



June 14, 2024

Allen Wynn
Senior Director, Environmental & Permitting
Pattern Energy

Re: Addendum to Heritage Prairie Shadow Flicker Analysis Report (v7)

Dear Mr. Wynn:

Burns & McDonnell Engineering Company, Inc. (“Burns & McDonnell”) previously provided a Shadow Flicker Analysis (the “Report”) to Illinois Generation LLC (“Client”). The Report was issued to Client on March 26, 2024 to present the results of a shadow flicker analysis (the “Study”) for the proposed Heritage Prairie Wind Project (the “Project”).

At the request of Client, Burns & McDonnell has performed an additional shadow flicker analysis to supplement the original analysis performed in the Report. For this supplemental analysis, sunshine was modeled as 100 percent (100%), meaning those conditions that would exist if the sun were to shine every day of the year with no cloud cover, as described in Section 56.619.E of the Livingston County Ordinance. All other inputs, methodology, and assumptions described in the Report were unchanged and remain applicable to this Addendum.

A summary of results from this supplemental analysis considering 100% sunshine probability are presented below. These results include receptors in Livingston County only.

Turbine Layout	No. of Turbines	No. of Receptors	No. of Participating Receptors, Flicker ≥ 30 hr/yr	No. of Non-Participating Receptors, Flicker ≥ 30 hr/yr
145 x GE 3.4-154	71	289	10	36
137 x V163-4.5	71	289	11	57

Sincerely,

Aaron Anderson, P.E.
Senior Managing Director