

APPENDIX A

Alternative Proposal Content Requirements and Completeness Checklist

Minnesota Rule or Order	Required Information	Location of Required Content
7849.0120	Criteria – Probable result of denial would be an adverse effect upon the future adequacy, reliability, or efficiency of energy supply to applicant, customers, people of MN and neighboring states	Section 10.1
A 1	Accuracy of the applicant’s forecast	Xcel Energy’s Application
A 2	Effects of the applicant’s existing or expected conservation programs and state and federal conservation programs	Xcel Energy’s Application
A 3	Effects of promotional practices on energy demand	Section 10.3
A 4	Ability of current and planned facilities, not requiring certificates of need, to meet future demand	Xcel Energy’s Application
A 5	Effect of proposed facility in making efficient use of resources	Sections 7.0 and 10.4
7849.0120	Criteria – A more reasonable and prudent alternative has not been demonstrated	Section 10.2
B 1	Appropriate size, type and timing compared to reasonable alternatives	Section 10.2
B 2	Cost of the facility and its energy compared to reasonable alternatives	Section 10.2
B 3	Effects of the facility on natural and socioeconomic environments compared to the effects of reasonable alternative	Section 10.2
B 4	Expected reliability compared to reasonable alternatives	Section 10.2
7849.0120	Criteria - Project will provide benefits to society	Section 10.3
C 1	Relationship of the proposed facility, or suitable modification to overall state energy needs	Section 10.3
C 2	Effects of the facility on natural and socioeconomic environments compared to the effects of not building	Section 10.3
C 3	Effects of the facility or suitable modification in inducing future development	Section 10.3
C 4	Social beneficial uses of the output of the facility, or suitable modification including its uses to protect or enhance environmental quality	Section 10.3
D	Proposed facility or suitable modification will not fail to comply with relevant policies, rules and regulations of other state, federal, or local government agencies	Sections 10.4 and 10.5

Minnesota Rule or Order	Required Information	Location of Required Content
7849.0210	Filing Fees and Payment Schedule	Xcel Energy's Application
7849.0240	Need Summary and Additional Considerations	--
Subpart 1	Need Summary – Summary of major factors justifying need for the facility	Section 4.0
Subpart 2 A	Additional Considerations – Socially beneficial uses of the output of the facility, including to protect or enhance environmental quality	Exemption
B	Additional Considerations – Promotional activities that may have given rise to the demand for the facility	Section 10.3
C	Additional Considerations – Effects of facility in inducing future developments	Section 10.3
7849.0250	Description of Proposed LEGF and Alternatives	--
A 1	Description – Nominal generating capability and effects of economies of scale on the facility size and timing	Sections 5.3 and 5.4
A 2	Description – Anticipated operating cycle and annual capacity factor	Sections 5.3 and 5.5
A 3	Description – Type of fuel, reason for selection, projection of availability over life of the facility, and alternative fuels	Sections 5.1, 10.2 and 10.4
A 4	Description – Anticipated heat rate of the facility	Section 5.1
A 5	Description – Anticipated areas where facility will be located	Section 5.2 and Appendix C
B 1	Discussion of Alternatives – Purchased power	Exemption
B 2	Discussion of Alternatives – Increased efficiency of existing facilities including transmission lines	Exemption
B 3	Discussion of Alternatives – New transmission lines	Exemption
B 4	Discussion of Alternatives – New generating facilities of a different size and energy source	Exemption
B 5	Discussion of Alternatives – Reasonable combinations of alternatives	Exemption
C	Proposed Facility and Alternatives	--
C 1	Discuss – Capacity cost in current dollars/kilowatt	Section 6.2
C 2	Discuss – Service life	Section 6.5.1
C 3	Discuss – Estimated average annual availability	Section 6.5.1
C 4	Discuss – Fuel costs in current dollars/kilowatt hour	Section 6.1

