

**STATE OF MINNESOTA
BEFORE THE PUBLIC UTILITIES COMMISSION**

Katie Sieben	Chair
Joseph Sullivan	Vice-Chair
Valerie Means	Commissioner
Matt Schuerger	Commissioner
John Tuma	Commissioner

In the Matter of Xcel Energy’s Petition for
Approval of the Sherco Solar Project

DOCKET NO. E-002/M-20-891

**REPLY COMMENTS OF THE OFFICE
OF THE ATTORNEY GENERAL**

INTRODUCTION

The Office of the Attorney General – Residential Utilities Division (“OAG”) respectfully submits these Reply Comments in response to the Commission’s January 27, 2022 Second Notice of Extended Reply Comment Period regarding the petition of Northern States Power Company d/b/a Xcel Energy (“Xcel” or “the Company”) for approval of the Sherco Solar project (“the Project”).

The OAG responds to the Department of Commerce’s (“the Department”) Initial Comments in Section I, details the implications of the Commission’s forthcoming order in Xcel’s Integrated Resource Plan (“IRP”) docket in Section II, and discusses the potential impacts of the Build Back Better Act in Section III. For the reasons explained below, and for all the reasons provided in the OAG’s Initial Comments, the Commission should reject the Sherco Solar project without prejudice and allow Xcel to bid the Project into its forthcoming solar competitive bidding process.

ANALYSIS

I. THE OAG’S AND DEPARTMENT’S CALCULATIONS OF THE PROJECT’S COST PREMIUM ARE SIMILAR WHEN THE SAME DISCOUNT RATE AND SOLAR-COST ASSUMPTIONS ARE USED.

Generally, the OAG found the Department’s Comments to be very insightful, and much of the Department’s analysis and many of its recommendations are consistent with the OAG’s

Comments. Rather than restating the areas of agreement, the OAG clarifies one apparent inconsistency between the two comments: the estimated cost premium of the Sherco Solar project.

The Department analyzed the cost impact of the Sherco Solar project using the capacity expansion model from Xcel’s IRP. The Department’s analysis found the Project would significantly increase system costs under all scenarios studied.¹ The magnitude of the price premium, however, is significantly larger in the OAG’s analysis than in the Department’s.

This apparent discrepancy is primarily the result of two factors: first, the Department’s cost difference is stated in net present value—i.e., with a discount rate applied—while the OAG’s analysis is in total dollars. Because of the relatively long book life of the Project (35 years), the impact of the discount rate is significant. Second, the Department’s analyses use solar cost projections from Xcel’s IRP. As the OAG explained in that docket, Xcel’s IRP solar cost projections are unreasonably high, even in the “low” solar cost scenario.² If the Department’s capacity expansion modeling had used the same solar cost input as the OAG’s and if the OAG’s analysis were stated in net present value, the results of the two analyses would likely be very similar.³

II. THE COMMISSION’S FORTHCOMING RESOURCE-PLAN ORDER STRENGTHENS THE CASE FOR A NEW SOLAR RFP.

Xcel’s second request to extend the Reply Comment deadline in this docket cited its then pending IRP, noting that the Commission’s decisions in that docket could impact the Sherco Solar Project. Indeed, the Commission’s recent oral decision⁴ on Xcel’s IRP does have important implications for the Project.

¹ Department Initial Comments at 13, tbl.2.

² OAG Revised Reply Comments (eDocket No. [202112-180487-02](#)) at 7, 13–15; OAG Supplemental Comments (eDocket No. [202110-178863-02](#)) at 11–13.

³ For example, when Xcel’s IRP discount rate (6.47 percent) is applied to the Sherco Solar price premium calculated in Schedule 1 of the OAG’s Initial Comments, the net present value of the price premium is similar to the Department’s estimate of the Sherco Solar cost premium in the “Low Solar” scenario (\$258 million NPV).

⁴ See generally Webcast: PUC Agenda Meeting (Feb. 8, 2022), available at https://minnesotapuc.granicus.com/MediaPlayer.php?view_id=2&clip_id=1638.

