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October 6, 2021

Ms. Tanowa Troupe, Secretary Ohio Power Siting Board Docketing Division 180 East Broad Street, 11th Floor Columbus, Ohio 43215-3797

> **Re:** Case No. 20-1679-EL-BGN - In the Matter of the Application of Pleasant Prairie Solar Energy LLC for a Certificate of Environmental Compatibility and Public Need to Construct a Solar-Powered Electric Generation Facility in Franklin County, Ohio.

Third Supplement to Application – Supplement to Application Exhibit E, Landscape, Vegetation Management, and Lighting Plan

Dear Ms. Troupe:

On February 19, 2021, as supplemented on April 7 and 21, 2021, Pleasant Prairie Solar Energy LLC, filed an application with the Ohio Power Siting Board for a Certificate of Environmental Compatibility and Public Need to construction a 250-megawatt, solar-powered electric generation facility in Franklin County, Ohio ("Application"). At this time, please find the attached supplement to Exhibit E to the Application filed on February 19, 2021, the Landscape, Vegetation Management, and Lighting Plan.

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

Respectfully submitted,

<u>/s/ Christine M.T. Pirik</u> Christine M.T. Pirik (0029759) William Vorys (0093479) Matthew C. McDonnell (0090164) Dickinson Wright PLLC 150 East Gay Street, Suite 2400 Columbus, Ohio 43215 (614) 591-5461 cpirik@dickinsonwright.com wvorys@dickinsonwright.com mmcdonnell@dickinsonwright.com Attorneys for Pleasant Prairie Solar Energy LLC

Cc: Grant Zeto Theresa White Randal Schumacher Jon Pawley Ms. Tanowa Troupe Pleasant Prairie Solar Energy LLC Case No. 20-1679-EL-BGN Page 2

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 these cases. In addition, the undersigned certifies that a copy of the foregoing document is also being served upon the persons below this 6th day of October, 2021.

/s/ Christine M.T. Pirik Christine M.T. Pirik (0029759)

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Pleasant Prairie Solar

Conceptual Landscape Plan – Planting Plan – Supplemental

			Low Profile Solar Array Seed Mix				
Conceptual Landscape		Site preparation for all areas within the solar array area will include the		Scientific Name	Co	ommon Name Lbs	/acre
Plan Layout	removal of existing vegetation.			Aarostis alba		Redtop	0.1
				Carex spp.	Upla	nd sedge species 0	.25
		The short stature seed mix for the solar array areas includes additional Darby Plains Indicator species to maximize ecological consistency and pollinator benefits. The mix, which includes a nurse crop, will be applied across the entire solar array area at a rate of 49.5 lb/acre.		Chamaecrista fasciculat	a P	Partridge nea) 5
Color America				Elumus canadensis		and a wild rve	<u>15</u>
Solar Array				Bromus kalmii		Prairie brome	25
Area	and have the second of the second			Eestuca ruhra (Canada	, .	Red fescue	15
		Nurse crop species will vary depending on the timing of the planting, but can include annual wheat, rye, and oats.		Sporobolus batarolansi	/ Dr	airia dransood	15
~1,900 Acres				Schizachyrium scopariu	m Li	ittle bluestem	1.5
				T : (- 1)		De de la com	25
				Trifolium pratense		Red clover 0	25
					Nurse/Co	ver Crop	
	1 al al Carlos and a state of the second			Avena sativa		Seed oats 3	1.00
			L	Lollum multiflorum		Annual rye 1	
Deer 🗕							
Fence		<u>Planting Modules</u> – per the submitted Viewshed Plan	Darby Plains	Indicator Prairie Mix		Native W	ody Species
			Scientific Name	Common Name	Lbs/acre	St	rubs
		 Module 1 - low screening needs (local roadways, low social to the social to be sold to be 	Allium cernuum	Nodding wild onion	0.10	Scientific Name	Common Name
		periodic viewersnip boundaries)	Acclanias tubarosa	Buttorfly milkwood	0.10	Corvlus americana	<u>American bazelnut</u>
		 Native Darby Plains indicator Prairie IVIX (49.5 lbc/ac) 	Astragalus canadonsis	Canadian milk vetch	0.10	Cornus racemosa	Grav.dogwood
Screening		103/ 20/	Astrugulus culturelisis		0.15	Lindera benzoin	Spicebush
Corridor/ Planting		Module 2- moderate screening needs (along major	Carex spp.	Opland sedge species	0.20	Rhus aromatica	Fragrant sumac
Modules		roadways)	Chamaecrista fasciculata	Partridge pea	0.50	Rhus glabra	Smooth sumac
Wodules	Section of the section of the	Native Darby Plains Indicator Prairie Mix (49.5	Elymus canadensis	Canada wild rye	4.00	Rosa setigera	Prairie rose
25' Wide		lbs/ac)	Elymus villosus	Silky wild rye	0.25	Viburnum lentago	Nannyberry
All areas outside		 10 native shrubs/ 100 feet (ft) 	Eupatorium altissimum	Tall boneset	0.10	T	ees
of deer fencing	a service and the service of the ser		Monarda fistulosa	Wild bergamot	0.10	Acer saccharum	Sugar maple
Module type	State State State State	 Module 3- high screening needs (near residences or other 	Penstemon digitalis	Foxglove beardtongue	0.10	Celtis occidentalis	Hackberry
varies depending		high visibility areas)	Rudbeckia hirta	Black-eyed Susan	0.20	Cornus florida	Flowering dogwood
on site-specific	Contraction of the state of the	Native Darby Plains Indicator Prairie Mix	Schizachyrium scoparium	Little bluestem	1.50	Diospyros virginiano	Persimmon
screening needs		(49.5 lbs/ac)	Solidago nemoralis	Oldfield goldenrod	0.05	Juniperus virginiand	Eastern red cedar
-	And a start of the	• 1 outer row of native evergreen trees	Symphyotrichum laeve	Smooth blue aster	0.05	Pinus strobus	White pine
		(10 stems/100 ft)	Verbena hastata	Blue vervain	0.10	Prunus americana	Wild plum
		(10 stems/100 ft)	Co	over Crop		Quercus macrocarpo	Bur oak
		 10 native shrubs/ 100 feet interspersed 	Avena sativa	Seed oats	30.00	Quercus rubra	Post oak
			Lolium multiflorum	Annual rye	12.00	Thuia occidentalis	Northern white cedar
						Zanthoxylum american	um Prickly ash
General Setback Area Distance Varies depending on various agreement ctimulations and	ieneral Standard Setback Framework will be determined by the greater of: If setback area remains as part of the project, Pleasant Prairie Solar Energy shall: back Area · 400' from a residence · 50' from a non-participating boundary line · 50' from a municipal ROW nce Varies ending on sagreement If the landowner maintains this area, planting and maintenance will be in accordance with local zoning at the landowner's obligation. OR						
neighbor agreements			Plant Area.	lant the Darby Plains Indicator Prairie mix described above across in the Setback .rea.			

