

**NoCapX 2020**  
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**Applicants-CapX2020 Information Request #5**

Docket Number: E002, ET2/CN-06-1115

Date of Request: May 5, 2008

Requested From: Lisa Agrimonti/Mike Krikava  
Briggs and Morgan

Response Due: May 26, 2008

As attorneys for whichever relevant utility applicant(s)

Party Requesting Information: Carol A. Overland for NoCapX 2020

Type of Inquiry:    ..... Financial            ..... Rate of Return            ..... Rate Design  
                          ..... Engineering            ..... Forecasting            ..... Conservation  
                          ..... Cost of Service            ..... CIP                    ..... Other:

*If you feel your responses are trade secret or privileged, please indicate this on your response.*

Request No.	
5	The application, on p. 7.13, states that “the Twin Cities – Brookings County 345kV Project will create approximately 700MW of wind outlet.” According to CapX’s response to MCEA IR 3, the “twin bundled 954 kcm 54/7 ACSS, 345kV” of which the line is primarily comprised, has a winter thermal rating of 2428MVA. Assuming that the line is not “over-spec’d,” that summer rating is lower, and that the expected normal operating capacity will be somewhat lower than the thermal rating: a. What is expected normal operating MVA level of the Brookings County – Twin Cities line? b. Identify substations that will provide the 700MW of wind outlet/interconnection c. Provide powerflows demonstrating that 700MW of wind outlet provided by the line.

Response by: \_\_\_\_\_

List sources of information: \_\_\_\_\_

Title: \_\_\_\_\_

Department: \_\_\_\_\_

Telephone: \_\_\_\_\_