Perhaps the most significant decision impacting the Sherco Solar Project is the Commission’s approval of Xcel’s “acquisition of approximately of 1,300 MW of solar by 2026.”⁵ Importantly, the Commission specifically approved “[a]pproximately 720 MW of Company-owned [solar] resources to fully reutilize the Sherco Unit 2 interconnection, 460 MW of which could come from the proposed Sherco Solar project . . . , if approved by the Commission.”⁶

This decision has two important implications for the Sherco Solar project. First, in Initial Comments, both the Department and the OAG recommended that the Commission decline to approve the Project now and instead pursue a new solar request for proposals (“RFP”). Under the Commission’s forthcoming order, Xcel will need to issue a new RFP to procure the 1,300 MW of solar by 2026 anyway. Indeed, the OAG understands the Company is already developing this RFP. Thus, the Department’s and OAG’s proposal would not create any additional process (or costs), and since the new RFP is already under development, any resulting delay of consideration of the Sherco Solar Project would be limited.

Second, the Commission specified the amount of Xcel-owned solar generation to be procured by 2026 (720 MW), and that amount would be the same whether or not the Sherco Solar project is approved. If Sherco Solar is approved, the Company would add 460 MW of Sherco Solar and another 260 MW of other Xcel-owned solar, and if the Project is not approved, the Company would still be permitted to procure 720 MW of other Xcel-owned solar projects.

Since Xcel will add 720 MW of Company-owned solar regardless of the Commission’s decision on Sherco Solar, the choice before the Commission in this docket is not whether to procure new solar, but how to procure Company-owned solar most cost-effectively. Despite Xcel’s Orwellian claim that “this was a successful bid process,”⁷ any competitive bidding process in which

⁵ See *id.* (adopting with modifications Chair Sieben’s proposed decision options).

⁶ See *id.*

⁷ Xcel response to OAG IR 14, included as Attachment A to these comments.

the only compliant bid is the utility’s own is a failure. Rejecting Sherco Solar without prejudice and allowing Xcel to bid the Project into its new solar RFP would ensure that customers get the best possible value for their money.

III. THE BUILD BACK BETTER ACT, IF ENACTED, WOULD NOT UNEQUIVOCALLY FAVOR APPROVAL OF THE SHERCO SOLAR PROJECT.

In its November 19, 2021 extension request in this docket, Xcel argued that “[t]he ‘Build Back Better Act’ (H.R. 5376), which is a reconciliation bill currently under consideration in Congress, proposes significant changes to renewable energy tax credits that could materially impact the pricing of the Sherco Solar Project.” The OAG agrees that the Build Back Better Act (the “Act”) could have major implications for resource planning and acquisition. However, when weighing the potential impact of this legislation, the Commission should consider three things.

First, the Act has not been signed into law, and it may never be. Even if the Act does pass, it may not be passed in its current form. Thus, it would be premature to make any determinations about the Sherco Solar project based on the possible impact of pending legislation.

Second, even if the Act is passed in its current form, its tax policy changes would impact all new solar projects, not just Sherco Solar. The cost of Sherco Solar project may go down if the Act is passed, but so would the cost of competing projects. The most salient consideration would still be the cost of Xcel’s proposal relative to other solar projects.

Finally, the Build Back Better Act would impact more than just the costs of solar generation. For example, the Act and other federal policy developments could lead to significant transmission system expansion.⁸ Transmission expansion would undermine one of Xcel’s main justifications for the Sherco Solar project: the value of the interconnection rights at the Sherco site. Other provisions of the Act would also influence the cost of other generation resources, like wind and battery storage,

⁸ See, e.g., Emma Penrod, [Build Back Better, FERC Actions on Infrastructure Could Trigger ‘Monumental’ Renewable Energy Deployments](#), UTILITY DIVE, Nov. 4, 2021.

to the point where standalone solar may not be the lowest-cost type of generation. In short, the potential impacts of the Build Back Better Act would be multifaceted, and it is inappropriate to look at the impact on the Sherco Solar project in isolation.

CONCLUSION AND RECOMMENDATION

The Department's and the OAG's analyses demonstrate that the Sherco Solar project would significantly increase costs for customers, including \$438.1 million in returns for Xcel's shareholders.⁹ While the Build Back Better Act could potentially reduce the cost of the Sherco Solar project, it would also reduce the cost of other solar projects. For all the reasons stated the OAG's and Department's comments, it is not in the public interest to approve the Sherco Solar project at this time.

Fortunately, the Commission's forthcoming IRP order will provide an opportunity to see how the Sherco Solar project stacks up against competing solar projects. Competitive bidding is a valuable customer protection, and because Xcel will already be issuing a solar RFP, there would be no additional process or costs to submitting the Project into that RFP. The OAG recommends that the Commission reject the Sherco Solar project without prejudice and allow Xcel to bid the Project into its next solar RFP.

