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WEST ATLANTIC SOLAR II LLC

Q019091265

A NEW JERSEY COMMUNITY SOLAR ENERGY PILOT PROGRAM APPLICATION

RECEIVED MAIL ROOM SEP 0 9 2019 BOARD OF PUBLIC UTILITIES TRENTON, NJ



Three Radnor Corporate Center, Ste 300 • 100 Matsonford Rd. • Radnor, PA 19087



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1. Executive Summary

Community Energy Solar, LLC (CES) courtesy of West Atlantic Solar II LLC is pleased to present the West Atlantic Solar II project for consideration by the New Jersey Board of Public Utilities (BPU) in Year 1 of the Community Solar Energy Pilot Program. Community solar is an exciting new market that will spread the economic and environmental benefits of renewable energy to New Jersey citizens of all walks of life, including certain underserved communities that have, thus far, been unable to benefit from solar power.

from solar powe	r.				
implement leadi environment and that same comm that shared com	all solar projects are r ng environmental and d good for the commu nitment as evidenced i mitment, we want to	social practices to nity. We know tha n the design of the	ensure that the p t Governor Murp Community Solar	rojects are both hy's office and t Energy Prograi	n good for the the BPU share m. In light of
project, which w		<u> </u>	WW com	4 - Ye - 1-	
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Community Energy feels strongly about the enclosed proposal and would value the opportunity to provide an in-person presentation to expand upon any part of this submittal. CES looks forward to working with the BPU on a productive pilot program rollout and developing successful projects, including West Atlantic Solar II.



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1.1 Company profile

Community Energy was founded in 1999 with the goal of pioneering innovative approaches to the development of renewable energy. In its early years, Community Energy led the development, finance, and construction of more than 450 MW of wind projects in Illinois, Missouri, New Hampshire, New Jersey and Pennsylvania. In 2006, the company was acquired by Iberdrola Renewables, a Spanish utility and the largest renewable energy generation asset owner and operator in the world. Over the next three years the Community Energy team worked for Iberdrola as it built a \$3 billion portfolio of wind assets across the US.

In 2009, under a mutually agreeable spin-out, Community Energy once again became an independent and privately-held company, retaining its well-recognized brand and key members of its proven development team. Leveraging the experience and relationships gained in the development of wind projects, Community Energy launched CES, its solar development initiative. Over the past 10 years, CES has developed over 1,000 MW of solar projects in locations including: Indiana, Illinois, Pennsylvania, Maryland, Virginia, North Carolina, South Carolina, Georgia, Colorado, Utah, Minnesota, New York, New Jersey, and Massachusetts – representing another \$3 billion in invested capital.

CES is currently active across the US, with a solar development pipeline exceeding 3GW. The company is headquartered in Radnor, Pennsylvania, with offices in Boulder, Colorado and Chapel Hill, North Carolina. CES has a current staff of about 55 people in both development and marketing.

1.2 Company Experience

Community Energy has a proven track-record of delivering quality solar projects and has a keen understanding of how to navigate the complex market and financial structures needed to execute long-term deals and get projects built. We have also been a leader in the community solar market, with projects operating and under construction in CO, MN, MA, and NY, as well as serving as a founding member of the leading industry advocacy group Coalition for Community Solar Access (CCSA).

Of specific relevance to the New Jersey Community Energy Solar Pilot Program, CES has already successfully developed 11 projects, over 30MWdc, in the state of New Jersey. We are very familiar with both the land use permitting and utility interconnection processes and have well developed relationships with companies, officials, and consultants across the state that provide the necessary level of expertise at the local level to get projects approved. And in addition to our development capabilities, we also have a veteran, in-house renewable energy marketing team that has managed CES's participation as a utility green power supplier in the New Jersey CleanPower Choice program from 2005—2018 with 2 000 residential and business customers across ACE_PSEG_and ICP&L_Most other



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The above outlined depth and wealth of New Jersey specific experience, along with our corporate office location in Radnor, PA, less than 90 minutes from most of the state, is what sets CES apart as an ideal partner on the NJ Community Energy Solar Pilot Program.

1.2 Project Profile:

The We	st Atlantic S	olar II proje	ect is a plan	ned 3.5 M	WDC comm	unity solar pro	ject on property
located in Atlant	• •		• •				
approximately 1							
The 2.5 MWac p community sola			ct into the A	ACE distribu	ition system	and provide p	power for local
Community Sola	Customers	٥.					
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2. Community Solar Energy Pilot Program Application

Following is the completed Community Solar Energy Pilot Program Application for West Atlantic Solar II LLC.

For all sections that request or require further information or explanation, please refer to the "Community Solar Application – Supporting Information document" that follows the official application. The application will identify and reference the appropriate sections in the Supporting Information document where the necessary information can be found.

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Section B: Community Solar Energy Project Description

Instructions: Section B must be completed in its entirety. Any attachments should be placed at the end of the Application package.

I. Applicant Contact Informat	tion	RF.
		RECEIVED MAIL
Applicant Company/Entity Na	ame: West Atlantic Solar II LLC	
First Name: Brent	Last Name: Bee	erley BOA- SEP D.4.22
Daytime Phone: 917-750-638	Email: jesse.cuta	aia@communityenegying.com U19
Applicant Mailing Address:	Three Radnor Corporate Center, Suite	300, 100 Matsonford Poad Radnor PA
Municipality: Radnor	County: Delaware	Zip Code: 19087/V, NJ 1211/E
Applicant is:	ity Solar Project Owner 🗹 Com	nmunity Solar Developer/Facility Installe
☐ Property/	'Site Owner ☐ Sub	scriber Organization
☐ Agent (if a	agent, what role is represented)	
II. Community Solar Project C	Owner	
3 W		
	THE PURE SEY TO	
	ity Name (complete if known): Wes	
First Name: Brent	Last Name: Bee	erley
First Name: Brent Daytime Phone: 917-750-638	Last Name: Bee Email: jesse.cuta	erley aia@communityenergyinc.com
First Name: Brent Daytime Phone: 917-750-638 Mailing Address: Three Radn	Last Name: Bee Email: jesse.cuta or Corporate Center, Suite 300, 100 M	erley aia@communityenergyinc.com //atsonford Road, Radnor PA
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If the proposed community solar project will be primarily built by a contracted EPC company, complete the following (optional, complete if known):

If the EPC company information is left blank and the proposed project is approved by the Board for participation in the Community Solar Energy Pilot Program, the Applicant must inform the Board of the information below once the EPC company becomes known.

