## Enel Green Power North America

Flowing Springs Solar Project Jefferson County Planning Commission May 9, 2023















INTERNAL

**Flowing Springs Project Team** 

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### John Crosby

Environmental & Permitting Senior Manager

### Sam Judd

Senior Development Manager

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## Kyle Spayd

Civil Engineer – Energy Professional Engineer

































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#### Solar Energy System & Components Panels and Inverters

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Photovoltaic technology is **not new**.

• Commonly installed on houses, offices, schools, etc. for decades.

The Hill, September 15, 2022 - "Nearly 1 in 10 Schools Now Uses Solar Power"

- Panels are made of silicon, glass and aluminum.
- Inverters change the energy from Direct Current to Alternating Current for injection into the grid.
- All electrical equipment UL listed and will conform to industry standards.





### SOUND

✓ Inverters make a very low humming sound during the day, when the array generates electricity.

 $\checkmark$  Inaudible at the fence line.





### GLARE

- ✓ Anti-reflective coating designed to absorb rather than reflect light.
- ✓ Less reflective than windows.\*
- ✓ Installed at numerous airports (Indianapolis, Denver).
- Conduct a glint/glare analysis; comply with FAA requirements.

\*(National Renewable Energy Laboratory (NREL) - Megan Day, 2016)



### Wildlife

- ✓ Must work with local, state, federal authorities to ensure conservation procedures followed.
- ✓ Will maintain wildlife corridor on this project.