Dated: April 8, 2022

Respectfully submitted,

KEITH ELLISON
Attorney General
State of Minnesota

/s/ *Andrew Twite*
ANDREW TWITE
Rates Analyst

⁹ Xcel response to OAG IR 16, included as Attachment B to these comments. This amount was labeled trade secret in the OAG's Initial Comments (at 8 and 10), but the Company's IR response clarifies that it does not consider the estimated returns to be trade secret.

/s/ Peter G. Scholtz

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Xcel Energy Information Request No. 14
Docket No.: E002/M-20-891
Response To: Minnesota Office of the Attorney General
Requestor: Andrew Twite
Date Received: March 10, 2022

Question:

References: Xcel’s April 12, 2021 Petition in Docket 20-891 at 4 (“the Company issued a Request for Proposals (RFP) and conducted a competitive solicitation for solar projects at the Sherco site earlier this year following the Commission-approved process from our last IRP.”); The MPUC’s January 11, 2017 Order in Docket 15-21, at Order Point 5, page 11 (“Concerning wind and solar resource acquisitions, Xcel: [...] shall file a contingency plan early in the process (preferably with the filing of the Company’s self-build proposal) to address the potential for the bidding process to fail.”).

Indicate where and when the Company filed the required contingency plan for the Sherco Solar bidding process.

Response:

We did not file a contingency plan but do not believe one is necessary, as this was a successful bid process with a project approved by the Independent Auditor. If this project were for some reason not successful or not approved by the Commission, we would look for additional cost-competitive resources in our upcoming RFP resulting from our integrated resource plan, or run another RFP next year. We note that delaying this project for such an RFP process to be run, however, could put the interconnection rights associated with Sherco 2, which is slated to be retired in 2023, at risk.

Preparer: Bria E. Shea
Title: Director, Regulatory & Strategic Analysis
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Telephone: (612) 330-6064
Date: March 22, 2022

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Xcel Energy

Information Request No. 16

Docket No.: E002/M-20-891

Response To: Minnesota Office of the Attorney General

Requestor: Andrew Twite

Date Received: March 21, 2022

Question:

Provide the estimated total amount of shareholder returns over the life of the Sherco Solar project. If the Company believes this information to be trade secret, provide a detailed description of why this specific component of project cost is trade secret.

Response:

The Company provided estimated returns for both phases of the Sherco Solar project in Attachments A and B to OAG IR No. 10, specifically on Row 7 of the tab labeled “Regulated Model.” The total estimated undiscounted equity return over the 35-year project life is \$438.1 million. On a net present value basis, the related cash flow returns are essentially \$0. We note that the Company’s assumption of return is based on an assumed 9.25 percent allowed return on equity (ROE) on rate-based assets. The extent to which the Company’s actual returns reflect this allowed ROE depends on a variety of factors that cannot be known at this time.

Please note that while the Company does not consider the estimated returns as trade secret, the model provided in Attachments A-C of our response to OAG IR No. 10 is Trade Secret information pursuant to Minnesota Statute § 13.37, subd, 1(b). In particular, the information designated as Trade Secret derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use.

Preparer: Stan Dufault
Title: Corporate Development Director
Department: Corporate Development
Telephone: (612) 215-4577
Date: March 31, 2022



The Office of
Minnesota Attorney General Keith Ellison
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April 8, 2022

Mr. Will Seuffert
Executive Secretary
Minnesota Public Utilities Commission
121 7th Place East, Suite 350
St. Paul, MN 55101

**Re: *In the Matter of Xcel Energy's Petition for Approval of the Sherco Solar Project*
MPUC Docket No. E-002/M-20-20-891**

Dear Mr. Seuffert:

Enclosed and e-filed in the above-referenced matter please find Reply Comments of the Minnesota Office of the Attorney General—Residential Utilities Division.

By copy of this letter all parties have been served. A Certificate of Service is also enclosed.

Sincerely,

/s/ Peter G. Scholtz
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CERTIFICATE OF SERVICE

**Re: *In the Matter of Xcel Energy's Petition for Approval of the Sherco Solar Project*
MPUC Docket No. E-002/M-20-20-891**

I, JUDY SIGAL, hereby certify that on the 8th day of April, 2022, I e-filed with eDockets *Reply Comments of the Minnesota Office of The Attorney General—Residential Utilities Division* and served a true and correct copy of the same upon all parties listed on the attached service list by e-mail, electronic submission, and/or United States Mail with postage prepaid, and deposited the same in a U.S. Post Office mail receptacle in the City of St. Paul, Minnesota.

/s/ Judy Sigal

JUDY SIGAL

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