	Last Name:	
	Email:	
vialling Address:		7: 0.1
Municipality:	County:	Zip Code:
V. Property/Site Owner Inform	nation	
Property Owner Company/Ent	ity Name: Rigi Holdings	
	Last Name: Ma	rolda
Daytime Phone:		The state of the s
Applicant Mailing Address: 302	24 Vine Road, Vineland, NJ 08360	
	nship County: Atlantic	Zip Code: 08360
17	New leases to	
/. Community Solar Subscribe	r Organization (optional, complet	e if known)
f this section, "Community S approved by the Board for po must inform the Board of the in	iolar Subscriber Organization," is articipation in the Community So Information below once the Subsc	olar Energy Pilot Program, the viriber Organization becomes know
If this section, "Community Sapproved by the Board for pomust inform the Board of the in	articipation in the Community So nformation below once the Subsc any/Entity Name (optional, comp	olar Energy Pilot Program, the viriber Organization becomes known
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Commi	unity Solar Site Coordinates: -74.943383° Longitude 39.504199° Latitude	
Total A	creage of Property Block and Lots: 35.39 acres	
	creage of Community Solar Facility: 18.6 acres	
located docum	a delineated map of the portion of the property on which the community solar facility will. In the electronic submission, two copies of the delineated map should be provided: 1) as a ent, and 2) as a design plan in drawing file format (.dwg) or as a shapefile (.shp), in orde te integration with Geographic Information System (GIS) software.	PDF
EDC ele	ectric service territory in which the proposed community solar facility is located: (select one)	
	✓ Atlantic City Electric ☐ Jersey Central Power & Light	
	☐ Public Service Electric & Gas ☐ Rockland Electric Co.	
project (month Project up to a	ted date of project completion* (The Applicant should provide a good faith estimate of the data completion; however, this data is being collected for informational purposes only.): December 1) 2020 (year)	onal, No ecial oard
VII. Cor	nmunity Solar Facility Siting	
1.	The proposed community solar project has site control*	n to
2.	The proposed community solar facility is located, in part or in whole, on preserved farmla ☐ Yes ☑ N	
	If "Yes," the Application will not be considered by the Board.	



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*Preserved farmland is defined in N.J.A.C. 14:8-9.2 as land from which a permanent development easement was conveyed and a deed of easement was recorded with the county clerk's office pursuant to N.J.S.A. 4:1C-11 et seq.; land subject to a farmland preservation program agreement recorded with the county clerk's office pursuant to N.J.S.A. 4:1C-24; land from which development potential has been transferred pursuant to N.J.S.A. 40:55D-113 et seq. or N.J.S.A. 40:55D-137 et seq.; or land conveyed or dedicated by agricultural restriction pursuant to N.J.S.A. 40:55D-39.1.

3.	The proposed community solar facility is located, in part or in whole, on Green Acres preserved open space* or on land owned by the New Jersey Department of Environmental Protection (NJDEP)
	If "Yes," the Applicant must attach special authorization from NJDEP for the site to host a community solar facility. The Board will not consider Applications for projects located, in part or in whole, on Green Acres preserved open space or on land owned by NJDEP, unless the Applicant has received special authorization from NJDEP and includes proof of such special authorization in the Application package.
	*Green Acres preserved open space is defined in N.J.A.C. 14:8-9.2 as land classified as either "funded parkland" or "unfunded parkland" under N.J.A.C. 7:36, or land purchased by the State with "Green Acres funding" (as defined at N.J.A.C. 7:36).
4.	The proposed community solar facility is located, in part or in whole, on land located in the New Jersey Highlands Planning Area or Preservation Area ☐ Yes No
5.	The proposed community solar facility is located, in part or in whole, on land located in the New Jersey Pinelands ☐ Yes ☑ No
6.	The proposed community solar facility is located, in part or in whole, on land that has been actively devoted to agricultural or horticultural use and that is/has been valued, assessed, and taxed pursuant to the "Farmland Assessment Act of 1964," P.L. 1964, c.48 (C. 54:4-23.1 et seq.) at any time within the ten year period prior to the date of submission of the Application
7.	The proposed community solar facility is located, in part or in whole, on a landfill
	If "Yes," provide the name of the landfill, as identified in NJDEP's database of New Jersey landfills, available at www.nj.gov/dep/dshw/lrm/landfill.htm :
8.	The proposed community solar facility is located, in part or in whole, on a brownfield
	If "Yes," has a final remediation document been issued for the property? ☐ Yes ☐ No



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If "Yes," attach a copy of the Response Action Outcome ("RAO") issued by the LSRP or the No Further Action ("NFA") letter issued by NJDEP.

9.	The proposed community solar facility is located, in part or in whole, on an area of historic fill
	If "Yes," have the remedial investigation requirements pursuant to the Technical Requirements
	for Site Remediation, N.J.A.C. 7:26E-4.7 been implemented?
	If the remediation of the historic fill has been completed, attach a copy of the Response Action Outcome ("RAO") issued by a Licensed Site Remediation Professional ("LSRP") or the No Further Action ("NFA") letter issued by NJDEP.
10.	The proposed community solar facility is located on a parking lot ☐ Yes ☑ No
11.	The proposed community solar facility is located on a parking deck ☐ Yes ☑ No
12.	The proposed community solar facility is located on a rooftop
13.	The proposed community solar facility is located on a canopy over an impervious surface (e.g. walkway)
14.	The proposed community solar facility is located on the property of an affordable housing building or complex
15.	The proposed community solar facility is located on a water reservoir or other water body ("floating solar")
16.	The proposed community solar facility is located on an area designated in need of redevelopment
47	
17.	The proposed community solar facility is located on land or a building that is preserved by a municipal, county, state, or federal entity
18.	The proposed community solar facility is located, in part or in whole, on forested lands



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	Construction of the proposed community solar facility will require cutting down one or more
	trees
	in res, estimated number of frees required to be cut for construction.
19.	The proposed community solar facility is located on land or a building owned or controlled by a government entity, including, but not limited to, a municipal, county, state, or federal entity
	Yes ☑ No
20.	Are there any use restrictions at the site?
	See Community Solar Application - Supporting Information section 3.1(C)
	Will the use restriction be required to be modified? ✓ Yes No If "Yes," explain the modification below.
	See Community Solar Application - Supporting Information section 3.1(C)
21.	The proposed community solar facility has been specifically designed or planned to preserve or enhance the site (e.g. landscaping, land enhancements, pollination support, stormwater management, soil conservation, etc.)
	See Community Solar Application - Supporting Information section 3.2(C)
VIII. Per	mits
	The Applicant has completed NJDEP Permit Readiness Checklist, and submitted it to NJDEP's PCER



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If "No," the Application will be deemed incomplete. Exception: Applications for community solar projects located on a rooftop, parking lot, or parking structure are exempt from this requirement.

2.	The Applicant has met with NJDEP's PCER ✓ Yes No
	If "Yes," attach proof of a meeting with NJDEP PCER.
	If "No," the Application will be deemed incomplete. Exception: Applications for community solar
	projects located on a rooftop, parking lot, or parking structure are exempt from this
	requirement.

