Fredrikson

May 5, 2021

## **VIA ELECTRONIC FILING**

Mr. Richard Davis **Environmental Review Manager** Minnesota Department of Commerce, Energy Environmental Review & Analysis 85 7th Place East, Suite 500 St. Paul. MN 55101

In the Matter of the Applications of Big Bend Wind, LLC for a Certificate of Need, Re: Site Permit for the up to 308-MW Big Bend Wind Project in Cottonwood and Watonwan Counties and the Route Permit for the 161-kV High Voltage **Transmission Line in Cottonwood, Watonwan and Martin Counties** MPUC Docket Nos. IP-7013/CN-19-408, IP-7013/WS-19-619 and IP-7013/TL-19-621

In the Matter of the Applications of Red Rock Solar, LLC for a Certificate of Need and Site Permit for the up to 60-MW Red Rock Solar Project in Cottonwood County

MPUC Docket Nos. IP-7014/CN-19-486 and IP-7014/GS-19-620

Dear Mr. Davis:

Big Bend Wind, LLC ("Big Bend Wind") and Red Rock Solar, LLC ("Red Rock Solar") (collectively, the "Applicants") submit these reply comments in response to comments submitted during the scoping period in the above-captioned dockets which identified alternatives to be studied as part of the environmental review of the Big Bend Wind Project ("Wind Project") and Red Rock Solar Project ("Solar Project") (collectively, the "Projects"). The Applicants understand that the environmental review conducted by the Department of Commerce, Energy Environmental Review and Analysis ("DOC-EERA") will consider the alternatives and impacts raised during the scoping period that will assist in the ultimate decision on the permit application and provide these reply comments as further context for DOC-EERA's analysis.

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## 1. Increase wind turbine setbacks from Jeffers Petroglyphs / Red Rock Ridge.

Several commenters suggested alternatives to the Wind Project as proposed that would increase wind turbine setbacks from the Jeffers Petroglyphs site and the Red Rock Ridge. Specifically, for example, the Minnesota Historical Society ("MNHS") asked that DOC-EERA study an eight-mile setback (with a turbine tip height no taller than 570 feet), and a 10-mile setback (with a tip height of no more than 656 feet) from the Jeffers Petroglyphs. Similarly, the Lower Sioux Indian Community in the State of Minnesota (the "Community") requested that DOC-EERA analyze an eight-mile buffer (with a turbine tip height no taller than 570 feet), as well as a 10-mile and 11-mile buffer (with a tip height no taller than 660 feet) from the Jeffers Petroglyphs and Red Rock Ridge.<sup>1</sup>

In response to earlier coordination with MNHS and Tribes, including the Community, Big Bend Wind analyzed greater setbacks from the Jeffers Petroglyphs. During this coordination, MNHS did not explain the objective basis for an eight- or 10-mile setback; however, Big Bend Wind understands, based on MNHS comments during the Minnesota Public Utilities Commission's ("Commission") February 4, 2021, meeting, that the eight-mile setback request is based on the fact that there is already an existing wind farm approximately eight miles from the Jeffers Petroglyphs. As explained in the LWECS Application, the Project Area is constrained by tribal interests to the north, military airspace to the east, local airport airspace constraints on the west, and existing wind farms on the south. As such, further increasing setbacks from the Jeffers Petroglyphs is not feasible.

Big Bend Wind anticipates that the record developed during this process will further demonstrate the outreach conducted by the Applicants and that the Applicants have avoided and minimized potential impacts to the Jeffers Petroglyphs and that further setbacks would render the Projects infeasible.

#### 2. Increase size of Solar Project.

Several commenters suggested that the Wind Project be reduced in size or totally eliminated, in conjunction with increasing the size of the proposed Solar Project. Specifically, for example, the Community requested that DOC-EERA analyze a no-build alternative and a solar-only project. Similarly, Brad Hutchinson asked DOC-EERA to study converting "the entire project to solar."

<sup>&</sup>lt;sup>1</sup> The boundaries/limits of the Red Rock Ridge referenced in the Community's written comments are not clear. It may be useful for DOC-EERA to request clarification on this point.

