Appendix B

Route Permit Application – Alternative Process Completeness Checklist

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Authority	Required Information	Location in Application
Minn. Stat. § 216E.04, subd. 2(3)	**Alternative Review of Applications.** Alternative review is available for high voltage transmission lines of between 100 and 200 kV	§ 2.1; 2.2
Minn. Stat. § 216E.04, subd. 4; Minn. R. 7850.2800, Subp. 1(C)	Subpart 1. **Eligible Projects.** An applicant for a site permit or a route permit for one of the following projects may elect to follow the procedures of parts 7850.2800 to 7850.3900 instead of the full permitting procedures in parts 7850.1700 to 7850.2700: **high voltage transmission lines of between 100 and 200 kV**	§ 2.1; 2.2
Minn. R. 7850.2800, Subp. 2.	Subpart 2. **Notice to PUC.** An applicant for a permit for one of the qualifying projects in subpart 1, who intends to follow the procedures of parts 7850.2800 to 7850.3700, shall notify the PUC of such intent, in writing, at least ten days before submitting an application for the project	Appendix A
Minn. R. 7850.3100	**Contents of Application** (alternative permitting process) The applicant shall include in the application the same information required in part 7850.1900, except the applicant need not propose any alternative sites or routes to the preferred site or route. If the applicant has rejected alternative sites or routes, the applicant shall include in the application the identity of the rejected sites or routes and an explanation of the reasons for rejecting them	This document.
Minn. R. 7850.1900, Subp. 2 (applicable per Minn. R. 7850.3100)	**Route Permit for HVTL** A. a statement of proposed ownership of the facility at the time of filing the application and after commercial operation	§ 3.1
	B. the precise name of any person or organization to be initially named as permittee or permittees and the name of any other person to whom the permit may be transferred if transfer of the permit is contemplated	§ 3.1
	C. rejected alternative routes and the reasons for rejecting	§ 5.2
	D. a description of the proposed high voltage transmission line and all associated facilities including the size and type of the high voltage transmission line	§ 4.1; 4.2
	E. the environmental information required under 7850.1900, Subp. 3	Chapter 7
	F. identification of land uses and environmental conditions along the proposed routes	§ 7.1; 7.6-7.8
	G. the names of each owner whose property is within any of the proposed routes for the high voltage transmission line	Appendix D
	H. United States Geological Survey topographical maps or other maps acceptable to the chair showing the entire length of the high voltage transmission line on all proposed routes	Figure 1-2; Appendix C

Authority	Required Information	Location in Application
	I. identification of existing utility and public rights-of-way along or parallel to the proposed routes that have the potential to share right-of-way with the proposed line	§ 6.2
	J. the engineering and operational design concepts for the proposed high voltage transmission line, including information on the electric and magnetic fields of the transmission line	§ 4.1; 6.7
	K. cost analysis of each route, including the costs of constructing, operating, and maintaining the high voltage transmission line that are dependent on design and route	§ 4.2
	L. a description of possible design options to accommodate expansion of the high voltage transmission line in the future	§ 6.1
	M. the procedures and practices proposed for the acquisition and restoration of the right-of-way, construction, and maintenance of the high voltage transmission line	§ 6.3 - 6.6
	N. a listing and brief description of federal, state, and local permits that may be required for the proposed high voltage transmission line	§ 2.4; Table 2-1
	O. a copy of the Certificate of Need or the certified HVTL list containing the proposed high voltage transmission line or documentation that an application for a Certificate of Need has been submitted or is not required	§ 2.5
Minn. R. 7850.1900, Subp. 3	**Environmental Information** A. a description of the environmental setting for each site or route	§ 7.1
	B. a description of the effects of construction and operation of the facility on human settlement, including, but not limited to, public health and safety, displacement, noise, aesthetics, socioeconomic impacts, cultural values, recreation, and public services	§ 7.2
	C. a description of the effects of the facility on land-based economies, including, but not limited to, agriculture, forestry, tourism, and mining	§ 7.4
	D. a description of the effects of the facility on archaeological and historic resources	§ 7.5
	E. a description of the effects of the facility on the natural environment, including effects on air and water quality resources and flora and fauna	§ 7.6
	F. a description of the effects of the facility on rare and unique natural resources	§ 7.7
	G. identification of human and natural environmental effects that cannot be avoided if the facility is approved at a specific site or route	Chapter 7
	H. a description of measures that might be implemented to mitigate the potential human and environmental impacts identified in items A to G and the estimated costs of such mitigative measures	Chapter 7
Minn. R. 7850.2100, Subp. 2 (applicable per Minn. R. 7850.3300)	**Notice of Project** Notification to persons on PUC's general list, to local officials, and to property owners	To be provided
Minn. R. 7850.2100,	Publication of notice in a legal newspaper of general circulation in	To be published