- 3. Please list all permits, approvals, or other authorizations that will be needed for the construction and operation of the proposed community solar facility pursuant to local, state and federal laws and regulations. Include permits that have already been received, have been applied for, and that will need to be applied for. The Applicant may extend this table by attaching additional pages if necessary. These include:
 - a. Permits, approvals, or other authorizations from NJDEP (i.e. Land Use, Air Quality, New Jersey Pollutant Discharge Elimination System "NJPDES", etc.) for the property.
 - Permits, approvals, or other authorizations from NJDEP (i.e. Land Use, Air Quality, NJPDES, etc.) directly related to the installation and operation of a solar facility on this property.
 - c. Permits, approvals, or other authorizations other than those from NJDEP for the development, construction, or operation of the community solar facility (including local zoning and other local and state permits)

An Application that does not list all permits, approvals, or other authorizations that will be needed for the construction and operation of the proposed community solar facility will be deemed incomplete.

If a permit has been received, attach a copy of the permit.

Permit Name & Description	Permitting Agency/Entity	Date Permit Applied for (if applicable) / Date Permit Received (if applicable)
Freshwater Wetlands LOI - Line Verification	NJDEP	Will apply upon project award
Flood Hazard Area Verification Permit	NJDEP	Will apply upon project award
Construction Activity Stormwater General Permit	NJDEP	Will apply upon project award
County Planning Board Approval	Atlantic County Planning Dept	Will apply upon project award
Road Access Permit	Atlantic County Planning Dept	Will apply upon project award
Soil Erosion and Sediment Control Plan Approval	Cape Atlantic Conservation District	Will apply upon project award
Township Land Use Board Approval	Buena Vista Township	Will apply upon project award
Construction Permit	Buena Vista Township	Will apply upon project award
Electrical Permit	Buena Vista Township	Will apply upon project award
Fire Department Approval	Buena Vista Township	Will apply upon project award
Utility Interconnection Approval	Atlantic City Electric	Will apply upon project award



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•	The Applicant has consulted the based on the capacity hosting there is sufficient capacity ava solar facility	map as published at ilable at the proposed the capacity hosting	the date of subn	nission of the Application, the proposed community ☑ Yes ☐ No
or	nmunity Solar Subscriptions and	Subscribers		
1.	Estimated or Anticipated Numl		ase provide a goo	d faith estimate or range):
2.	Estimated or Anticipated Brea	akdown of Subscribers	(please provide	a good faith estimate or
	Industrial:	Other:	(define "of	her":)
3.	The proposed community solar *An LMI project is defined pur minimum 51 percent of project	rsuant to N.J.A.C. 14:8	9 as a communit	y solar project in which a
4.	The proposed community so residential customers			· · · <u>—</u> · — ·
5.	The proposed community solar housing provider:		***************************************	☑ Yes ☐ No

If "Yes," what specific, substantial, identifiable, and quantifiable long-term benefits from the community solar subscription are being passed through to their residents/tenants?

New Jersey's Cleanenergy

CONFIDENTIAL

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See Community Solar Application - Supporting Information section 3.1(F)

	Additionally, the affordable housing provider must attach a signed affidavit that the specific, substantial, identifiable, and quantifiable long-term benefits from the community solar subscription will be passed through to their residents/tenants.
7.	This project uses an anchor subscriber (optional)
8.	Is there any expectation that the account holder of a master meter will subscribe to the community solar project on behalf of its tenants?
	See Community Solar Application - Supporting Information section 3.1(F)
	Additionally, the account holder of the master meter must attach a signed affidavit that the specific, identifiable, sufficient, and quantifiable benefits from the community solar subscription will be passed through to the tenants.
	If "No," please be aware that, if, at any time during the operating life of the community solar project the account holder of a master meter wishes to subscribe to the community solar project on behalf of its tenants, it must submit to the Board a signed affidavit that the specific, identifiable, sufficient, and quantifiable benefits from the community solar subscription will be passed through to its tenants.
9.	The geographic restriction for distance between project site and subscribers is: (select one) \[\subseteq \text{No geographic restriction: whole EDC service territory} \[\subseteq \text{Same county OR same county and adjacent counties} \[\subseteq \text{Same municipality OR same municipality and adjacent municipalities} \] Note: The geographic restriction selected here will apply for the lifetime of the project, barring special dispensation from the Board, pursuant to N.J.A.C. 14:8-9.5(a).



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	also complete and attach one or more product offering
form(s) found in Appendix A. See Appen	
	nteed or fixed savings to subscribers ☑ Yes ☐ No
If "Yes," the guaranteed or fixed savings	
-	customer's annual electric utility bill
· · · · · · · · · · · · · · · · · · ·	customer's community solar bill credit
Other:	Managed to the second part of th
If "Yes," the proposed savings represen	. .
	nnual electric utility bill or bill credit
5	•
	annual electric utility bill or bill credit
	annual electric utility bill or bill credit
over 20% of the customer's a	annual electric utility bill or bill credit
The subscription proposed offers subscription	ribers ownership or a pathway to ownership of a share of
	☐ Yes ☑ No
,	o ownership of a share of the community solar facility
offered to the subscribers in Appendix A	·
offered to the subscribers in Appendix	1
Additionally, subscriber organizations h is currently seeking subscribers.	ar projects will be published on the Board's website. have the option of indicating, on this list, that the project mould indicate on its website that the project is currently
	☑ Yes ☐ No
If "Yes," the contact information indicat	
Company/Entity Name: Community Energy Solar	
Daytime Phone: 1-866-754-0222	Email: Communitysolar@communityenergyinc.com
	subscriber organization to notify the Board if/when the equest that the Board remove the above information on
X. Community Engagement	
1. The proposed community solar project	ct is being developed by or in collaboration* with the
	ted ☐ Yes ☑ No
	of support from the municipality in which the project is
• •	hould include, at minimum, one or more meetings with revidence of municipal involvement and approval of the proposed community solar project.



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 The proposed community solar project is being developed local community organization(s)	he local community organization(s). uld include, at minimum, one or more on(s) and clear evidence of the local
See Community Solar Application - Supporting Ir	nformation section 3.2 (E)
3. The proposed community solar project was developed, at consultative process*	imum, one or more opportunities for or local community organizations.
XI. Project Cost	
 Provide the following cost estimates and attach substantial and/or spreadsheet models: Applicants are expected to provide a good faith estimate of containing community solar project, as they are known at the time the Applicantain will not be used in the evaluation of the proposed 	sts associated with the proposed oplication is filed with the Board. This
Net Installed Cost (in \$)	
Net Installed Cost (in \$/Watt)	
Initial Customer Acquisition Cost (in \$/Watt)	
Annual Customer Churn Rate (in %)	



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Annual Operating Expenses (in c/kWh)	(1)
LCOE (in c/kWh)	

2. Pursuant to N.J.A.C. 14:8-9.7(q), "community solar projects shall be eligible to apply, via a one-time election prior to the delivery of any energy from the facility, for SRECs or Class I RECs, as applicable, or to any subsequent compensations as determined by the Board pursuant to the Clean Energy Act."