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As an initial matter, the size of the Solar Project is limited to a maximum of 60 megawatts as a result of its interconnection request to the Midcontinent Independent System Operator.

Further, the Projects represent Minnesota's first potential wind-solar hybrid renewable energy project; wind and solar production complement each other, and the costs of the Solar Project are significantly offset by shared facilities in a hybrid project, as compared to a standalone solar project. The Projects have been developed to maximize these benefits while minimizing and balancing human and environmental impacts. For example, a 308 megawatt solar project would require many more acres than the proposed hybrid Projects. The Applicants' analysis demonstrated that the hybrid Projects best maximize the benefits of renewable energy in this area, and the Applicants anticipate that further record development on this issue will support that conclusion.

## 3. Visual impact analysis.

MNHS asserts that DOC-EERA should conduct a "full and independent Visual Impact Assessment" ("VIA") as part of the EA and identifies specific methods, locations, and processes for that VIA. Big Bend Wind understands that visual/aesthetic impacts will be part of the environmental review analysis, as it is for other projects. Big Bend Wind notes that the record already includes a Visual Impact Assessment Report (LWECS Application Appendix A) ("Report") which was prepared after outreach to MNHS and the Tribes and which reflects that feedback, including multiple rounds of feedback regarding key observation points ("KOPs"). Further, the Report was prepared using the guidance referenced by MNHS (National Park Service's Guide to Evaluating Visual Impact Assessment for Renewable Energy Projects). Representatives from MNHS were present when Big Bend Wind took reference photographs at the Jeffers Petroglyphs KOPs for the preparation of the Report, which includes locations which are the same as or quite similar to each of the locations MNHS references in its comments.

Big Bend Wind shared the results of the Report with MNHS and the Community, among others, prior to filing the Applications. MNHS does not identify any specific flaws with that Report, and the VIA described by MNHS is beyond any analysis previously conducted by DOC-EERA (indeed, the Commission has not, to the Applicants' knowledge, ever required a VIA). To the extent that DOC-EERA determines that another VIA should be prepared, Big Bend Wind requests that such analysis not result in further delay in the permitting process. Big Bend Wind is available to provide any support or coordination that would be helpful in this regard.

#### 4. Transmission line route.

In a written comment, Kent Scholl asserted that DOC-EERA "should ignore and set aside the proposed Alternate Peaking Plant Route – Lakefield Junction POI in its EA review," noting several additional steps that Big Bend Wind will need to take before it is able to acquire Mr. Richard Davis May 5, 2021 Page 4

voluntary easements for that route. Big Bend Wind identified this route alternative in its Route Permit Application because it offers a second, "net-zero" interconnection opportunity, and Big Bend Wind continues to request that DOC-EERA study this alternative in the Environmental Assessment, consistent with Minn. R. 7850.3700, subp. 4.

## 5. Thiessen airstrip.

In a written comment, Elvin Thiessen identified a private airstrip outside of the Wind Project boundary in section 19 of Butterfield Township. Big Bend Wind has coordinated with Mr. Thiessen regarding his airstrip, and the location of the airstrip informed the siting of turbines in the vicinity. Since Mr. Thiessen's scoping comment letter, Big Bend Wind has had additional coordination with Mr. Thiessen to identify specific turbine locations in relation to his airstrip to confirm that the turbine locations with respect to the orientation of the airstrip will allow for its continued use.

# 6. Other issues raised in scoping comments.

In addition to the topics discussed previously herein, commenters discussed potential human and environmental impacts of the Projects. The Applicants understand that the Commission and DOC-EERA will analyze any such impacts as part of the environmental review and permitting process. The Applicants are confident that the Projects, as proposed, maximize the benefits of renewable energy for Minnesota while minimizing human and environmental impacts.

These reply comments have also been e-filed today on behalf of Red Rock Solar and Big Bend Wind through www.edockets.state.mn.us. A copy of this filing is also being served upon the persons on the Official Service List of record. Please let me know if you have any questions regarding this filing.

