Rolling Hills Substation to Energy Center Substation



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Description & Results

The Rolling Hills Substation to Energy Center Substation transmission line would be approximately 87 miles in length. The transmission line would begin at the new Rolling Hills Substation near Holcomb, Kansas, cross U.S. Highway 50 near the town of Lakin, Kansas, and end at the new Energy Center Substation near Hartman, Colorado.

Route refinement adjusted several segments to avoid homes and other land uses, among them an airport, a wastewater lagoon, and the Tyson-owned plant and feedlots. The route changes also maximized use of existing Tri-State lands.

Alternative 2 was identified as the proposed route because it would affect fewer homes as more landowners live closer to Highway 50. It also ranked well in soils, vegetation, and wildlife categories.

The alternative routes (3 and 5) were chosen because they ranked well across either the engineering or natural resource categories, particularly with respect to minimizing effects to water resources.

Siting Considerations

The proposed and alternative routes respond to scoping comments and additional ground and aerial surveillance. Several of the routes between substations were re-labeled for the sake of organization and consistency. The segments between Rolling Hills Substation and Energy Center Substation were re-labeled from "B" to "A".

Route-specific comments from scoping included:

- Prefer B3, B7, and B12
- Avoid B1 and B2

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- Prefer line stay west of Holcomb
- Avoid B7 (home would sit between two lines one mile apart)
- B7 and A3 possibly affecting eight quarter sections with three large lines in 3 mile area
- Move B4 to eastern border of section 30 (to avoid affecting scenic views)
- Prefers B9 to B5, B6, B7, and B8
- Avoid Little Lowe Rd.
 - Avoid B13



Proposed, alternative, and other routes are subject to change.

apart) a three large lines in 3 mile area ting scenic views)