For indicative purposes only, please indicate all local, state and federal tax incentives which will be applied to if the proposed community solar project is approved for participation in the Community Solar Energy Pilot Program:

Federal Business Energy Investment Tax Credit (ITC)
Federal Modified Accelerated Cost-Recovery System (MACRS) Depreciation
New Jersey Solar Energy Sales Tax Exemption

Á	a. Micro-grid project	ility is paired with another distributed energy resource: ☐ Yes ☑ N	
	c. Other (identify):		10 10
2.		facility provides grid benefits (e.g. congestion reduct	
	See Community Solar Applica	ation - Supporting Information section 3.2 (G)	
4.		ject will create temporary or permanent jobs in New Jerse 	•
4.		oorary jobs created in New Jerse	•



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If "Yes," identify the entity or entities through which job training is or will be organized (e.g. New Jersey GAINS program, partnership with local school): XIII. Special Authorizations and Exemptions 1. Is the proposed community solar project co-located with another community solar facility (as defined at N.J.A.C. 14:8-9.2)? ☐ Yes ✓ No If "Yes," please explain why the co-location can be approved by the Board, consistent with the provisions at N.J.A.C. 14:8-9. 2. Does this project seek an exemption from the 10-subscriber minimum? ☐ Yes ☑ No If "Yes," please demonstrate below (and attach supporting documents as relevant): a. That the project is sited on the property of a multi-family building. b. That the project will provide specific, identifiable, and quantifiable benefits to the households residing in said multi-family building. 3. Specific sections throughout the Application Form are identified as optional only if: 1) the Applicant is a government entity (municipal, county, or state), and 2) the community solar developer will be selected by the Applicant via a RFP, RFQ, or other bidding process. Has the Applicant left those specific sections blank? ☐ Yes ☑ No If "Yes," attach a letter describing the proposed bidding process. The Applicant must further commit to issuing said RFP, RFQ, or other bidding process within 90 days of the proposed project being approved by the Board for participation in the Community Solar Energy Pilot Program. The Applicant will be required to provide the information contained in those optional sections to the Board once it becomes known. 4. Has the proposed community solar project received, in part or in whole, a subsection (t) conditional certification from the Board prior to February 19, 2019? ☐ Yes ✓ No If "Yes," the project may apply to participate in the Community Solar Energy Pilot Program if it commits to withdrawing the applicable subsection (t) conditional certification immediately if it is approved by the Board for participation in the Community Solar Energy Pilot Program. Attach a signed affidavit that the Applicant will immediately withdraw the applicable subsection (t)

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3. Community Solar Application - Supporting Information

3.1 Community Solar Energy Project Description (Section B of Application)

A. EPC Developer (Section B, III)

The West Atlantic Solar II project will be built by a contracted EPC company to be selected after the project is awarded capacity in the Community Solar Energy Pilot Program. West Atlantic Solar II, as the project Applicant, will inform the BPU of the required name and contact details for the selected EPC contractor.

B. Estimated Date of Project Completion (Section B, VI)

The estimated date of project completion for West Atlantic Solar II is December 2020. This date is contingent on the following milestones being met:

- Notice of capacity award into the Pilot Program by November 9th, 2019
- Interconnection approval from local EDC by February 9th, 2020
- ➤ Land Use permit approval from local authority having jurisdiction by May 1st, 2020

	C.	Use restrictions (Section B, VII, 20)		
4				
4				
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1				

D. Permit Readiness Checklist & PCER Meeting (Section B, VII, 1-2)

West Atlantic Solar II has completed the required NJDEP Permit Readiness Checklist (see Supporting Documentation section 4.4). The Office of Permit Coordination and Environmental Review has reviewed the checklist and provided a response letter that states that no further meeting is necessary. That response letter is included in Supporting Documentation section 4.4.

E. Hosting Capacity Map (Section B, VIII, 4)

West Atlantic Solar II is located within Atlantic City Electric (ACE) company's service territory.



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Online hosting capacity maps, which attempt to provide real time available capacity by distribution circuit across the utility's entire distribution system, while a potentially useful indicator, are often inaccurate. It is universally agreed upon that specific interconnection studies for specific project characteristics at specific locations more accurately determine the cost and feasibility of interconnection. For this reason, an interconnection feasibility or system impact study has been completed for this project. In 2018, Community Energy submitted an interconnection application through the PJM process, and the project was studied in conjunction with ACE. This project is being submitted because the interconnection cost that resulted from that study was cost competitive. Community Energy is not submitting applications for some of its projects which featured prohibitively expensive interconnection cost estimates. The PJM Interconnection Feasibility Study can be found in Supporting Documentation Section 4.5 of this application.

Also included in the Supporting Documentation section 4.5 is a screen shot from the EDC Hosting Capacity Map. Section B, VIII, 4 of the Application assumes to use the information shown on the Hosting Capacity Map to evaluate the feasibility of the proposed community solar project and its worthiness of a program capacity award. However, it must be noted that the Map and the information contained within is far from definitive and suffers the following issues:

- > Has a disclaimer that states the values on the map are "not guaranteed and/or may change at any time," that the map "may understate the hosting capacity", and that an official evaluation requires a full interconnection application review
- ➤ Has a disclaimer that the secondary network information was published in June 2017 and has not been updated which reduces accuracy of the data contained therein
- > Assumes that all of the pending generation listed on the circuit queue will be constructed

Additionally, Section B, VIII, 4 does not seem to consider the ability for a project to pay upgrade costs necessary to overcome any capacity issues shown on the Map, which is standard practice for most solar project development.

Based on the information outlined above, we feel that the hosting capacity map is insufficient to serve as the only means of evaluation of a projects feasibility and we respectfully request that the BPU not use it as a means to qualify/disqualify a project for an award in the Community Solar Program.

 Subscriptions and Subscribers (Section R. IX. 5 - 8)



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III.				

G. Project Cost (Section B, XI, 1)

A spreadsheet with the requested metrics and calculations highlighted is included in Supporting Documentation section 4.7.

3.2 Evaluation Criteria (Section B)

A. 30 Points: LMI and Environmental Justice (Section B, IX, 3)

West Atlantic Solar II is committed to meeting the Governor's and BPU's goal of designating a record setting 40% of the community solar program capacity towards the low and moderate income (LMI) community, a population that has mostly missed out on the economic and environmental benefits

CES, the project subscriber organization, has 6+ years of experience working with low- and moderate-income residents in our operating community solar projects in Colorado, with over 115 participating residents and affordable housing organizations. We recognize the need for economic diversity in our projects for them to be successful. We have been effective by partnering with numerous Housing Authorities and organizations who provide services to the Low-Income and Low Moderate-Income sector, such as Energy Outreach Colorado.

