

- 3) 345 kV Twin Cities - Fargo transmission line
- 4) 345 kV Twin Cities - Brookings County transmission line
- 5) Upgrades associated with constructing the facilities in Parts D1 through D4.

Response:

A. Estimated construction costs are provided in the following table (2007 \$):

	Twin Cities – Brookings County	Twin Cities – Fargo	Twin Cities – La Crosse
Substation land	\$1,600,000	\$1,100,000	\$2,000,000
345 line easements, labor and expense	\$ 62,000,000 to 69,000,000	\$ 32,000,000 to 37,000,000	\$22,000,000
345 line, subs and associated project costs	\$ 536,000,000 to 594,000,000	\$ 357,000,000 to 522,000,000	\$ 292,000,000 to 322,000,000
161 North Rochester to Northern Hills line and associated project costs	n/a	n/a	\$12,000,000
161 North Rochester to Northern Hills easements	n/a	n/a	\$1,600,000
Total (values rounded)	\$ 600,000,000 to 665,000,000	\$ 390,000,000 to 560,000,000	\$ 330,000,000 to 360,000,000

B. The Application includes information about upgrades that will be required to be made to the underlying system to accommodate all three 345 kV Projects. See Section 2.7 of the Application. Based on preliminary analyses, it is estimated that the costs of such upgrades will cost approximately \$70 to \$100 million. An analysis of the underlying system requirements has not been conducted on an individual project basis.

C. A losses analysis of all three 345 kV Projects, including demand and energy loss reduction benefits is contained in section 5.4 of the Application. No monetized cost of electric line losses has been undertaken on a per project basis.

D. With respect to parts 1 through 4, transmission lines do not create or emit greenhouse gases. The transmission lines proposed in this Application are not intended for any specific generation project for which greenhouse gas emissions could be measured. With respect to part 5, Applicants are uncertain what information is being requested. Applicants request clarification.

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