Pleasant Prairie Solar Conceptual Landscape Plan – Operations & Maintenance Plan



Proposed cross section of Pleasant Prairie Solar Layout, looking down the fence line

Vegetation Management (All Screening Modules, Solar Array Areas, and Setback Areas that remain in the Project):

The first three growing seasons after installation are typically referred to as the Establishment Phase, a period when vegetation management is more intensive to control weeds and ensure native vegetation establishes successfully.

In the first and second growing season after installation, mowing shall occur to prevent annual weeds from going to seed. Exact timing of the mowing will depend on biotic and abiotic factors. Herbicide application, by either spot application or broadcast application, shall be employed as needed to control perennial weeds. Reseeding of area with poor vegetative development will also be performed to ensure adequate stabilization and growth.

In the third growing season after installation, herbicide application shall be employed during the growing season to control weeds as needed. Spot-mowing shall be employed as needed, both to control woody material or other invasive species and to remove any vegetation interfering with the energy equipment.

Starting in the fourth growing season, vegetation management transitions to a long-term management phase intended to address new invasive species populations and ensure the vegetation does not interfere with energy generation. Site-wide mowing of the project site shall not occur between April 30th and July 15th, except in specific locations where mowing is necessary to address unusually elevated risks of fire, to prevent plants from shading solar panels, or to prevent invasive or noxious weeds from seeding during that period. Herbicide application shall be employed during the growing season to control weeds as needed.

Monitoring and Reporting (All Screening Modules, Solar Array Areas, and Setback Areas that remain in the Project) :

During the establishment phase of the project (the first three growing seasons after installation), inspections are to occur at least once a month during the growing season (mid-May to mid-October) to evaluate the vegetation on site and determine the necessary tasks to be completed.

Starting in the fourth year after installation, inspections of the site at least once per growing season are employed in order to identify problem weed areas and ensure the correct timing of treatment. Additionally, operations staff for the project will be trained to identify common problem weeds and report new sightings so that all maintenance events can function as monitoring/inspection events.

At the end of each year, the owner or owner's representative will review the work logs from the contractor and maintenance activities to produce a summary report. This report will catalog the work completed during the year and establish a 'punch list' of anticipated tasks to be completed in the following year. During Year 3, this will include an assessment of survivorship of the woody plantings within the screening corridor. If survivorship does not meet the specified requirement, replanting will be performed during a seasonally appropriate window.

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Summary: Application - Third Supplement to Application – Supplement to Application Exhibit E, Landscape, Vegetation Management, and Lighting Plan electronically filed by Christine M. T. Pirik on behalf of PLEASANT PRAIRIE SOLAR ENERGY LLC