As noted earlier, CES also has significant experience marketing renewable energy products to residents in New Jersey through the CleanPower Choice program. We plan to leverage our past



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В.	20 Points: Siting (Section B, VII, 2 - 19)
portion of th generated by	igh West Atlantic Solar II is located on agricultural land, the project will only be located on a e total land that the landowner currently has in agricultural production. The revenue of the project will help the landowner continue to keep the rest of their land in agricultural for the foreseeable future.
c.	5 Points: Siting Bonus (Section B, VII, 21)

^{*} Elnaz H. Adeh, Stephen P. Good, M. Calaf & Chad W. Higgins. "Solar PV Power Potential is Greatest Over Croplands." Scientific Reports, Volume 9, Article number: 11442 (2019). Web. 07 August 2019.

² Elnaz H. Adeh, John S. Selker, Chad W. Higgins. "Remarkable agrivoltaic influence on soil moisture, micrometeorology and water-use efficiency." PLOS ONE 13(11): e0203256 (2018). Web. 01 November 2018.

³ "Some Recommended Native New Jersey Plants for Pollinators." U.S. Fish & Wildlife Service: New Jersey Field Office. Web. Accessed August 2019.



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lination Support:	: The need for po	ollinator conservation eff	orts is paramount a	and in order to
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lination Support:	: The need for po	ollinator conservation eff	orts is paramount a	and in order to
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lination Support:	: The need for po	ollinator conservation eff	orts is paramount a	and in order to
lination Support:	The need for po	ollinator conservation eff	orts is paramount a	and in order to

The economic benefits of pollinators to the surrounding local agricultural operations and community at large is significant. Nearly two-thirds of all food products require successful pollination.⁵ In 2018,

⁴ "2017/18 Total Annual All Colony Loss." Bee Informed Partnership. Web. Accessed August 2019.

⁵ "NJ BIOLOGY TECHNICAL NOTE: Habitat Development for Pollinators." New Jersey NRCS: Natural Resources Conservation Service. Web. Accessed August 2019.



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the value of that agriculture was \$1.1 billion in New Jersey alone. In an economic analysis by The

⁶ "NJ Farm Facts." Jersey Fresh: NJ Department of Agriculture. Web. Accessed September 2019.

⁷ Schuster, Elizabeth. <u>"Wild Pollinator Habitat Benefits Agriculture."</u> Cool Green Science: The Nature Conservancy. Web. 06 August 2013.

⁸ Fortuna, Carolyn. <u>"Solar Power Is Playing A Growing Role To Save The Bees."</u> CleanTechnica. Web. 12 August 2019.



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D.	15 Points:	Product	Offering	(Section	B, IX	10)
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West Atlantic Solar II plans the following as our product offering. Further information can be found on *Appendix A: Product Offering Questionnaire* located in the Appendix section of this application.

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	Justice Engagement (Section 6, A, 1 - 3)
A	



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			- F) J.			
All letters of supp	ort can be found in S	Supporting Docui	mentation section	on 4.6. An overv	iew	
ocument that lists th	ne 60+ organizations	across the state	state that we contacted during our outreach			
ampaign can also be	found in Supporting	Documentation	section 4.6. We	are committed	to finding	
trong partners to wo	ork with on this LMI p	roject and look f	forward to pursu	ing additional co	onversations	
ith many of these o	rganizations upon an	award of progra	ım capacity.			
A states 0	14/ ALL O. I		11 24 1			
	West Atlantic Solar II		•		· · ·	
rogram will begin th	e process for obtaini	ng a local land us	se permit and er	ngage the comm	unity in a	
West Atlantic enefits to subscriber	oints: Other Benefice Solar II will provide (working with pro ers, and other pr	oject partners w roject stakehold	ers. We believe	our approach	
	criteria, addressed ir	further detail b	elow, in order to	earn the full 10	points for	
is category.				<u></u>		
	*					
			*			



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4. Community Solar Application – Supporting Documentation

Content Overview

- 4.2 Proof of Site Control (Section B, VII, 1)
- 4.3 Excerpt NJ Municipal Land Use Law Solar as Inherently Beneficial Use (Section B, VII, 20)
- 4.4 NJDEP Office of Permit Coordination and Environmental Review (Section B, VIII, 1 2)
 - A. Permit Readiness Checklist
 - B. NJDEP PCER Proof in Lieu of Meeting
- 4.5 EDC Hosting Capacity (Section B, VIII, 4)
 - A. Hosting Capacity Map Screenshot
 - B. Hosting Capacity Map Disclaimer Page(s)
 - C. PJM Generation Interconnection Feasibility Study Report
- 4.6 Community Engagement and Environmental Justice Letters of Support (Section B, IX, 5)
 - A. Affordable Housing Provider Letters of Support
 - B. Community & Environmental Justice Organization Letters of Support
 - C. Additional Sustainability Organization Letters of Support
 - D. LMI, Community, Environmental Justice Outreach Campaign Overview
- 4.7 Project Cost Spreadsheet Model (Section B, XI, 1)
- 4.8 Pollinator-Friendly Solar Scorecard

5. Community Solar Application – Certifications (Section C)

- 5.1 Applicant Certification
- 5.2 Project Developer Certification
- 5.3 Project Owner Certification
- 5.4 Property Owner Certification
- 5.5 Subscriber Organization Certification

6. Community Solar Application - Appendix (Section D)

- 6.1 Product Offering Questionnaire Appendix A
- 6.2 Required Attachments Checklist Appendix B

4.1: Delineated Site Map (Section B, VI)



WEST ATLANTIC SOLAR II - 2.5 MW-AC PV PROJECT - 3024 VINE RD VINELAND, NJ 08360

5 RADNOR CORPORATE CENTER, SLITE 500 IOO MATSONFORD RD.



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4.2: Proof of Site Control (Section B, VII, 1)

Solar Energy Lease Agreement Cover Page

SOLAR ENERGY LEASE AGREEMENT

This SOLAR ENERGY LEASE AGREEMENT ("Lease") is entered into effective as of the Effective Date set forth below, by and between (i) West Atlantic Solar II LLC a Delaware limited liability company (the "Company"), and (ii) the landowner(s) set forth below ("Landowner"). Landowner and Company may be referred to below together as the "Parties" and each a "Party."

September 6, 2019

Rigi Holdings LLC

acres. See §1.1.

