

Appendix D

Certificate of Need Completeness Checklist

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**Wabasha Relocation Project
Certificate of Need Application
Completeness Checklist**

AUTHORITY	REQUIRED INFORMATION	LOCATION IN APPLICATION
Minn. R. 7829.2500, subp. 2	Brief summary of filing on separate page sufficient to apprise potentially interested parties of its nature and general content	One-page summary
Minn. R. 7849.0200, subp. 2	Title Page and Table of Contents	TOC
Minn. R. 7849.0200, subp. 4	Cover Letter	Cover Letter
Minn. R. 7849.0220, subp. 3	Joint Ownership and Multiparty use	3.5
Minn. R. 7849.0240	Need summary and additional considerations	1.1
subp. 1	Summary of the major factors that justify the need for the proposed facility	4.1-4.5
subp. 2	Relationship of the proposed facility to the following socioeconomic considerations:	—
A.	Socially beneficial uses of the output of the facility	4.11
B.	Promotional activities that may have given rise to the demand for the facility	4.9
C.	Effects of the facility in inducing future development	4.10
Minn. R. 7849.0260	Proposed LHVTL and Alternatives	—

AUTHORITY	REQUIRED INFORMATION	LOCATION IN APPLICATION
A.	A description of the type and general location of the proposed line, including:	—
(1)	Design voltage	1.1
(2)	Number, sizes and types of conductors	3.2.4
(3)	Expected losses under projected maximum loading and under projected average loading in the length of the line and at terminals or substations	Exempt with Alternate Data: Dairyland provides substitute data in the form of overall system losses in section 4.7
(4)	Approximate length of the proposed line	1.4
(5)	Approximate locations of DC terminals or AC substations on a map	Appendix A
(6)	List of likely affected counties	1.1, 1.4, 3
B.	Discussion of the available alternatives including:	—
(1)	New generation	5.2
(2)	Upgrading existing transmission lines	5.4
(3)	Transmission lines with different voltages or conductor arrays	5.5
(4)	Transmission lines with different terminals or substations	5.7
(5)	Double circuiting of existing transmission lines	5.6
(6)	If facility for DC (AC) transmission, an AC (DC) transmission line	5.9

AUTHORITY	REQUIRED INFORMATION	LOCATION IN APPLICATION
(7)	If proposed facility is for overhead (underground) transmission, an underground (overhead) transmission line	5.10
(8)	Any reasonable combination of alternatives (1) – (7)	5.11
C.	For the facility and for each alternative in B, a discussion of:	—
(1)	Total cost in current dollars	3.3
(2)	Service life	3.2.6
(3)	Estimated average annual availability	3.2.7
(4)	Estimated annual O&M costs in current dollars	3.3.3
(5)	Estimate of its effect on rates system wide and in Minnesota	Exemption with Alternate Data: Dairyland provides an explanation of how MISO LRTP project costs are spread among users of the transmission grid in section 3.3.4.
(6)	Efficiency	Exempt with Alternate Data: Dairyland provides substitute data in the form of overall system losses in section 4.7
(7)	Major assumptions made in subitems (1) – (6)	3.5
D.	A map (of appropriate scale) showing the applicant's system or load center to be served by the proposed LHVTL	1.2

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E.	Such other information about the proposed facility and each alternative as may be relevant to determination of need.	Ch. 4, 5
Minn. R. 7849.0270	Content of Forecast	Exempt with Alternate Data: Dairyland provides data supporting the ongoing need for the Project in the affected load area as noted in the section below.
Minn. R. 7849.0270, subp. 1	Peak demand and annual consumption data	4.6
Minn. R. 7849.0270, subp. 2	For each forecast year the following data:	Exempt See Minn. R. 7849.0270, subp. 1
Minn. R. 7849.0270, subp. 3	Forecast Methodology	Exempt See Minn. R. 7849.0270, subp. 1
Minn. R. 7849.0270, subp. 4	Discussion of data base used for forecasts including:	Exempt See Minn. R. 7849.0270, subp. 1
Minn. R. 7849.0270, subp. 5	Assumptions and Special Information	Exempt See Minn. R. 7849.0270, subp. 1
Minn. R. 7849.0270, subp. 6	Coordination of Forecasts with Other Systems	—
A.	Extent of coordination of load forecasts with those of other systems	4.6
B.	Description of the manner in which those forecasts are coordinated	4.6

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Minn. R. 7849.0280	System Capacity	
	Description of ability of existing system to meet demand forecast including:	—
A.	Power planning programs	4.4
B – I.	Seasonal firm purchases and sales, seasonal participation purchases and sales, generating and capacity data, seasonal capacity and load data, proposed additions and retirements data, outages, and reserve margins	Exempt
Minn. R. 7849.0290	Conservation Programs	—
A.	Persons responsible for energy conservation and efficiency programs	Exemption Requested Dairyland proposes to provide substitute information related to its conservation programs in Minnesota. 5.3
B.	List of energy conservation and efficiency goals and objectives	Exempt
C.	Description of programs considered, implemented and rejected	Exempt
D.	Description of major accomplishments in conservation and efficiency	Exempt
E.	Description of future plans with respect to conservation and efficiency	Exempt
F.	Quantification of the manner by which these programs impact the forecast	Exempt

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Minn. R. 7849.0300	Consequence of Delay	Exempt with Alternate Data: Dairyland provides substitute data regarding potential impacts caused by delay in building the Project in section 4.8
Minn. R. 7849.0310	Required Environmental Information	—
Minn. R. 7849.0330	Transmission Facilities	—
	Data for each alternative that would require LHVTL construction including:	—
A.	For overhead transmission lines	—
(1)	Schematics showing dimensions of support structures	3.2.1, Figures 3-1, 3-2
(2)	Discussion of electric fields	8.3.3
(3)	Discussion of ozone and nitrogen oxide emissions	8.3.5.3
(4)	Discussion of radio and television interference	8.3.3.1
(5)	Discussion of audible noise	8.2.3
B.	For underground transmission facilities:	N/A
(1)	Types and dimensions of cable systems	N/A
(2)	Types and qualities of cable system materials	N/A
(3)	Heat released in kW per foot of cable	N/A
C.	Estimated right-of-way required for the facility	3.1.2, 7
D.	Description of construction practices	7.2

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E.	Description of O&M practices	7.5
F.	Estimated workforce required for construction and O&M	7.4
G.	Description of region between endpoints in likely area for routes emphasizing a three mile radius of endpoints including:	--
(1)	Hydrological features	8.6.4
(2)	Vegetation and wildlife	8.6.5, 8.6.6
(3)	Physiographic regions	8.6.2
(4)	Land use types	8
Minn. R. 7849.0340	No-Facility Alternative	Exempt with Alternate Data: Dairyland provides substitute data regarding potential impacts caused by not building the Project in section 5.12.