Sincerely,

/s/ Christina K. Brusven

Christina K. Brusven Attorney at Law Direct Dial: 612.492.7412 Email: <u>cbrusven@fredlaw.com</u>

72810010

In the Matter of the Applications of Big Bend Wind, LLC for a Certificate of Need, Site Permit for the up to 308-MW Big Bend Wind Project in Cottonwood and Watonwan Counties and the Route Permit for the 161-kV High Voltage Transmission Line in Cottonwood, Watonwan and Martin Counties

In the Matter of the Applications of Red Rock Solar, LLC for a Certificate of Need and Site Permit for the up to 60-MW Red Rock Solar Project in Cottonwood County MPUC Docket Nos. IP 7013/CN 19-408, IP 7013/WS 19-619 and IP 7013/TL 19-621

# MPUC Docket Nos. IP 7014/CN 19-486 and IP 7014/GS 19-620

#### **CERTIFICATE OF SERVICE**

Erin E. Daniels certifies that on the 5th day of May 2021, she e-filed the true and correct copy of Big Bend Wind, LLC's and Red Rock Solar, LLC's Scoping Reply Comments via edockets (www.edockets.state.mn.us). Said document was also served as designated on the Official Service List on file with the Minnesota Public Utilities Commission and as attached hereto.

/s/ Erin E. Daniels

72837494 v1

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Sharon	Ferguson	sharon.ferguson@state.mn .us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_19-620_19-620
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Brenna	Gunderson	Brenna.gunderson@apexcl eanenergy.com	Apex Clean Eenrgy	8665 Hudson Blvd N Ste 110 Lake Elmo, MN 55042	Electronic Service	No	OFF_SL_19-620_19-620
Kate M	Heins	kate.heins@apexcleanener gy.com	Apex Clean Energy	310 4th St NE Ste 200 Charlottesville, VA 22902	Electronic Service	No	OFF_SL_19-620_19-620
Amy	Kania	akania@hogenadams.com	Hogen Adams PLLC	1935 County Road B2 West Suite 460 St. Paul, MN	Electronic Service	No	OFF_SL_19-620_19-620
Karen	Kromar	karen.kromar@state.mn.us	MN Pollution Control Agency	520 Lafayette Rd Saint Paul, MN 55155	Electronic Service	No	OFF_SL_19-620_19-620
Chris	Kunkle	chris.kunkle@apexcleanen ergy.com	Apex Clean Energy	8665 Hudson Blvd North, Suite 110 Lake Elmo, MN 55042	Electronic Service	No	OFF_SL_19-620_19-620
James	LaFave	james.lafave@state.mn.us	Office of Administrative Hearings	600 N Robert Street St. Paul, MN 55164-0620	Electronic Service	No	OFF_SL_19-620_19-620

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Samantha J	Odegard	samanthao@uppersiouxco mmunity-nsn.gov	Upper Sioux Tribal Community	PO Box 147 Granite Falls, MN 56241	Electronic Service	No	OFF_SL_19-620_19-620
Peter	Rademacher	prademacher@hogenadam s.com		1935 County Road B2 West Suite 460 St. Paul, Minnesota 55113	Electronic Service	No	OFF_SL_19-620_19-620
Generic Notice	Residential Utilities Division	residential.utilities@ag.stat e.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	Yes	OFF_SL_19-620_19-620
Ronald C	Schirmer	ronald.schirmer@mnsu.edu	Department of Anthropology	359 Trafton Science Center N Mankato, MN 56001	Electronic Service	No	OFF_SL_19-620_19-620
Will	Seuffert	Will.Seuffert@state.mn.us	Public Utilities Commission	121 7th PI E Ste 350 Saint Paul, MN 55101	Electronic Service	Yes	OFF_SL_19-620_19-620
Cheyanne	St. John	cheyanne.stjohn@lowersio ux.com	Lower Sioux Tribal Community	39527 Reservation Hwy 1 Morton, MN 56270	Electronic Service	No	OFF_SL_19-620_19-620
Haley	Waller Pitts	hwallerpitts@fredlaw.com	Fredrikson & Byron, P.A.	200 S 6th St Ste 4000 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_19-620_19-620