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Information Request No. 2

Docket No.: E002/CN-25-117
Response To: North Route Group and NO765MN
Requestor: Carol Overland
Date Received: June 29, 2026

Question:

Please provide powerflows for the new 765 kV substation, the new North Rochester 345 kV substation, and the existing North Rochester substation post construction of PowerOn Midwest.

Response: The Applicants object to this question because it is vague and ambiguous as to which “powerflows” are requested. Presuming the request relates to flows, the requested information included in Exhibits A and B contains NOT PUBLIC DATA because they include security data protected from public disclosure by Minn. Stat. § 13.37, subd. 1(b). Exhibit A NRG IR No.2 and Exhibit B NRG IR No. 2 to this response will be provided subject to the Protective Order issued on July 7, 2026, once applicable Exhibit As are received by the Applicants.

The Applicants assume the requested data is for the flow (direction and magnitude) in megawatts on each of the transmission lines which connect to the North Rochester Substation in its proposed post-Project configuration. As need analysis was performed under multiple scenarios, cases, study-years, and planning models, the Applicants have included the branch flows for each transmission line in each scenario in the attached spreadsheet. Additional information on scenarios and planning models can be found in Section 6.2 of the Certificate of Need Application. Steady-state reliability model flows assume system intact conditions. The PROMOD production cost model, which provides 8,760 hourly flows, outputs information on only certain pre-specified transmission lines. The Applicants have provided the available PROMOD flow data from the North Rochester Substation, in addition to the outputs from steady-state reliability models. A diagram has also been provided to visually illustrate the electrical connections from the North Rochester Substation and to translate between common names and the abbreviated substation names used in the planning models.

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Department: Great River Energy
Date: July 13, 2026

