

7849.0330 TRANSMISSION FACILITIES.

The applicant shall provide data for each alternative that would involve construction of an LHVTL. The following information must be included:

A. for overhead transmission facilities:

(1) schematic diagrams that show the dimensions of the support structures and conductor configurations for each type of support structure that may be used;

(2) a discussion of the strength and distribution of the electric field attributable to the transmission facility, including the contribution of air ions if appropriate;

(3) a discussion of ozone and nitrogen oxide emissions attributable to the transmission facility;

(4) a discussion of radio and television interference attributable to the transmission facility; and

(5) a discussion of the characteristics and estimated maximum and typical levels of audible noise attributable to the transmission facilities;

B. for underground transmission facilities:

(1) the types and dimensions of the cable systems and associated facilities that would be used;

(2) the types and quantities of materials required for the cable system, including materials required for insulation and cooling of the cable; and

(3) the amount of heat released by the cable system in kilowatts per foot of cable length;

C. the estimated width of the right-of-way required for the transmission facility;

D. a description of construction practices for the transmission facility;

E. a description of operation and maintenance practices for the transmission facility;

F. the estimated work force required for construction and for operation and maintenance of the transmission facility; and

G. a narrative description of the major features of the region between the endpoints of the transmission facility. The region shall encompass the likely area for routes between the endpoints. The description should emphasize the area within three miles of the endpoints. The following information shall be described where applicable:

(1) hydrologic features including lakes, rivers, streams, and wetlands;

(2) natural vegetation and associated wildlife;

(3) physiographic regions; and

(4) land-use types, including human settlement, recreation, agricultural production, forestry production, and mineral extraction.

Statutory Authority: *MS s 216A.05; 216B.08; 216B.2421; 216B.243; 216C.10*

History: *L 1983 c 289 s 115; 12 SR 2624*

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