

**Exhibit S**  
**FAA Coordination Letter**



# Crawford & Associates Engineering and Land Surveying, PC

Engineering Consultants, Planners, Geologists & Surveyors

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July 21, 2021

Nottingham Solar LLC  
400 Market Street Industrial Park, Suite 32  
Wappinger Falls, NY 12590

**RE: Nottingham Solar  
FAA Coordination  
C&A #5204.24**

As requested, Crawford & Associates Engineering & Land Surveying, PC (C&A) has initiated coordination with the FAA with regard to the construction of the proposed Nottingham Solar facility. The FAA Notice Criteria Tool<sup>1</sup>, was used as a pre-screening tool. Two locations on the site were used as inputs for the FAA Notice Criteria Tool. These locations were as follows: the lightening mast present within the substation and the edge of the closest array to the Harrison County Airport. The lightening mast within the substation exceeded the minimum notice criteria, while the edge of array did not exceed the minimum notice criteria.

As shown in Figure 1, the facility does not require filing with the FAA. Note that C&A has also evaluated potential impacts to the Harrison County Airports via glare from the PV modules, and found no glare is predicted (see Glint/Glare Analysis).

Due to proximity of the substation to the Harrison County Airport (FAA ID #8G6), as shown in Figure 2, the Applicant plans to file notice with the FAA prior to completing detailed design to ensure that any required design modifications can be accounted for, and shall file at least 45 days prior to the start of construction as required by the FAA. The substation design will be addressed in more detail in a separate application.

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<sup>1</sup> Federal Aviation Administration Notice Criteria Tool, accessed June 8, 2021 at <https://oeaaa.faa.gov/oeaaa/external/gisTools/gisAction.jsp?action=showNoNoticeRequiredToolForm>

The requirements for filing with the Federal Aviation Administration for proposed structures vary based on a number of factors: height, proximity to an airport, location, and frequencies emitted from the structure, etc. For more details, please reference [CFR Title 14 Part 77.9](#).

You must file with the FAA at least 45 days prior to construction if:

- your structure will exceed 200ft above ground level
- your structure will be in proximity to an airport and will exceed the slope ratio
- your structure involves construction of a traverseway (i.e. highway, railroad, waterway etc...) and once adjusted upward with the appropriate vertical distance would exceed a standard of 77.9(a) or (b)
- your structure will emit frequencies, and does not meet the conditions of the [FAA Co-location Policy](#)
- your structure will be in an instrument approach area and might exceed part 77 Subpart C
- your proposed structure will be in proximity to a navigation facility and may impact the assurance of navigation signal reception
- your structure will be on an airport or heliport
- filing has been requested by the FAA

If you require additional information regarding the filing requirements for your structure, please identify and contact the appropriate FAA representative using the [Air Traffic Areas of Responsibility map](#) for Off Airport construction, or contact the [FAA Airports Region / District Office](#) for On Airport construction.

The tool below will assist in applying Part 77 Notice Criteria.

Latitude:	<input type="text" value="40"/> Deg	<input type="text" value="11"/> M	<input type="text" value="31.35"/> S	<input type="text" value="N"/> ▾
Longitude:	<input type="text" value="81"/> Deg	<input type="text" value="02"/> M	<input type="text" value="44.21"/> S	<input type="text" value="W"/> ▾
Horizontal Datum:	<input type="text" value="NAD83"/> ▾			
Site Elevation (SE):	<input type="text" value="1200"/> (nearest foot)			
Structure Height :	<input type="text" value="15"/> (nearest foot)			
Traverseway:	<input type="text" value="No Traverseway"/> ▾			
	<small>(Additional height is added to certain structures under 77.9(c)) User can increase the default height adjustment for Traverseway, Private Roadway and Waterway</small>			
Is structure on airport:	<input checked="" type="radio"/> No <input type="radio"/> Yes			
	<input type="button" value="Submit"/>			

### Results

You do not exceed Notice Criteria.

Figure 1: Inputs and Results for Edge of Array

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You must file with the FAA at least 45 days prior to construction if:

- your structure will exceed 200ft above ground level
- your structure will be in proximity to an airport and will exceed the slope ratio
- your structure involves construction of a traverseway (i.e. highway, railroad, waterway etc...) and once adjusted upward with the appropriate vertical distance would exceed a standard of 77.9(a) or (b)
- your structure will emit frequencies, and does not meet the conditions of the [FAA Co-location Policy](#)
- your structure will be in an instrument approach area and might exceed part 77 Subpart C
- your proposed structure will be in proximity to a navigation facility and may impact the assurance of navigation signal reception
- your structure will be on an airport or heliport
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If you require additional information regarding the filing requirements for your structure, please identify and contact the appropriate FAA representative using the [Air Traffic Areas of Responsibility map](#) for Off Airport construction, or contact the [FAA Airports Region / District Office](#) for On Airport construction.

The tool below will assist in applying Part 77 Notice Criteria.

Latitude:	<input type="text" value="40"/> Deg <input type="text" value="11"/> M <input type="text" value="22.3"/> S <input type="text" value="N"/>
Longitude:	<input type="text" value="81"/> Deg <input type="text" value="02"/> M <input type="text" value="30.02"/> S <input type="text" value="W"/>
Horizontal Datum:	<input type="text" value="NAD83"/>
Site Elevation (SE):	<input type="text" value="1315"/> (nearest foot)
Structure Height :	<input type="text" value="70"/> (nearest foot)
Traverseway:	<input type="text" value="No Traverseway"/> <small>(Additional height is added to certain structures under 77.9(c)) User can increase the default height adjustment for Traverseway, Private Roadway and Waterway</small>
Is structure on airport:	<input checked="" type="radio"/> No <input type="radio"/> Yes
<input type="button" value="Submit"/>	

### Results

You exceed the following Notice Criteria:

77.9(b) by 88 ft. The nearest airport is 8G6, and the nearest runway is 13/31.

The FAA requests that you file

Figure 2: Inputs and Results for the Lightning Mast within Substation

Very truly yours,  
**Crawford & Associates Engineering and  
Land Surveying, P.C.**



Jennifer Crawford,  
Project Manager I