

Concerns for the Teckla-Osage-Rapid City 230KV Transmission Line along W. Hwy 44

1. What is the actual route the new 230KV ROW after it crosses west Hwy 44? The current map shows it will run adjacent to the current 69KV line. How many feet will there be between the two ROWs and will any trees be left between the two ROWs?
2. Per a telephone conversation with Mark Carda (Project Manager) on 26 Aug. 2014. Mark told me at some point the ROW will require going on top of the ridge north of West Hwy 44. I have proposed two routes that would move the ROW north and on top of the ridge after it crosses Highway 44. This would limit the number of private properties (approximately 30 homes that are adjacent to the existing 69KV ROW) that it will impact. Attached See Map 1.
3. What are the effects of adding a 230KV line so close to the existing 69KV line such as effects on health of residents, erosion at the base of the ridge, electrical interference to cellphone tower signals, satellite television signals, and over air television signals?
4. If the new 230KV ROW runs adjacent (north) to the current 69KV ROW most of the trees at the base of the ridge will be cut down. Many of these trees are old Ponderosa Pines. This will have major impact on the scenic view of this area of Rimrock Highway (W. Hwy 44). Proposed routes will eliminate the issue along this portion of W. Hwy 44.

See attached map and photos:

Map 2 shows elevation of the ridge and how the ridgeline runs.

Photo 1 of where current 69KV line crosses Highway 44 it is very close to resident.

Photos 2 -6 are of the area north from Hisega Rd. to Carter Dr.

Photo 7 – 8 are typical size of Ponderosa Pine trees between the existing 69KV ROW and the base of the ridgeline. Shown from the top of the ridgeline.