



150 E. GAY STREET, 24<sup>TH</sup> FLOOR  
COLUMBUS, OH 43215-3192  
TELEPHONE: (614) 744-2570  
FACSIMILE: (844) 670-6009  
<http://www.dickinsonwright.com>

CHRISTINE M.T. PIRIK  
CPirik@dickinsonwright.com  
(614) 591-5461

August 30, 2019

Ms. Tanowa Troupe, Secretary  
Ohio Power Siting Board  
Docketing Division  
180 East Broad Street, 11<sup>th</sup> Floor  
Columbus, OH 43215

**Re: Case Nos. 17-773-EL-BGN and 18-1360-EL-BGN**  
In the Matter of the Applications of Hardin Solar Energy LLC/Hardin Solar Energy II LLC  
for a Certificate of Environmental Compatibility and Public Need to Construct a Solar-Powered  
Electric Generation Facility in Hardin County, Ohio.

**Compliance with Condition 14, Case Nos. 17-773-EL-BGN and 18-1360-EL-BGN,  
Lighting Plan**

Dear Ms. Troupe:

Hardin Solar Energy LLC/Hardin Solar Energy II LLC ("Applicant") is certified to construct a solar-powered electric generation facility in Hardin County, Ohio, in accordance with the orders issued by the Ohio Power Siting Board ("OPSB") in the above-referenced cases. By Entry issued May 16, 2019, the OPSB approved the merger of the certificates issued to Hardin Solar Energy LLC and Hardin Solar Energy II LLC, for a combined generating capacity of 320 megawatts ("MW"). The Applicant is currently preparing to begin construction on the initial 150 MWs of the 320-MW project.

At this time, the Applicant is filing the attached Lighting Plan in compliance with Condition 14 of the OPSB's February 15, 2018 Order in Case No. 17-773-EL-BGN and May 16, 2019 Order in Case No. 18-1360-EL-BGN.

We are available, at your convenience, to answer any questions you may have.

Respectfully submitted,

/s/ Christine M.T. Pirik

Christine M.T. Pirik (0029759)

William V. Vorys (0093479)

Dickinson Wright PLLC

150 East Gay Street, Suite 2400

Columbus, Ohio 43215

***Attorneys for Hardin Solar Energy LLC***

***/Hardin Solar Energy II LLC***

cc: Jim O'Dell

COLUMBUS 39579-24 121189v2



# HARDIN SOLAR FARM

LIGHTING PLAN

HARDIN COUNTY, OH

August, 2019

## Hardin Solar Construction Lighting Plan

Temporary lighting will be required for the duration of construction for safety and security. Although it is not the intention during the scheduling of the project, delays encountered during construction may require additional working shifts to meet project schedule, including night work. Night work will be defined as work performed between 30 minutes before sunset and 30 minutes after sunrise.

### SAFETY

All pieces of equipment will have operating lights to illuminate operator's controls, any backhoe and/or loader buckets, and illuminate the equipment reach limits around rotating equipment. Illumination for non-rotational equipment will be defined typically as 50 feet in front and behind and 5 feet to each side.

For safety purposes headlights will not be allowed as the sole means of illumination while operating.

### SECURITY

To prevent the risk of theft and tampering, contractor might choose to install security lighting solutions like LiveView Technologies D3 Edge or similar security trailer with motion sensing strobe and flood lights.

Security trailers, may be installed near project main entrances, areas with stored material, and areas of active work.

Security fixtures are motion sensitive. No lights will be on during the day.

## NIGHT WORK

If night work is necessary due to schedule constraints, lighting for night work space will be provided where construction equipment, workers on foot, or both are present. The work space may be stationary or may move as the work progresses and illumination will be accomplished by using a combination of portable lights, and equipment mounted lights.

Lighting practices include furnishing, operating, maintaining, moving, adjusting, and removing lighting to illuminate construction work spaces for night work. Construction lighting, when used, will move following the construction sequence. Night work lighting will only be on for the duration of the shift.

- Terex AL5 Portable light plants or similar will be used as a primary means of illumination. Construction lights are typically white light. If the work taking place is near public roads the light plant will be aimed perpendicular to the roadways and downward towards the work to avoid glare to oncoming drivers. If the lighting disturbs the adjoining property, lighting arrangement will be modified or hardware to shield the light trespass will be added.
- Construction equipment will be equipped with conventional vehicle headlights, in addition to flood lights.

## OPERATIONS

Operations at the substation typically require continuous nighttime lighting turned on with a photocell and designed to meet minimum requirements for safety and security. Substation lights are typically continuous amber lights. The general purpose of substation lighting is to light the ground and general area to the fence. The lighting design shall consider ways to reduce light trespass in directions where neighbors are known to exist through light fixture placement and control of the fixture light output.

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**8/30/2019 10:33:45 AM**

**in**

**Case No(s). 17-0773-EL-BGN, 18-1360-EL-BGN**

Summary: Notice of Compliance with Condition 14, Lighting Plan electronically filed by Christine M.T. Pirik on behalf of Hardin Solar Energy II LLC and HARDIN SOLAR ENERGY LLC