

October 27, 2025

**RE: Glare Study Summary
CFP IL Orchard Solar LLC
Kane County, Illinois
21 MW DC (15 MW AC) Community Solar Facility
Location: Sugar Grove Township, Township 38N, Range 7E, Sections 27
and 34, at 41W30 Jericho Road, Aurora, Kane County, IL 60506**

To Whom it May Concern,

We have prepared the following summary for the potential glare impact of the Orchard solar project:

GLARE STUDY SUMMARY

The glare analysis for Orchard Solar indicates potential glare for less than 0.2% of annual daylight hours, primarily affecting motorists along Jericho Road and limited isolated receptors. No significant glare was predicted for FAA flight paths or the Aurora Air Traffic Control Tower. The study explains that motorists would only experience glare if traveling in the right direction and looking directly at the panels at the exact modeled time; because drivers are focused on the roadway and remain in motion, actual exposure would be brief and unlikely to cause a hazard. The analysis also did not account for existing vegetation, backtracking controls, or the perimeter screening that will be installed, which will further reduce and mitigate potential effects. Accordingly, the likelihood of the project causing a hazard to motorists is low.

AIR TRAFFIC

The FAA will be notified of the Project, in accordance with recommendations identified in the Technical Guidance for Evaluating Selected Solar Technologies on Airports (FAA, 2010).

RECOMMENDATIONS

In addition to the federally required submittal to the FAA, it is recommended that vegetative screening be installed around the perimeter of the project site, as is currently planned.

Sincerely,

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