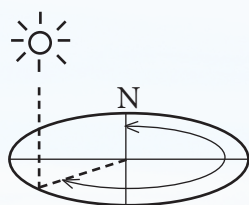
Date: 11-12-21
Photo Time: 3:55 pm

Visibility:



Air Quality: Good

Sun Azimuth:



229.95°

Sun Angle: 13.08°

Lighting Angle on Project: Side Lit

Wind:

10 mph

Temperature (°F):

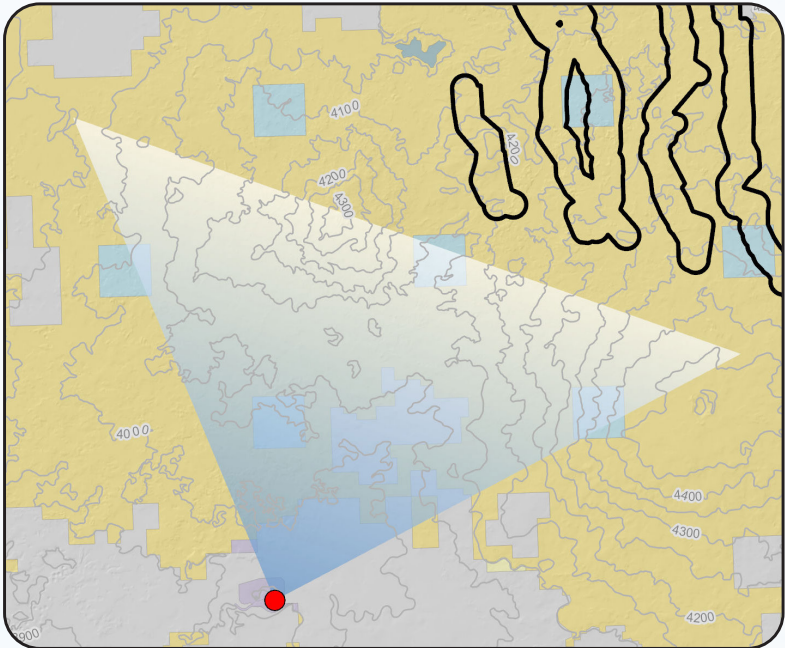
47°F

Turbines facing 270 degrees westward

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

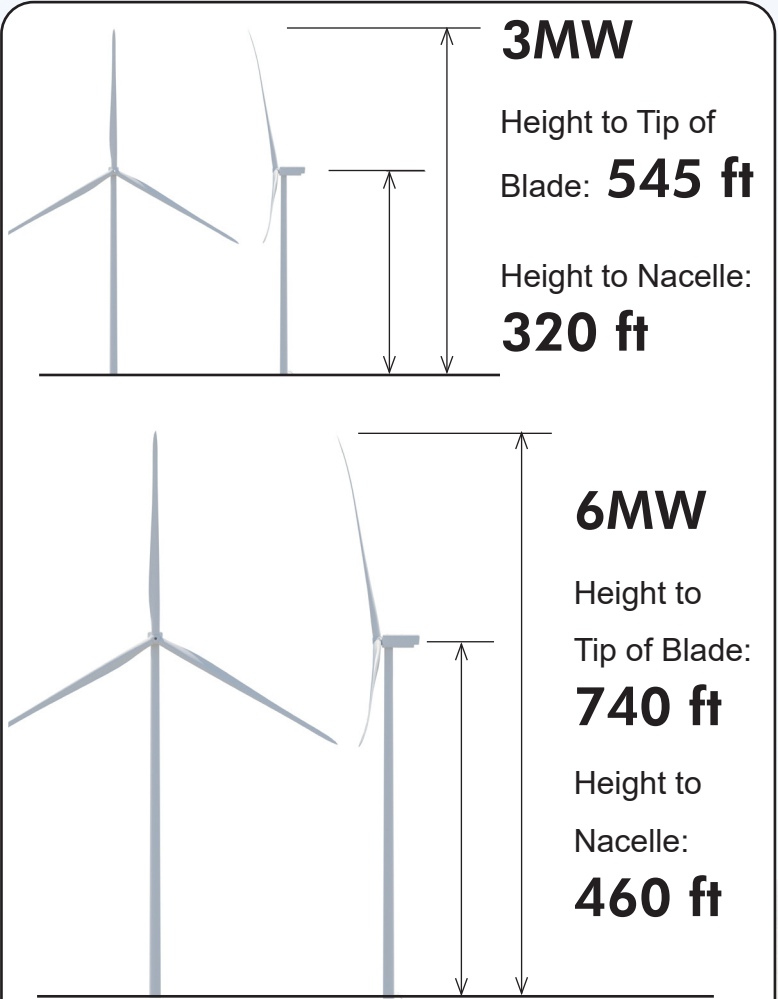
Simulation was prepared using information provided by client. Locations, colors, and heights may vary based on final engineering and design.

