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**BEFORE THE
PUBLIC SERVICE COMMISSION OF WISCONSIN**

Application for Grant County Solar, LLC to Construct a New
Solar Electric Generation Facility located near Potosi and Harrison Townships, in Grant County, Wisconsin

Docket No. 9804-CE-100

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REBUTTAL TESTIMONY OF RYAN CALLAHAN

Q. Are you the same Ryan Callahan who filed direct testimony in this case?

A. Yes.

Q. What is the purpose of your rebuttal testimony?

A. I am responding to a portion of the direct testimony filed by Public Service Commission of Wisconsin (“PSCW” or “Commission”) witness Bert Chee related to the performance of a post-construction noise study.

Q. Does PSCW Witness Chee suggest any certificate conditions with respect to noise?

A. Yes. Mr. Chee suggests the following certificate condition:

Grant County Solar shall perform a post-construction noise study as described in the most current version of the PSC Noise Measurement Protocol. In the event of a substantial change to the proposed facility layout, Grant County Solar shall confer with Commission staff to determine if a new pre-construction noise study must be completed. Grant County Solar shall file a copy of the post-construction noise study report with the Commission.

Q. Does Grant County Solar, LLC (“Grant County Solar”) agree with Mr. Chee’s request?

A. Yes. As described in Section 5.17 of the Application, Grant County Solar conducted a pre-construction Sound Assessment for the Project and provided it to the Commission in Appendix S to the Application.¹ The Sound Assessment demonstrates that, even with very

¹ PSC REF#:389011

1 conservative assumptions, Project related sound will not exceed 45 dBA at nighttime and
2 50 dBA during the daytime, which is consistent with the requirements for wind generating
3 facilities found in Wis. Admin. Code § PSC 128.14. Accordingly, the operation of the
4 Project will not result in any individual hardships based on noise. Wis. Stat. §§
5 196.491(3)(d)3. Additionally, the Project will not result in undue adverse impacts to public
6 health and welfare relating to noise. See Wis. Stat. §§ 196.491(3)(d)4. Finally, Grant
7 County Solar agrees to perform a post-construction noise study as described in the most
8 current version of the PSC Noise Measurement Protocol. Grant County Solar will file a
9 copy of the post-construction noise assessment with the Commission. In the event of a
10 substantial change to the proposed facility layout, Grant County Solar will confer with
11 Commission staff to determine if a new pre-construction noise study must be completed.

12 **Q. Does this conclude your prefiled rebuttal testimony?**

13 A. Yes.