

**BEFORE THE OHIO POWER SITING BOARD**

<b>In the Matter of the Application of</b>	)	
<b>Angelina Solar I, LLC</b>	)	
<b>for a Certificate of Environmental</b>	)	<b>Case No. 18-1579-EL-BGN</b>
<b>Compatibility and Public Need</b>	)	

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**DIRECT TESTIMONY OF MARK J. BONIFAS**

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**Q.1. Please state your name, title and business address.**

**A.1.** My name is Mark J. Bonifas. I am a Civil Engineering Practice Leader/Principal at Hull & Associates, Inc. My business address is 6397 Emerald Parkway, Suite 200, Dublin, OH 43016.

**Q.2. What are your duties as a Civil Engineering Practice Leader/Principal?**

**A.2.** As the Civil Engineering Practice Leader, I manage civil engineering, renewable energy and land development projects in multiple states providing creative strategies to secure funding, meet regulatory requirements and streamline the due diligence, design, permitting, and construction phases of a project. I manage multi-disciplinary teams, interact with local and state agencies, and lead environmental assessments, remedial actions, and permitting and engineering design for infrastructure at large commercial and industrial sites. I am part of our business development team that focuses on the energy, environmental and infrastructure markets. Our clients include public and private clients in the energy, healthcare, retail, office, recreational, ecological restoration, commercial, mixed-use, and industrial markets. I also manage our Dublin, Ohio engineering group and provide technical engineering support for Hull's other offices.

**Q.3. What is your educational and professional background?**

**A.3.** I have a Bachelor of Science in Civil Engineering from the Ohio State University and have been practicing engineering as an engineering consultant for 31 years. I have been a registered Professional Engineer in Ohio for 26 years and I'm also a registered Professional Engineer in 15 other states. I have been performing civil engineering services on renewable energy projects for over 10 years.

**Q.4. On whose behalf are you offering testimony?**

**A.4.** I am testifying on behalf of the Applicant, Angelina Solar I, LLC in support of its application filed in Case No. 18-1579-EL-BGN.

**Q.5. What is the purpose of your testimony?**

**A.5.** The purpose of my testimony is to describe studies my firm undertook on behalf of the Applicant, to summarize the results of those studies and provide my assessment of traffic impacts of the Angelina Solar Project.

**Q.6. Please describe the studies that you and your firm undertook on behalf of the Applicant.**

**A.6.** Hull undertook a Route Evaluation Study of the Angelina Solar Project to evaluate the anticipated impact of the construction of the Project on roads and bridges and any needed improvements prior to construction or likely repairs needed following construction. The Route Evaluation Study also evaluated the need for any transportation-related permits and potential impact on local traffic. A copy of that study is included in the Application as Exhibit D.

**Q.7. What were the conclusions of the Route Evaluation Study?**

**A.7.** It concluded that the roads and bridges generally were in good condition, that they are of a type and width sufficient to accommodate the deliveries for the construction of the Project, and that no major repairs or upgrades are needed for construction. Some of the smaller roads in the Project Area exhibit some cracking and other signs of wear and deterioration, but those can readily be addressed with local authorities so that their post-construction condition is as good as or better than now. In addition, the Route Evaluation Study did not identify any bridges on the expected delivery routes or in the vicinity of the Project Area that will be impacted by the Project.

The Route Evaluation Study also concluded that the vast majority of the vehicles will be of legal weight and dimensions. Some limited components such as switchgear or transformers for the substation may require the use of oversize/overweight vehicles. Special hauling permits would be needed for these oversize/overweight vehicles. It noted that Driveway Permits would be required for the road entrances and Road Crossing Permits would be required for any crossings of roads with buried electrical lines. The Route Evaluation Study also concluded that the travelling public is likely to experience, at most, minor delays and inconveniences during the construction of the Project.

**Q.8. What is your overall assessment of the potential traffic impacts of the Angelina Solar Project?**

**A.8.** Based on the results of the Route Evaluation Study and my experience, I would not expect the construction or operation of the Project to have a negative effect on the travelling public. I would also not expect the construction or operation of the Project to have a

negative effect on the condition of the local roadways that could not be maintained during construction or restored post-construction.

**Q.9. Does this conclude your direct testimony?**

**A.9.** Yes, it does.

**CERTIFICATE OF SERVICE**

The Ohio Power Siting Board's e-filing system will electronically serve notice of the filing of this document on the parties referenced in the service list of the docket card who have electronically subscribed to this case. In addition, the undersigned certifies that a courtesy copy of the foregoing document is also being served upon the persons below via electronic mail this 3rd day of May 2019.

/s/ MacDonald W. Taylor

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Summary: Testimony Direct Testimony of Mark Bonifas electronically filed by Mr. MacDonald W Taylor on behalf of Angelina Solar I, LLC