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Subp 4	each county in which the route is proposed to be located.	
Minn. R. 7850.2100. Subp. 5	Confirmation of notice by affidavits of mailing and publication with copies of the notices	Submit when available
Minn. R. 7850.4100	**Factors to be Considered in Permitting a HVTL** A. effects on human settlement, including, but not limited to, displacement, noise, aesthetics, cultural values, recreation, and public services	§ 7.2
	B. effects on public health and safety	§ 7.2
	C. effects on land-based economies, including, but not limited to, agriculture, forestry, tourism, and mining	§ 7.4
	D. effects on archaeological and historic resources	§ 7.5
	E. effects on the natural environment, including effects on air and water quality resources and flora and fauna	§ 7.6
	F. effects on rare and unique natural resources	§ 7.7
	G. application of design options that maximize energy efficiencies, mitigate adverse environmental effects, and could accommodate expansion of transmission or generating capacity	§ 4.1; 6.1.2
	H. use or paralleling of existing rights-of-way, survey lines, natural division lines, and agricultural field boundaries	§ 4.1; 6.2
	I. use of existing large electric power generating plant sites	Not applicable
	J. use of existing transportation, pipeline, and electrical transmission systems or rights-of-way	§ 6.2
	K. electrical system reliability	§ 1.5; 5.1
	L. costs of constructing, operating, and maintaining the facility which are dependent on design and route	§ 4.2
	M. adverse human and natural environmental effects which cannot be avoided	Chapter 7
	N. irreversible and irretrievable commitments of resources	§ 7.9
Minn. R. 7850.4300, Subps. 1 and 2	Prohibited Routes **Wilderness areas**. No high voltage transmission line may be routed through state or national wilderness areas **Parks and natural areas**. No high voltage transmission line may be routed through state or national parks or state scientific and natural areas unless the transmission line would not materially damage or impair the purpose for which the area was designated and no feasible and prudent alternative exists. Economic considerations alone do not justify use of these areas for a high voltage transmission line	No wilderness areas or parks are crossed

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Minn. Stat. §216E.03, Subd.7 (applicable per Minn. Stat. §216E.04, Subd. 8)	**Considerations in designating sites and routes** (1) Evaluation of research and investigations relating to the effects on land, water and air resources of large electric power generating plants and high voltage transmission lines and the effects of water and air discharges and electric and magnetic fields resulting from such facilities on public health and welfare, vegetation, animals, materials and aesthetic values, including base line studies, predictive modeling, and evaluation of new or improved methods for minimizing adverse impacts of water and air discharges and other matters pertaining to the effects of power plants on the water and air environment	Chapter 7
	(2) Environmental evaluation of sites and routes proposed for future development and expansion and their relationship to the land, water, air and human resources of the state	§ 6.1.2
	(3) Evaluation of the effects of new electric power generation and transmission technologies and systems related to power plants designed to minimize adverse environmental effects	Not applicable
	(4) Evaluation of the potential for beneficial uses of waste energy from proposed large electric power generating plants	Not applicable
	(5) Analysis of the direct and indirect economic impact of proposed sites and routes including, but not limited to, productive agricultural land lost or impaired	§ 7.2.5; 7.4
	(6) Evaluation of adverse direct and indirect environmental effects that cannot be avoided should the proposed site and route be accepted	Chapter 7
	(7) Evaluation of alternatives to the applicant's proposed site or route proposed pursuant to subdivisions 1 and 2	Chapter 5
	(8) Evaluation of potential routes that would use or parallel existing railroad and highway rights-of way	§ 5.1; 6.2
	(9) Evaluation of governmental survey lines and other natural division lines of agricultural land so as to minimize interference with agricultural operations	§ 5.1; 6.2
	(10) Evaluation of the future needs for additional high voltage transmission lines in the same general area as any proposed route, and the advisability of ordering the construction of structures capable of expansion in transmission capacity through multiple circuiting or design modifications	§ 6.1.2; 6.6; 8.1.2
	(11) Evaluation of irreversible and irretrievable commitments of resources should the proposed site or route be approved	Chapter 7
	(12) When appropriate, consideration of problems raised by other state and federal agencies and local entities	Not applicable