

DOCKETED

Docket Number:	23-OPT-01
Project Title:	Fountain Wind Project
TN #:	251196
Document Title:	FtnWindVisAdd_AppA_VIS-06_FtnWindVisual_CECvisTable_v3
Description:	N/A
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CEC Data Request VIS-06: (Provide a) table that describes the dimensions (height, length, and width, or diameter) and proposed color(s), materials, finishes, patterns, and other proposed design characteristics of each major component visible from public viewpoints beyond the project site shall be provided. The table shall include wind turbines, electrical collector lines, operations and maintenance buildings, meteorological towers, and any other built project components that would be visible to the public.

Table VIS-06. Approximate Dimensions and Colors, Materials, and Finishes of Major Project Components

Component	Turbines (V162)				Overhead Collector Line		Aboveground Facilities							
Subcomponent	Nacelle	Hub	Blade	Tower (sections)	Poles	Conductor	MET	Substation	Switching Station	O&M Facility	Storage Sheds	Concrete Batch Plant	Microwave Relay Tower (if required)	Access Roads
Dimensions	Height: 12.5 feet Width: 21.3 feet Length: 41.7 feet	Height: 16.1 feet Width: 14.4 feet Length: 16.1 feet Base to hub height: up to 328 feet	Height: 10.5 feet Width: 14.4 feet Length: 261.2 feet Base to blade tip height: up to 610 feet	Height: between 31.2 and 75.1 feet each	Height: up to 90 feet	Height: 20 – 30 feet Length: up to 5 miles	Height: up to 394 feet Width (Base): 30 feet	5 acres	8 acres	Typical (on 5 acres) - Height: 15 feet Width: 80 feet Length: 70 feet	10 feet by 20 feet	Mobile plant (typical) Height: 55 feet Width: 30 feet Length: 80 feet Within 15 acres (temporary)	Height: 150 feet	Width: 20 feet Length: up to 19 miles
Color	white	white	white	white	brown or gray	gray	aviation-safe orange and white	gray	gray	white and gray	multi	--	gray	gray
Materials	fiberglass	cast iron	fiberglass, carbon fiber, metal	steel	wood or steel	aluminum	steel	metal and concrete	metal and concrete	steel and concrete	painted steel	--	steel	gravel or dirt
Finish (reflectance)	moderate	moderate	low	low	low to moderate	low	moderate	low to moderate	low to moderate	low to moderate	moderate	--	moderate	low