Minnesota Rule or Order	Required Information	Location of Required Content
C 5	Discuss – Variable operating and maintenance costs in current dollars/kilowatt hour	Section 6.1
C 6	Discuss – Total cost in current dollars/kilowatt hour	Section 6.1
C 7	Estimate – Effect on rates system wide and in MN	Section 6.3
C 8	Efficiency – Expressed for a generating facility as the estimated heat rate	Section 5.6.3
C 9	Major Assumptions – For providing information relating to Items 1-8, including projected escalation rates for fuel costs, operating and maintenance costs as well as projected capacity factors	Sections 5.1; 5.5; 5.6 and Appendix F
D	Map Showing Applicant’s System	Xcel’s Application
E	Other Information – Relevant information about the proposed facility and alternatives necessary to determine need	--
7849.0270	Peak Demand and Electrical Consumption Forecast	Exemption
Subpart 1	Scope – application shall contain pertinent data concerning peak demand and annual electrical consumption within the applicant’s service area and system	Exemption
Subpart 2	Content of Forecast	Exemption
Subpart 3	Forecast Methodology	Exemption
Subpart 4	Data Base for Forecasts	Exemption
Subpart 5	Assumptions and Special Information	Exemption
Subpart 6	Coordination of Forecast with Other Systems	Exemption
7849.0280	System Capacity	Exemption
7849.0290	Conservation Programs	Exemption
7849.0300	Consequences of Delay – Discuss anticipated consequences if proposed facility is delayed	Exemption
7849.0310	Environmental Information – Provide environmental data in response to part 7849.0250, Item C or 7849.0260, Item C and information as requested in part 7849.320 to 7849.0340	Section 7.0
7849.0320	Generating Facilities	--
A	The estimated range of land requirements, including water storage, cooling systems and solid waste storage	Sections 7.1 and 7.2
B	Estimated vehicular, rail and barge traffic generated by construction and operation of the LEGF	Section 7.4

Minnesota Rule or Order	Required Information	Location of Required Content
C	Fossil-Fueled Facilities – Fuel	Not Applicable
D	Fossil-Fueled Facilities – Emissions	Not Applicable
E	Water Use for Alternate Cooling Systems	Section 7.6
F	Potential sources and types of discharges to water	Section 7.6
G	Radioactive Releases	Section 7.7
H	Potential types and quantities of solid wastes in tons/year	Section 7.7
I	Potential sources and types of audible noise generated	Section 7.8
J	Estimated work force required for construction and operation	Section 7.9
K	Minimum number and size of transmission facilities required to provide a reliable outlet	Section 7.10
7849.0330	Transmission Facilities	Not Applicable
7849.0340	Alternative of No Facility	Exemption
04-1752	Developer Experience and Qualifications	Section 3.2
04-1752	Pricing of Proposal	Section 6.2
04-1752	Term	Section 6.2
04-1752	In-Service Date	Section 9.1
04-1752	Contract Capacity	Section 6.2
04-1752	Fixed Operations and Maintenance Payment	Section 6.2
04-1752	Variable Operations and Maintenance Payment	Section 6.2
04-1752	Fuel Payment	Section 6.2
04-1752	Tax-related Payments	Section 6.2
04-1752	Other Costs	Section 6.2
04-1752	Scheduling Provisions	Section 9.0
04-1752	Planned Maintenance	Sections 5.6.2 and 9.2
04-1752	Expected Minimum Load	Section 9.3
04-1752	Ramp Rates	Section 9.4

Minnesota Rule or Order	Required Information	Location of Required Content
04-1752	Limitations on Operations	Section 9.5
04-1752	Discussion of Guaranteed Performance Factors, such as Construction Costs, Unit Completion, Availability and Efficiency	Section 9.6
04-1752	Other Key Contract Terms	Section 11.0
12-1240	Strategist Model Inputs	Appendix F
12-1240	Planning Reserve Zone Where Project is Located	Section 8.0
12-1240	Required Permits	Table 16
12-1240	Contracts with other Parties	Not Applicable