Lava Ridge Wind EIS – Alternative E



Approximate Distance to Turbine Siting Corridor: 8.5 miles

Project Location



Turbine Diagram

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%.



Extent of Single Frame Simulation



KOP 1: Minidoka National Historic Site Visitor Center - Existing Condition



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

This image does not represent a simulated condition. The purpose of this image is to highlight the modeled location of turbines which may otherwise be difficult for viewers to discern in the simulated condition.



KOP 1: Minidoka National Historic Site Visitor Center (3MW) - Project Orientation - Alt. E



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

This image does not represent a simulated condition. The purpose of this image is to highlight the modeled location of turbines which may otherwise be difficult for viewers to discern in the simulated condition.

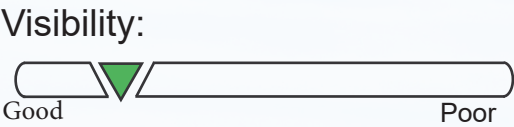


KOP 1: Minidoka National Historic Site Visitor Center (6MW) - Project Orientation - Alt. E

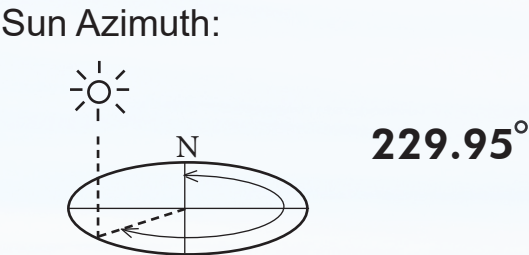
Sun and Weather



Date:
11-12-21
Photo Time:
3:55 pm



Air Quality: Good



Sun Angle: **13.08°**
Lighting Angle on Project: **Side Lit**

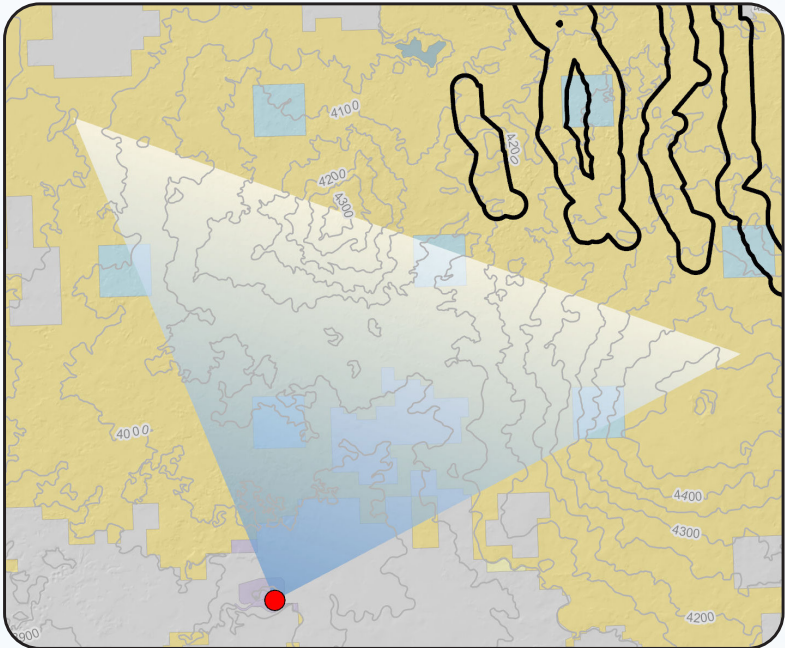
Wind: **10 mph**
Temperature (°F): **47°F**