Richard M. Marolda Sr. & Sherry A. Marolda

The real property located in Buena Vista Township,

generally depicted on Exhibit B, and comprising 36.45

1. Effective Date:

2. Landowner(s):

3. Leased Property:

39636908

4. Development Feasibility Term	: Commences on the Effective earliest to occur of Groundbr following the Effective Date, extend. See §4.2.	eaking or three (3) years
5. Commercial Term:	Commences on the Commerce thirty (30) years thereafter, su extend. See §4.3.	
6. Rent:	_	
Development Feasibility Term:	per year. See §5.1.	
Commercial Term:	per acre per year, es See §5.2.	scalating at annually.
The following Exhibits are attached and	d incorporated herein by referen	ce:
Exhibit A - Standard Terms Exhibit B - Description of L Exhibit C - W-9 Form Exhibit D - Form of Memora Exhibit E - Map of Abandon	eased Property undum of Lease	
Company:	<u>Landowner(s)</u> :	Landowner(s):
West Atlantic Solar II LLC	Rigi Holdings, LLC	
By: BA BE	By: Shury a Marolda. Name: Sherry A. Marolda.	Richard M. Marolda Sr.
		4/
Title: Manager	Title: Secretary Treasurer	Sherry A. Marolda Sherry A. Marolda
Solar Lease v16 - 10 18 2018		

EXHIBIT A

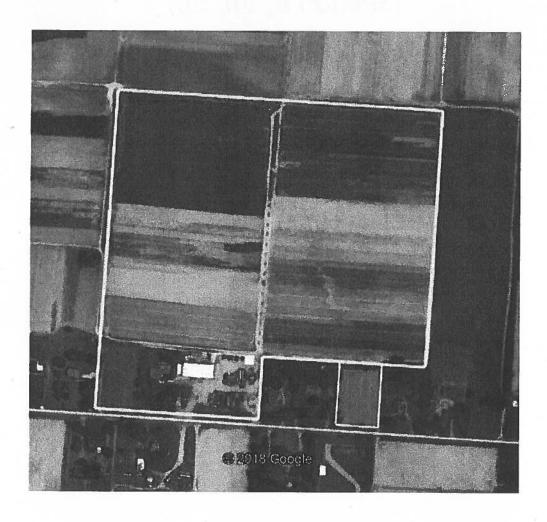
(Memorandum of Lease Agreement)

Description of Land

All that certain real property located in **Buena Vista Township**, **Atlantic County**, **New Jersey** more specifically described by **Atlantic County Tax Board** as the following Section, Block and Lot Numbers and located at the street address(es) listed below, as depicted in the drawing below, comprising approximately **36.45** acres.

more specifically described by New Jersey Department of Treasury, Division of Taxation as:

	County/District	Block	Lot	Qualifier	Address
Parcel 1 (35.43 acres)	0105	7301	2	QFARM	3024 Vine Road, Buena Vista Township
Parcel 2 (1.02 acres)	0105	7301	8	QFARM	Vine Road, Buena Vista Township



4.3: Excerpt - NJ Municipal Land Use Law -Solar as Inherently Beneficial Use (Section B, VII, 20)

CHAPTER 146

AN ACT concerning certain property uses and structures under local zoning ordinances and amending P.L.1975, c.291.

BE IT ENACTED by the Senate and General Assembly of the State of New Jersey:

1. Section 3.1 of P.L.1975, c.291 (C.40:55D-4) is amended to read as follows:

C.40:55D-4 Definitions; D to L.

3.1. "Days" means calendar days.

"Density" means the permitted number of dwelling units per gross area of land to be developed.

"Developer" means the legal or beneficial owner or owners of a lot or of any land proposed to be included in a proposed development, including the holder of an option or contract to purchase, or other person having an enforceable proprietary interest in such land.

"Development" means the division of a parcel of land into two or more parcels, the construction, reconstruction, conversion, structural alteration, relocation or enlargement of any building or other structure, or of any mining excavation or landfill, and any use or change in the use of any building or other structure, or land or extension of use of land, for which permission may be required pursuant to this act.

"Development potential" means the maximum number of dwelling units or square feet of nonresidential floor area that may be constructed on a specified lot or in a specified zone under the master plan and land use regulations in effect on the date of the adoption of the development transfer ordinance, and in accordance with recognized environmental constraints.

"Development regulation" means a zoning ordinance, subdivision ordinance, site plan ordinance, official map ordinance or other municipal regulation of the use and development of land, or amendment thereto adopted and filed pursuant to this act.

"Development transfer" or "development potential transfer" means the conveyance of development potential, or the permission for development, from one or more lots to one or more other lots by deed, easement, or other means as authorized by ordinance.

"Development transfer bank" means a development transfer bank established pursuant to section 22 of P.L.2004, c.2 (C.40:55D-158) or the State TDR Bank.

"Drainage" means the removal of surface water or groundwater from land by drains, grading or other means and includes control of runoff during and after construction or development to minimize erosion and sedimentation, to assure the adequacy of existing and proposed culverts and bridges, to induce water recharge into the ground where practical, to lessen nonpoint pollution, to maintain the integrity of stream channels for their biological functions as well as for drainage, and the means necessary for water supply preservation or prevention or alleviation of flooding.

"Environmental commission" means a municipal advisory body created pursuant to P.L.1968, c.245 (C.40:56A-1 et seq.).

"Erosion" means the detachment and movement of soil or rock fragments by water, wind, ice and gravity.

"Final approval" means the official action of the planning board taken on a preliminarily approved major subdivision or site plan, after all conditions, engineering plans and other requirements have been completed or fulfilled and the required improvements have been installed or guarantees properly posted for their completion, or approval conditioned upon the posting of such guarantees.

"Floor area ratio" means the sum of the area of all floors of buildings or structures compared to the total area of the site.

"General development plan" means a comprehensive plan for the development of a planned development, as provided in section 4 of P.L.1987, c.129 (C.40:55D-45.2).

"Governing body" means the chief legislative body of the municipality. In municipalities having a board of public works, "governing body" means such board.

"Historic district" means one or more historic sites and intervening or surrounding property significantly affecting or affected by the quality and character of the historic site or sites.

"Historic site" means any real property, man-made structure, natural object or configuration or any portion or group of the foregoing of historical, archeological, cultural, scenic or architectural significance.

"Inherently beneficial use" means a use which is universally considered of value to the community because it fundamentally serves the public good and promotes the general welfare. Such a use includes, but is not limited to, a hospital, school, child care center, group home, or a wind, solar or photovoltaic energy facility or structure.

"Instrument" means the easement, credit, or other deed restriction used to record a development transfer.

"Interested party" means: (a) in a criminal or quasi-criminal proceeding, any citizen of the State of New Jersey; and (b) in the case of a civil proceeding in any court or in an administrative proceeding before a municipal agency, any person, whether residing within or without the municipality, whose right to use, acquire, or enjoy property is or may be affected by any action taken under this act, or whose rights to use, acquire, or enjoy property under this act, or under any other law of this State or of the United States have been denied, violated or infringed by an action or a failure to act under this act.

"Land" includes improvements and fixtures on, above or below the surface.

