

HIGHLAND NEW WIND DEVELOPMENT

Approximate site plan for wind turbines

The attached map [below] shows the approximate location of the proposed turbines on Red Oak Knob and Tamarack Ridge, as well as some that were proposed earlier on Bear Mountain. There has never been an actual site plan – which is one of the problems with the application. The current application is for about 20 turbines on Red Oak Knob and Tamarack Ridge, north of US 250, near the WV border, west of Monterey and the Blue Grass Valley. The white, unforested, area in the SE corner is Blue Grass Valley. The VA-WV border runs north-south near the western edge of the map.

An earlier version of the project would also have had turbines on Bear Mountain, along Route 601, south of US 250, some of which might be located in WV. Those were included in maps provided to the USDA when the developer applied for a \$500K grant. Later, after that application triggered a NEPA review, the grant application was withdrawn, and now the application submitted to the county and to the SCC doesn't include the turbines south of US 250. It is possible that they will apply for those later.

The 69 kV transmission line that would carry the output of this project, if built, enters the map from Durbin, WV, in the NW corner, crosses Tamarack Ridge close to the first turbine site, crosses and parallels Laurel Fork, and crosses US 250 on the south flank of Red Oak Knob on its way to Monterey, off the map to the SE. This line would be insufficient if the Bear Mountain section is ever developed, in which case an additional transmission line would have to be built to the NW, probably 138 kV.

