

Martin County Solar Project, LLC
Response to Siting Board's Second Request for Information
Case No. 2021-00029

Request No. 1: Refer to Martin County Solar's response to Commission Staff's First Request for Information (Staff's First Request), Request 2, which states that participating landowners will contact the Kentucky Department of Fish & Wildlife Resources (Fish & Wildlife) to have enrolled land removed from their program. Confirm the number of participating landowners within the project footprint who will need to contact Fish & Wildlife.

Response: Two landowners.

Responding Witness: Erich Miarka

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Request No. 2: Refer to page 2 of the Site Assessment Report (SAR), Exhibit F, which indicates there will be an operation and maintenance trailer on site. Confirm the approximate location of this trailer and file a PDF map showing its location

Response: See below.

Responding Witness: Josh Crumpler

MARTIN COUNTY SOLAR PROJECT



- Project Boundary
- Facilities
 - Project Substation
 - Project O&M

Miles
0 0.25 0.5
Scale: 1:25,000
Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
Confidential and proprietary information.
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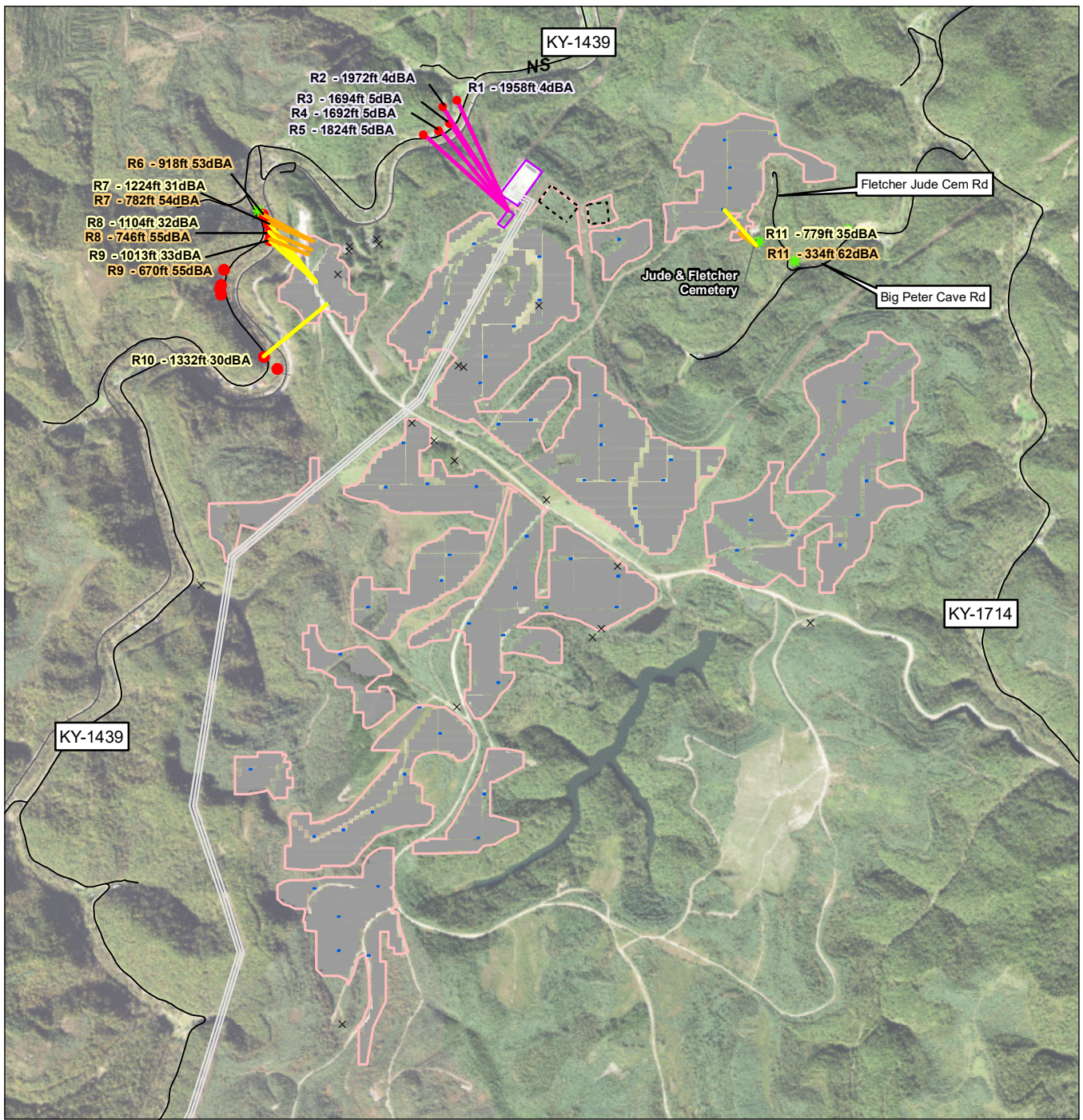
MARTIN COUNTY
Martin County, Kentucky
Date: 8/10/2021
Analyst: ehunsicker