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])

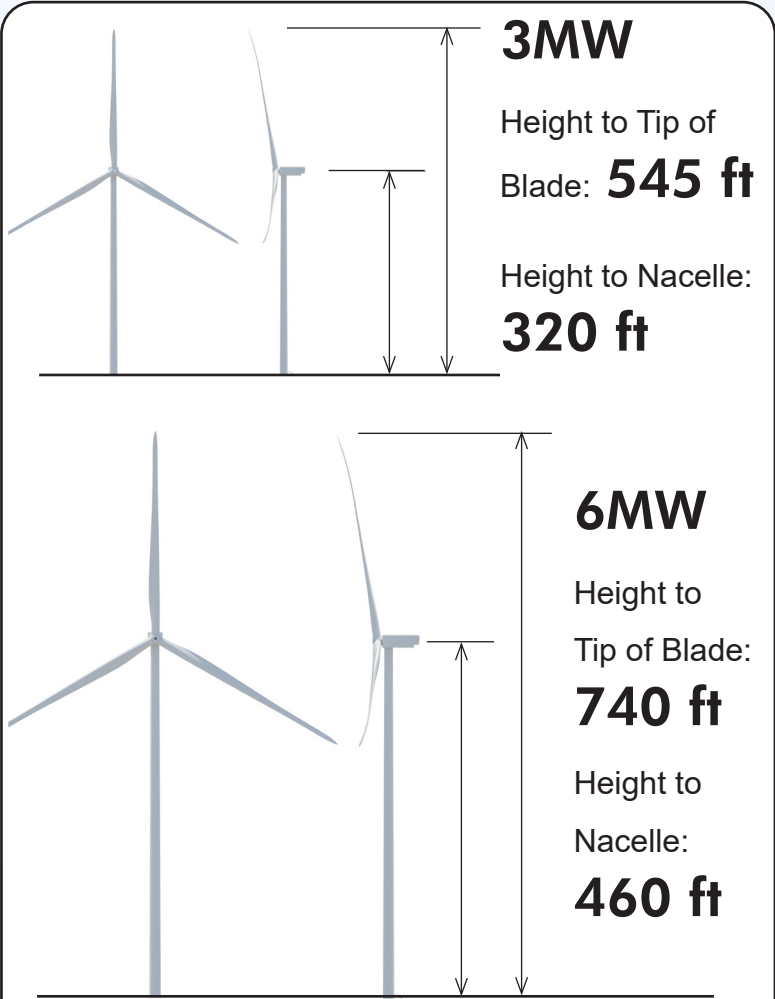
Simulation was prepared using information provided by client. Locations, colors, and heights may vary based on final engineering and design.

Lava Ridge Wind EIS – Alternative E – Worst Case Scenario



Approximate Distance to Turbine Siting Corridor:
8.5 miles

Project Location



Turbine Diagram



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%.





KOP 1: Minidoka National Historic Site Visitor Center - Existing Condition



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

This image does not represent a simulated condition. The purpose of this image is to highlight the modeled location of turbines which may otherwise be difficult for viewers to discern in the simulated condition.



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



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

This image does not represent a simulated condition. The purpose of this image is to highlight the modeled location of turbines which may otherwise be difficult for viewers to discern in the simulated condition.



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