

STATE OF MINNESOTA
BEFORE THE
MINNESOTA PUBLIC UTILITIES COMMISSION

Katie Sieben
Joseph K. Sullivan
Hwikwon Ham
Valerie Means
John Tuma

Chair
Commissioner
Commissioner
Commissioner
Commissioner

IN THE MATTER OF XCEL ENERGY'S
COMPETITIVE RESOURCE ACQUISITION
PROCESS FOR UP TO 800 MEGAWATTS OF
FIRM DISPATCHABLE GENERATION

Docket No. E002/CN-23-212

**XCEL ENERGY SHERCO WEST
BESS: SUMMARY OF PROPOSAL**

SUMMARY

On January 22, 2024, Northern States Power Company, doing business as Xcel Energy, submitted to the Minnesota Public Utilities Commission its proposal to meet the need identified by the Commission in the Company's 2019 Integrated Resource Plan docket. The Commission identified that it is more likely than not that Xcel Energy will need up to 800 megawatts (MW) of firm dispatchable resources between 2027 and 2029. The Commission also ordered that Xcel Energy include an evaluation of renewable resources and storage that can deliver the identified necessary grid attributes to meet the need for approximately, but not more than, 800 MW of generic firm dispatchable resources between 2027 and 2029. In compliance with this direction, this proposal includes a 58 MW, long-duration battery energy storage system (BESS) adjacent to and interconnected with the Company's planned Sherco Solar Generating System in Sherburne County, Minnesota. The submittal also analyzes a 300 MW 4-hour BESS at the same location.

Xcel Energy and others will be submitting additional proposals to meet Xcel Energy's identified need for the 2027 to 2029 time period.