



414 Nicollet Mall  
Minneapolis, MN 55401

June 12, 2013

—Via Electronic Filing—

Burl W. Haar  
Executive Secretary  
Minnesota Public Utilities Commission  
121 7<sup>th</sup> Place East, Suite 350  
St. Paul, MN 55101

RE: COMPLIANCE FILING  
COMPETITIVE RESOURCE PROPOSAL – ENVIRONMENTAL INFORMATION  
CONTENT REQUIREMENT CHECKLIST  
DOCKET NO. E002/CN-12-1240

Dear Dr. Haar:

Northern States Power Company, doing business as Xcel Energy, submits the enclosed Environmental Report Information Checklist in compliance with the Commission's June 10, 2013 Notice in this docket. This checklist identifies where the environmental information required by Minn. R. 7849.0310 can be found in our Competitive Resource Acquisition Proposal.

We have electronically filed this document with the Minnesota Public Utilities Commission, and copies have been served on the parties on the attached service list. Please contact me at [james.r.alders@xcelenergy.com](mailto:james.r.alders@xcelenergy.com) or (612) 330-6732 if you have any questions regarding this filing.

Sincerely,

/s/

JAMES R. ALDERS  
STRATEGY CONSULTANT  
RATES AND REGULATORY AFFAIRS

Enclosures  
c: Service List

**ENVIRONMENTAL REPORT INFORMATION CHECKLIST**

Authority	Required Information	Proposal Location
Minn. R. 7849.0250	Proposed LEGF and Alternatives Application	
C.	For proposed facility and alternatives identified as able to provide the electric power to meet the identified need:	
(1)	Capacity cost/kW in current dollars;	Appendix C, Tables C3a and C3b
(2)	Service life;	Appendix C, Tables C4a and C4b
(3)	Estimated average annual availability;	Appendix C, Tables C4a and C4b
(4)	Fuel costs/kWh in current dollars;	Appendix C, Tables C3a and C3b
(5)	Variable O&M costs/kWh in current dollars;	Appendix C, Tables C3a and C3b
(6)	Total cost of a kWh generated in current dollars;	Appendix C, Tables C3a and C3b
(7)	Estimate of effect on rates systemwide and in Minnesota, assuming a test year beginning with in-service date;	Appendix C, Tables C3a and C3b
(8)	Estimated heat rate; and	Appendix C, Tables C1a and C1b
(9)	Major assumptions for subitems (1) to (8), including projected escalation rates for fuel and O&M, and project capacity factors	Appendix C
Minn. R. 7849.0310	Provide environmental data for the proposed facility and each alternative considered in detail in response to part 7849.0250, item C as indicated in parts 7849.0320 to 7849.0340 ( <i>See</i> each Authority referenced for specific Proposal Location information)	
Minn. R. 7849.0320	Information for Generating Facilities and Alternatives	

Authority	Required Information	Proposal Location
A.	Estimated land requirements for facility, water storage, cooling system, and solid waste storages;	Sections 6.3, 6.4 and 6.99; Appendix C, Tables C4a and C4b
B.	Estimated amount of vehicular, rail, and barge traffic due to construction and operation;	Section 6.13
C.	For fossil-fueled facilities:	
(1)	Expected regional sources of fuel;	Appendix C, Tables C2a and C2b
(2)	Typical hourly and annual fuel requirement ;	Appendix C, Tables C2a and C2b
(3)	Expected rate of heat input in Btu/hour ;	Appendix C, Tables C2a and C2b
(4)	Typical range of fuel's heat value and typical average of fuel's heat value; and	Appendix C, Tables C2a and C2b
(5)	Typical ranges of sulfur, ash, and moisture content of fuel;	Appendix C, Tables C2a and C2b
D.	For fossil-fueled facilities:	
(1)	Estimated range of emissions of sulfur dioxide, nitrogen oxides, and particulates in pounds/hour; and	Section 6.1
(2)	Estimated range of maximum contributions to 24-hr ground level concentrations of sulfur dioxide, nitrogen oxides, and particulates in micrograms per cubic meter;	Section 6.1
E.	Water use by the facility for alternate cooling system, including:	
(1)	Estimated maximum use, including groundwater pumping rate in gallons/minute and surface water appropriation in cubic feet/second;	Section 6.3; Appendix C, Tables C4a and C4b
(2)	Estimated groundwater appropriation in million gallons/year; and	Appendix C, Tables C4a and C4b
(3)	Annual consumption in acre-feet;	Appendix C, Tables 4a and 4b

Authority	Required Information	Proposal Location
F.	Potential sources/types of discharges to water;	Section 6.4
G.	Radioactive releases, including:	
(1)	For nuclear facilities, typical types/amounts of radionuclides released in curies/year; and	Not applicable
(2)	For fossil-fueled facilities, estimated range of radioactivity released in curies per year;	Section 6.4
H.	Potential types/quantities of solid wastes produced in tons/year;	Section 6.4
I.	Potential sources/types of audible noise;	Section 6.2
J.	Estimated work force required for construction and operation; and	Appendix C, Tables C3a and C3b
K.	Minimum number/size of transmission facilities required for reliable outlet.	Section 4.2 and 4.3
Minn. R. 7849.0340	No-Facility Alternative	Section 5.6 ( <i>Note:</i> pages 5-10 and 5-11 were revised May 14)

## CERTIFICATE OF SERVICE

I, SaGonna Thompson, hereby certify that I have this day served copies of the foregoing document or a summary thereof on the attached list of persons.

xx by depositing a true and correct copy or summary thereof, properly enveloped with postage paid in the United States mail at Minneapolis, Minnesota; or

xx via electronic filing

**Docket No. E002/CN-12-1240**

Dated this 12<sup>th</sup> day of June 2013

/s/

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SaGonna Thompson

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