"Local utility" means any sewerage authority created pursuant to the "sewerage authorities law," P.L.1946, c.138 (C.40:14A-1 et seq.); any utilities authority created pursuant to the "municipal and county utilities authorities law," P.L.1957, c.183 (C.40:14B-1 et seq.); or any utility, authority, commission, special district or other corporate entity not regulated by the Board of Regulatory Commissioners under Title 48 of the Revised Statutes that provides gas, electricity, heat, power, water or sewer service to a municipality or the residents thereof.

"Lot" means a designated parcel, tract or area of land established by a plat or otherwise, as permitted by law and to be used, developed or built upon as a unit.

2. Section 3.4 of P.L.1975, c.291 (C.40:55D-7) is amended to read as follows:

C.40:55D-7 Definitions; S to Z.

3.4. "Sedimentation" means the deposition of soil that has been transported from its site of origin by water, ice, wind, gravity or other natural means as a product of erosion.

"Sending zone" means an area or areas designated in a master plan and zoning ordinance, adopted pursuant to P.L.1975, c.291 (C.40:55D-1 et seq.), within which development may be restricted and which is otherwise consistent with the provisions of section 8 of P.L.2004, c.2 (C.40:55D-144).

"Site plan" means a development plan of one or more lots on which is shown (1) the existing and proposed conditions of the lot, including but not necessarily limited to topography, vegetation, drainage, flood plains, marshes and waterways, (2) the location of all existing and proposed buildings, drives, parking spaces, walkways, means of ingress and

egress, drainage facilities, utility services, landscaping, structures and signs, lighting, screening devices, and (3) any other information that may be reasonably required in order to make an informed determination pursuant to an ordinance requiring review and approval of site plans by the planning board adopted pursuant to article 6 of this act.

"Standards of performance" means standards (1) adopted by ordinance pursuant to subsection 52d. regulating noise levels, glare, earthborn or sonic vibrations, heat, electronic or atomic radiation, noxious odors, toxic matters, explosive and inflammable matters, smoke and airborne particles, waste discharge, screening of unsightly objects or conditions and such other similar matters as may be reasonably required by the municipality or (2) required by applicable federal or State laws or municipal ordinances.

"State Transfer of Development Rights Bank," or "State TDR Bank," means the bank established pursuant to section 3 of P.L.1993, c.339 (C.4:1C-51).

"Street" means any street, avenue, boulevard, road, parkway, viaduct, drive or other way (1) which is an existing State, county or municipal roadway, or (2) which is shown upon a plat heretofore approved pursuant to law, or (3) which is approved by official action as provided by this act, or (4) which is shown on a plat duly filed and recorded in the office of the county recording officer prior to the appointment of a planning board and the grant to such board of the power to review plats; and includes the land between the street lines, whether improved or unimproved, and may comprise pavement, shoulders, gutters, curbs, sidewalks, parking areas and other areas within the street lines.

"Structure" means a combination of materials to form a construction for occupancy, use or ornamentation whether installed on, above, or below the surface of a parcel of land.

"Subdivision" means the division of a lot, tract or parcel of land into two or more lots, tracts, parcels or other divisions of land for sale or development. The following shall not be considered subdivisions within the meaning of this act, if no new streets are created: (1) divisions of land found by the planning board or subdivision committee thereof appointed by the chairman to be for agricultural purposes where all resulting parcels are 5 acres or larger in size, (2) divisions of property by testamentary or intestate provisions, (3) divisions of property upon court order, including but not limited to judgments of foreclosure, (4) consolidation of existing lots by deed or other recorded instrument and (5) the conveyance of one or more adjoining lots, tracts or parcels of land, owned by the same person or persons and all of which are found and certified by the administrative officer to conform to the requirements of the municipal development regulations and are shown and designated as separate lots, tracts or parcels on the tax map or atlas of the municipality. The term "subdivision" shall also include the term "resubdivision."

"Transcript" means a typed or printed verbatim record of the proceedings or reproduction thereof.

"Variance" means permission to depart from the literal requirements of a zoning ordinance pursuant to sections 47 and subsections 29.2b., 57c. and 57d. of this act.

"Wind, solar or photovoltaic energy facility or structure" means a facility or structure for the purpose of supplying electrical energy produced from wind, solar, or photovoltaic technologies, whether such facility or structure is a principal use, a part of the principal use, or an accessory use or structure.

"Zoning permit" means a document signed by the administrative officer (1) which is required by ordinance as a condition precedent to the commencement of a use or the erection, construction, reconstruction, alteration, conversion or installation of a structure or building and (2) which acknowledges that such use, structure or building complies with the provisions

P.L. 2009, CHAPTER 146

of the municipal zoning ordinance or variance therefrom duly authorized by a municipal agency pursuant to sections 47 and 57 of this act.

3. This act shall take effect immediately.

Approved November 20, 2009.

4.4: NJDEP Office of Permit Coordination and Environmental Review (Section B, VIII, 1-2)

- A. Permit Readiness Checklist
- B. NJDEP PCER Proof in Lieu of Meeting

NJDEP Office of Permit Coordination and Environmental Review Permit Readiness Checklist Form Page 1 of 12

Updated 10/11/16

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF PERMIT COORDINATION AND ENVIRONMENTAL REVIEW

PERMIT READINESS CHECKLIST

FOR PCER OFFICE USE ONLY

DATE RECEIVED	PRC ID NUMBER
Completion of this form will assist the	e Department in determining what permits might be needed to

Completion of this form will assist the Department in determining what permits might be needed to authorize a project and to insure that all appropriate programs attend a pre-application meeting. Please fill out the below form as completely as possible, noting any areas you are not sure of and including any information about the project and the site that might help the Department determine the permitting needs of the project.¹

1. Please complete the following questions if applicable and return to the Department with a 1 to 2 page narrative description of project, its function, and its benefits; as well as a site plan, maps, aerial photos, GIS shape files, etc.

A. GENERAL INFORMATION

- 1. Name of Proposed Project: West Atlantic Solar II LLC
- 2. Consultant/Contact Information (if any):

Jesse Cutaia Jesse.cutaia@communityenergyinc.com 917-750-6383

3. Name/Address of Prospective Applicant: West Atlantic Solar II LLC

Address/tel./fax:

West Atlantic Solar II LLC
c/o Community Energy Solar, LLC
Attn: Controller
Three Radnor Corporate Center - Suite 300
100 Matsonford Road
Radnor, PA 19087
866-946-3123

¹ Please be advised that this form is not a permit application. To receive authorization, approval, or a permit to conduct regulated activities, a formal application must be filed and a formal permit or authorization issued by the appropriate Bureau within the Department prior to the conduct of regulated activity. This form is used solely for the Department's preliminary review and discussion of this project to determine what permits or authorizations may be needed to conduct the proposed activity. Any guidance offered to the applicant during this process is not binding on the Department or the applicant and a final response can only be rendered through the actual issuance of permits, approvals, or authorizations.

