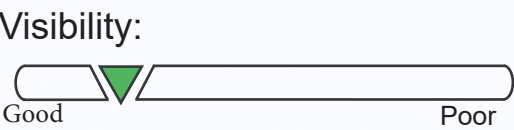


Sun and Weather

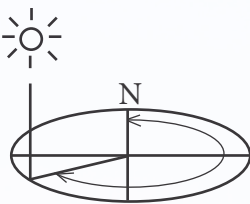


Date: **7-8-24**
Photo Time: **5:20 pm**



Air Quality: **Good**

Sun Azimuth (degrees): **272.94**



Sun Angle (degrees): **38.87**

Lighting Angle on Project: **Side**

Wind: **15 mph**

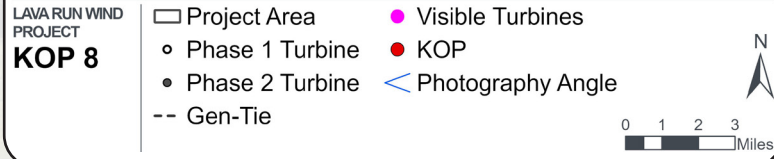
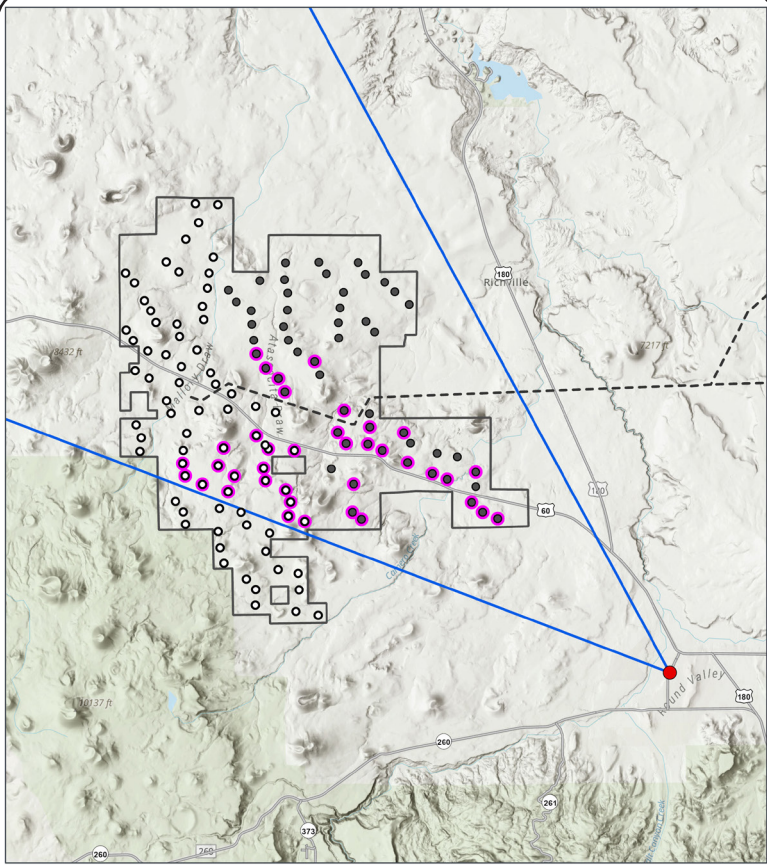
Cloud Cover: **20 %**

Temperature (°F): **90° F**

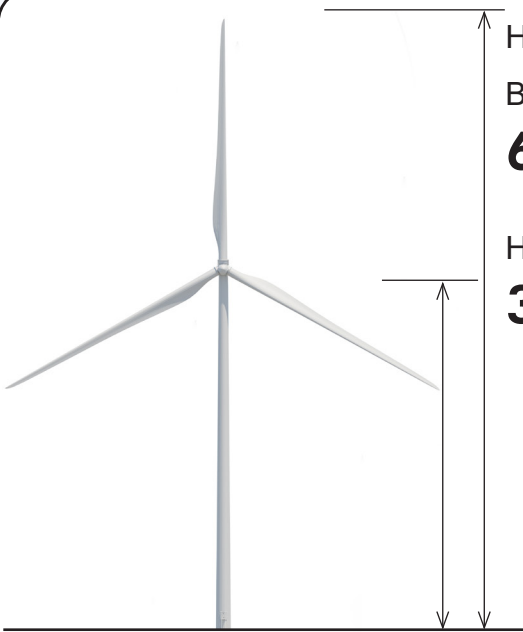
Turbines facing 247.5 degrees west-southwest

Simulation was prepared using information provided by client, "LRW_10% Design for Survey Corridors_20241018" dated October 24, 2024. Locations, colors, and heights may vary based on final engineering and design.

Lava Run Wind Energy Project



KOP Location and Visible Elements



Height to Tip of Blade:
654 feet

Height to Nacelle:
387 feet

Visual simulations developed using the tallest turbine under consideration (654 feet). Simulations include 132 total turbines (112 primary locations and 20 alternate locations). This presents more turbines than proposed for installation and allows for review of visual impact of all possible turbine locations.

Structure Diagram



Extent of Single Frame Simulation

KOP 8 - Springerville/
Eagar City Limits on
Main Street

Base Photographic Documentation

Latitude, Longitude (degrees):
34.125466, -109.290542

Viewpoint Elevation (feet):
6,985

Camera Height (meters):
1.5

Camera Heading (degrees):
310

Camera Make & Model:
Canon EOS 5D Mark IV

Camera Sensor Size (mm):
36 x 24 Full Frame

Lens Make & Model:
AF-P Nikkor

Lens Focal Length (mm):
50

Image Size (pixels):
6720 x 4480

Approximate Distance to
Nearest Turbine in Simulation:
6.3 miles

Number of Turbines Visible in
Simulation:
38

Approximate Distance to
Nearest Gen-Tie in Simulation:
**Gen-Tie is not visible in
simulation**

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%.

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KOP 8: View from Springerville/Eagar City Limits on Main Street looking northwest - Existing Condition



KOP 8: View from Springerville/Eagar City Limits on Main Street looking northwest - Simulated Condition

This image illustrates the turbines in color to highlight the modeled turbine locations that may otherwise be difficult to discern in the simulated conditions.



KOP 8: View from Springerville/Eagar City Limits on Main Street looking northwest - Simulated Condition with color overlay