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December 13, 2013

ELECTRONIC FILING

South Dakota Public Utilities Commission
Attn: Karen Cremer
500 East Capitol Avenue
Pierre, SD 57501

RE: Equipment Addition to Brookings 345 kV Transmission Line
Docket No. EL10-016
CapX Brookings County to Hampton 345 kV Transmission Line Project

Dear Ms. Cremer:

Great River Energy hereby notifies the South Dakota Public Utilities Commission (“Commission”) of additional equipment that will be installed on the transmission line between the Brookings County Substation and the SD/MN Border.

This segment is one of several segments of the Brookings County-Hampton 345 kV Transmission Line Project (“Project”) that is located in an area of high winds that can cause galloping on transmission line conductors. Galloping is the movement of conductors (typically vertical movement) caused by strong winds, sometimes in combination with ice on the conductor. During galloping events, there are additional mechanical stresses and a potential that conductors can clash into each other.

To protect against galloping, Great River Energy plans to install interphase spacers on the conductors, approximately four per span. The spacers are approximately twenty-five feet long with insulators on each end where they are attached to the conductors. The picture below from the manufacturer, RIBE, shows the type of spacers that will be used.




Ms. Karen Cremer
December 13, 2013
Page 2

Great River Energy does not believe that the installation of these electrical fittings is a significant modification to the plan and profile submitted to the Commission on August 29, 2013, because the alignment, right-of-way and structure design remain unchanged.

Please contact me at cschmidt@greenergy.com or (763) 445-5214 if you have any questions.

Respectfully Submitted,

GREAT RIVER ENERGY

A handwritten signature in cursive script that reads "Carole L. Schmidt".

Carole L. Schmidt
Supervisor, Transmission Permitting and Compliance