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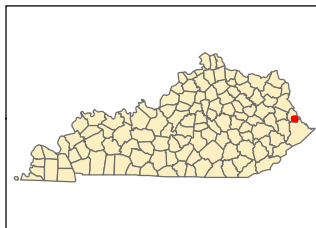
Request No. 3: Update the Figure No. 2 in Appendix A of the Noise Assessment Report in the SAR to include the numbers associated with each noise receptor as reported in Martin County Solar's responses to Staff's First Request, Requests 18 through 20.

Response: See below. When we reviewed the original figure, we observed that the substation noise levels were calculated using the existing AEP substation, not the project substation. The project substation is slightly further away from the receptors, which reduced the noise levels by 1DBa from those originally presented. All noise levels are less than 5DBa and will not contribute any additional noise to the surrounding area.

Responding Witness: Josh Adams



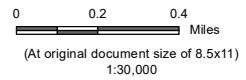
C:\Users\acoleman\OneDrive - Stantec Office\365\PROJECTS\KY_Solar_Noise\mapping\martin_figure2_receptors_rev3a.mxd Revised: 2021-08-05 By: acoleman



Notes
 1. Coordinate System: NAD 1983 2011 StatePlane Kentucky South FIPS 1602 Ft US
 2. Data Sources: Martin County Solar LLC, Stantec
 3. Background: 2018 USDA-NAIP-FSA Imagery - Kentucky (60cm resolution) Kentucky Transportation Cabinet (KYTC)

Legend

- Transmission Line (138kV)
- Noise Sensitive Receptors - Residential
- Noise Sensitive Receptors - Cemetery
- Other structures (barns, sheds)
- KYTC Roads
- Substation
- Potential Battery Storage
- Potential Fenceline
- Potential Inverter Location
- Potential PV Layout - 200MW
- Rail
- Distance from Receptor to Substation
- Distance from Receptor to Tracking Motors
- Distance from Receptor to Inverter



Project Location
 Lyon County, KY

Prepared by ALC on 2021-03-03
TR by MMM on 2021-03-04
IR Review by JA on 2021-03-04

172658261 REVA

Client/Project
 Martin County Solar LLC
 Martin County Solar Facility
 Noise Assessment

Figure No.
2

Proposed Layout and Noise Sensitive Receptor Map

Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.

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Request No. 4: Please refer to the SAR, Section I, and the Kirkland Report, SAR Exhibit B. There is a large difference between the proposed project areas noted in these documents. Section I of the SAR indicates a project area of 2,541 acres and the Kirkland Report indicates a project area of 4,122 acres. Martin County Solar has confirmed in previous responses that the project footprint was expanded after the Kirkland report was written.

- a. Confirm and clarify in detail whether the Kirkland Report was conducted using a project footprint of 4,122 acres.
- b. Confirm the project area.

Response:

- a. The Kirkland report indicates that the Project will be using a portion of a 4,122 acre assemblage. At the time the report was written, the Project was contemplated as being a 100MW solar facility. The Project has since been expanded to a 200MW solar facility. The Project is not utilizing all of those acres on all of tracts that make up the entire assemblage, but rather a set number of acres (in the case of the project 2,541 acres) within the total 4,122 acre assemblage. Therefore, even with the increase in the Project area, the report findings are still valid.
- b. 2,541 acres

Responding Witness: Jason Funk

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Request No. 5: Refer to the Staff's First Request. Martin Co. Solar indicated that the project footprint expanded after the Kirkland Report on the impact to adjoining property was written. Confirm whether changed footprint impacts the "Adjoining Use Breakdown" table shown on page 4 of Exhibit B in the SAR.

Response: The expanded footprint does not impact the adjoining uses table. As noted in the response to 4a above, the expanded Project area is still included within the 4,122 acre assemblage that was studied in the Kirkland report.

\Responding Witness: Jason Funk