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# ENVIRONMENTAL AND LAND USE CRITERIA FOR TRANSMISSION LINE EVALUATION

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Length of alternative route  
Number of habitable structures within 300 feet of centerline of alternate routes  
Number of habitable structures in previous criterion within the same distances from the centerline of existing transmission lines  
Length of route using existing transmission line easement  
Length of ROW parallel to existing transmission line ROW  
Length of ROW not utilizing/paralleling to existing transmission line ROW  
Length of new ROW required for route  
Length of ROW paralleling apparent property lines  
Length of ROW parallel to other existing ROW (highway, pipeline, canals, etc.)  
Length of ROW across parks/recreational areas  
Number of additional parks/recreational areas within 1,000 feet of centerline of all routes  
Length of ROW across cropland  
Length of ROW across pastureland  
Length of ROW across mechanically irrigated pastureland or cropland  
Number of pipeline crossings  
Number of transmission line crossings  
Number of U.S. and state highway crossings  
Number of F.M. road crossings  
Number of county road crossings  
Number of cemeteries within 1,000 feet of the route centerline  
Number of heliports within 5,000 feet of centerline of all routes  
Number of private airstrips within 10,000 feet of centerline of all routes  
Number of FAA-listed airfields within 20,000 feet of centerline of all routes  
Number of commercial AM radio transmitters within 10,000 feet of centerline of all routes  
Number of FM radio transmitters, microwave towers, cellular telephone transmitters, etc. within 2,000 feet of centerline of all routes  
Number of signs/billboards crossed  
Estimated length of ROW within foreground visual zone of U.S. and state highways  
Estimated length of ROW within foreground visual zone<sup>2</sup> of FM and county roads  
Estimated length of ROW within foreground visual zone<sup>2</sup> of recreational or park areas  
Length of ROW through upland woodlands  
Length of ROW through bottomland/riparian woodlands  
Length of ROW across potential wetlands  
Length of ROW across known habitat of federal endangered/threatened species of plants or animals  
Number of known state rare/unique plant locations within the ROW  
Length of ROW across open water (lakes or ponds)  
Number of stream crossings  
Length of ROW parallel to streams within 100 feet  
Length of ROW across 100-year floodplains  
Number of recorded historic or prehistoric sites crossed  
Number of additional recorded historic or prehistoric sites within 1,000 of the centerline of all routes  
Number of National Register listed or determined-eligible sites crossed  
Number of additional National Register listed or determined-eligible sites within 1,000 feet of centerline of all routes  
Length of ROW through areas of high archaeological/historic site potential

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<sup>1</sup> Single-family and multi-family dwellings and related structures, mobile homes, apartment buildings, commercial structures, industrial structures, business structures, churches, hospitals, nursing homes, schools or other structures normally inhabited by humans or intended to be inhabited by humans on a daily or regular basis within 300 feet of the centerline of a transmission project of 230 kV or less.

<sup>2</sup> One-half mile, unobstructed