Visual Simulations

KOP002 The Buttes - Hwy 287

Late Afternoon

GE 3.0MW

Simulation Data

Photograph Information

Photo Name 200508_DSC_0534_MIN_Sim.JPG
Date of Photograph 09/25/19
Time of Photograph 5:02 PM
Latitude 41.160938°
Longitude -105.577750°
Ground Elevation + Tripod Height 2248m
Photograph Settings ISO 200 1/400sec. f/10

Camera Specifications

Camera Make and Model Nikon D90
Sensor Size Nikon APS-C (23.6x15.8mm)
Lens Make and Model AF-S DX NIKKOR 35mm f/1.8G
Lens Focal Length 35mm prime
35mm Equivalent Focal Length 53.55mm

Sun and Weather Information

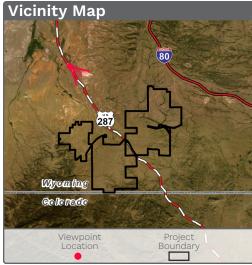
Sun Angle/Azimuth	249°
Sun Elevation	20°
Weather Conditions	Partly Cloudy



Number of Turbines	149
Make and Model	GE 3.0MW
Upper Blade Tip Height	152.5m
Lower Blade Tip Height	31m
Indicative Hub Height	89m
Rotor Diameter	127m



Rail Tie Wind Project



Viewing Instructions

The single-frame simulation on the following page should be printed at 11 by 17 inches; full size with no scaling; and viewed at arm's length (24 inches).

If viewed on a computer monitor, the document should be scaled to 100 percent and viewed at arm's length (24 inches).







KOPOO2 The Buttes - Hwy 287 Late Afternoon, viewing Southeast GE 3.0MW, Minimum Turbine Height Scenario

Rail Tie Wind Project

Visual Simulations

KOP002 The Buttes - Hwy 287

Late Afternoon

Vestas V162-5.6MW

Simulation Data

Photograph Settings

Photograph Information

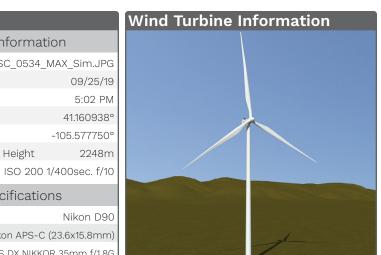
Photo Name 191130_DSC_0534_MAX_Sim.JPG
Date of Photograph 09/25/19
Time of Photograph 5:02 PM
Latitude 41.160938°
Longitude -105.577750°
Ground Elevation + Tripod Height 2248m

Camera Specifications

Camera Make and Model Nikon D90
Sensor Size Nikon APS-C (23.6x15.8mm)
Lens Make and Model AF-S DX NIKKOR 35mm f/1.8G
Lens Focal Length 35mm prime
35mm Equivalent Focal Length 53.55mm

Sun and Weather Information

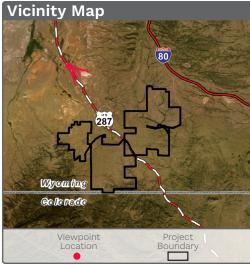
Sun Angle/Azimuth 249°
Sun Elevation 20°
Weather Conditions Partly Cloudy



Number of Turbines	87
Make and Model	Vestas V162-5.6MW
Upper Blade Tip Height	206m
Lower Blade Tip Height	44m
Indicative Hub Height	125m
Rotor Diameter	162m



Rail Tie Wind Project



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KOPOO2 The Buttes - Hwy 287 Late Afternoon, viewing Southeast Vestas V162-5.6MW, Maximum Turbine Height Scenario

Rail Tie Wind Project