

**BEFORE
THE OHIO POWER SITING BOARD**

In the Matter of the Application of Wild	:	
Grains Solar, LLC for a Certificate of	:	Case No. 21-0823-EL-BGN
Environmental Compatibility and Public	:	
Need.	:	
	:	

**PREFILED TESTIMONY
OF**

Thomas J. Crawford, PhD, PE

**ON BEHALF OF THE STAFF OF THE
PUBLIC UTILITIES COMMISSION OF OHIO,
POWER SITING DEPARTMENT**

STAFF EX. ____

May 19, 2022

1 1. Q. Please state your name and business address.

2 A. My name is Thomas Crawford, and my business address is 180 East Broad
3 Street, Columbus OH 43215.
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5 2. Q. By whom are you employed and what is your position?

6 A. I am employed by the Public Utilities Commission of Ohio (PUCO or
7 Commission) as an Electric Energy Specialist within the Power Siting
8 Department.
9

10 3. Q. Please summarize your educational background.

11 A. I received a Bachelor of Science in Chemical Engineering, Magna cum
12 Laude, and a Master of Science in Nuclear Engineering from the University
13 of Cincinnati. Additionally, I have received a Master of Science degree in
14 Mechanical Engineering and a Doctor of Philosophy in Mechanical
15 Engineering from Drexel University. I have also taken a number of courses
16 in Computer Science from Franklin University, and I have taken several
17 graduate-level courses in recent years in Mechanical Engineering and
18 Nuclear Engineering at The Ohio State University.
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1 4. Q. Please summarize your work experience.

2 A. Beginning in August 2020, I was employed by Alpha-Rae Personnel, Inc.
3 and assigned as a contractor to the PUCO. My duties included writing the
4 *Project Description and Need* section of the accelerated Cases and the
5 *Electric Grid* portion of the Staff Report of Investigation for major Solar
6 Facility Projects. I have been working directly with the PUCO since August
7 2021. My duties continue to be the writing of the *Project Description and*
8 *Need* section of the accelerated Cases and the *Electric Grid* section and now
9 the *Wind Velocity* section of the Staff Reports of Investigation for major Solar
10 Facility Projects. From March 2002 until May 2018, I was an Adjunct
11 Instructor and a Tutor in Physics, Engineering Fundamentals, and Natural
12 Science at Columbus State Community College. The Fisher College of
13 Business utilized me as an Adjunct Instructor in Statistics from January 2005
14 until December 2006. At American Electric Power from December 1984
15 until February 2002, I was involved in Technical Assessment and Analysis
16 of Nuclear, Coal-fired, and Hydroelectric Plants on the AEP System. These
17 responsibilities involved considerable computer programming, and some
18 additional programming activities involved preparations for what has
19 become known as Y2K. I was also an engineer with the Philadelphia Electric
20 Company doing nuclear core analysis, refueling requirements, control rod
21 sequencing reviews, spent fuel handling and storage, and analysis of
22 radiation shielding requirements from July 1978 until August 1981. As a

graduate student, in 1981 through 1982, I was an instructor in the Shift Technical Advisor program for the proposed Zimmer Nuclear Station near Cincinnati, Ohio.

5. Q. Have you testified in prior proceedings before the Ohio Power Siting Board?

A. Yes.

6. Q. What is the purpose of your testimony in this proceeding?

A. I am sponsoring a portion of the Staff Report of Investigation. I prepared the *Wind Velocity* section of the Staff Report of Investigation, which was filed April 18, 2022.

7. Q. Are you responsible for any specific conditions in the Staff Report? If so, which ones?

A. No, there are no Conditions related to Wind Velocity.

8. Q. Does this conclude your testimony?

A. Yes, it does. However, I reserve the right to submit supplemental testimony as new information subsequently becomes available or in response to positions taken by other parties.

PROOF OF SERVICE

I hereby certify that a true copy of the foregoing Prefiled Testimony of Thomas J. Crawford, submitted on behalf of the Staff of the Public Utilities Commission of Ohio, Power Siting Department, was served via electronic mail, upon the following parties of record, this 19th day of May 2022.

/s/Werner L. Margard

Werner L. Margard

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Summary: Testimony of Thomas Crawford electronically filed by Mrs. Tonneta Y.
Scott on behalf of OPSB