

Chokecherry and Sierra Madre Wind Energy Project

Project Description

The Phase I Wind Turbine Development for the Chokecherry and Sierra Madre Wind Energy Project (CCSM) consists of 500 wind turbines along with associated facilities and infrastructure designed to provide approximately 1,500 megawatts (MW) of clean, renewable wind energy.

The Phase I Wind Turbine Development is located in the westernmost portions of the Chokecherry and Sierra Madre Wind Development Areas; each component has been micro-sited to avoid and minimize impacts to natural and cultural resources while maximizing the efficiency of the CCSM Project.

The Phase I Wind Turbine Development includes:

- 500 wind turbines
- Approximately 170 miles of access roads
- Approximately 65 miles of overhead collection and transmission lines
- Nine meteorological towers
- Two water stations
- Three long-term facilities:
 - Operations Center
 - Chokecherry Maintenance Building
 - Sierra Madre Maintenance Building
- Temporary facilities including the construction camp and laydown yards

The long-term facilities are required to operate and maintain the CCSM Project, while the temporary facilities will be used to meet the CCSM Project needs during construction.

The initial disturbance for Phase I Wind Turbine Development would be approximately 3,441 acres and the long-term disturbance would be roughly 435 acres.