4. Does the project have any existing NJDEP ID#s assigned? i.e., Case number, Program Interest (PI)#, Program ID#? NO

B. PROPOSED PROJECT LOCATION

Street Address/munic: 3024 Vine Road, Buena Vista Township (0105)				
County Atlantic County	Zip Code 08360			
Block No. <u>7301</u>	Lot_No(s). 2 & 8			
X Coordinate in State Plane (project centroid) 111752.801 mE				
Y Coordinate in State Plane (project centroid) 74811.819 mN				

C. PROPOSED ACTIVITY DESCRIPTION AND SCHEDULE

1.	Project Type:	New Construction YES	Brownfield Redevelop
		Alternative Energy YES	Other (Please describe)

- a) Estimated Schedule:
 - Date permits needed or desired by: April 1st, 2020
 - Beginning construction date: June 1st, 2020
 - Construction completion: October 1st, 2020
 - Operation of facility date: December 1st, 2020
- b) Funding Source: Is any Federal Funding being used for this project? No
 State Funding over 1 million dollars? No
 Is funding secured at this time? No
 Approval into Year 1 of NJ Community Solar Pilot Program (NJCSPP)
- c) Is the project contingent on receiving the identified funding? <u>Yes</u>
 If yes, explain <u>NJCSPP approval makes project eligible for NJ SREC's and retail utility rate compensation</u>
- d) What DEP permits do you think you need for this project? (The Department will confirm this through the PRC process).
 - i. Freshwater Wetlands LOI
 - ii. Flood Hazard Area Permit
 - iii. Individual Stormwater Permit
 - iv. Stormwater Management and Erosion Plan
- 2. For additional guidance on Department permits, please refer to the Permit Identification Form (PIF) which will be forwarded upon request. The PIF does not need to be filled out or submitted to the Department.
 - a) Which Department(s), Bureau(s), and staff have you contacted regarding your proposed project? None as of July 2019
 - b) Are there any Department permits that will need to be modified as a result of this project. Please explain and identify the project reviewer of the permit to be modified.

 No
 - c) Please identify any pre-permit actions or modifications you have applied for or obtained from the Department or other state agencies for this project:
 - 1) Water Quality Management Plan consistency None
 - 2) Highlands Consistency N/A
 - 3) Wetland Delineation (LOI) None as of July 2019

- 4) Tidelands Conveyance N/A
- 5) Flood Hazard Jurisdiction or determinations None as of July 2019
- 6) Water Allocation N/A
- 7) Site Remediation RAW, Remedial Action Permit Soil and or Groundwater, NJPDES Discharge to Ground Water, NJPDES Discharge to Surface Water, No Further Action Response Action Outcome N/A
- 8) Landfill Disruption Approval N/A
- 9) Landfill Closure Plan N/A
- 10) Other None
- 3. Please submit this Permit Readiness Checklist form, completed to the extent possible, electronically to Ruth.Foster@dep.nj.gov and Megan.Brunatti@dep.nj.gov and one (1) copy via mail² with the following items if available:
 - (a) The completed Permit Readiness Checklist;
 - (b) A description of the proposed project;
 - (c) Any overarching regulatory or policy call(s) or guidance that the Department must make or make known prior to the receipt of the application to determine the project's feasibility, regulatory, or review process.
 - (d) USGS map(s) with the site of the proposed project site boundaries clearly delineated (including the title of the USGS quadrangle sheet from which it was taken)³;
 - (e) Aerial photos/GIS information regarding the site;
 - (f) A site map including any known environmental features (wetlands, streams, buffers, etc⁴);
 - (g) Site plans to the extent available;
 - (h) Street map indicating the location of the proposed project;
 - (i) Any other information that you think may be helpful to the Department in reviewing this project.
 - (j) List of any local or regional governments or entities, their historical involvement in this project or site, identification of conflicts with DEP rules; with contact names and information whose attendance/input would be helpful in facilitating this project, ie Soil Conservation Districts, health departments, local zoning officials, etc.
- **D.** The following are questions by Program to guide the Department in its determination of what permits may be needed to authorize this project. If the questions do not apply to the proposed project please indicate N/A. Please include any other information you think may be helpful for the Department to determine which permits are needed.

WATER AND WASTE WATER INFORMATION

Trenton, New Jersey 08625

Street Location: 401 East State Street, 7th Floor East Wing

Telephone Number: (609) 292-3600 Fax Number: (609) 292-1921

² Submit to: New Jersey Department of Environmental Protection Office of Permit Coordination and Environmental Review P.O. Box 420, Mail Code 07J

³ USGS maps may be purchased from NJDEP, Maps and Publications, P.O. Box 420, Trenton 08625-0420; (609) 777-1038

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DEP Safe Drinking Water Program (609) 292-5550 http://www.nj.gov/dep/watersupply/

Is the project located within an existing water purveyor service area? If yes, which one? N/A

Will the project affect any land or water controlled by a Water Supply Authority or water purveyor in New Jersey? If so, please identify and explain. __No__

Does the purveyor have adequate firm capacity and allocation to support project demand? N/A

Do water pipes currently extend to the project location? <u>N/A</u>

If not, is it located within a franchise area? N/A

Does the project have an approved Safe Drinking Water main extension permit? N/A

Will the project affect any land or water controlled by a Water Supply Authority or water purveyor in New Jersey? If so, please identify and explain. No

DEP Water Allocation Program (609) 292-2957 http://www.nj.gov/dep/watersupply

Is the project seeking a new ground water allocation or modification? If yes, does the project have all necessary well location and safe drinking water permits? **No**

Is the project located within an area of critical water supply concern? N/A

Will this project have the capability to divert more than 100,000 gallons per day from a single source or a combination of surface or groundwater sources? **No**

Will this project draw more than 100,000 gallons per day of ground or surface water for construction or operation? No

WATER POLLUTION MANAGEMENT ELEMENT

DIVISION OF WATER QUALITY

Non-Point Pollution Control (609) 292-0407 http://www.nj.gov/dep/dwq/bnpc home.htm

The **Bureau of Non-Point Pollution Control** (BNPC) is responsible for protecting and preserving the state's groundwater resources through the issuance of NJPDES Discharge to Groundwater Permits and is responsible for permitting industrial facilities and municipalities under NJPDES for discharges of stormwater to waters of the State.

Groundwater Section (609) 292-0407

This Program does not issue NJPDES-DGW permits for remediation operations.

The following definitions should be used to assist in identifying discharge activities:

NJDEP Permit Readiness Checklist Form Page 5 of 12

Subsurface disposal system is any contrivance that introduces wastewater directly to the subsurface environment, such as, but not limited to: septic systems, recharge beds, trench systems, seepage pits, and dry wells.

Injection/recharge wells are constructed such that they are deeper than they are wide, receive effluent via gravity flow or pumping, and include dry wells and seepage pits. **Overland flow** is the introduction of wastewater to the ground surface, over which the wastewater travels and eventually percolates or evaporates.

Industrial wastewater is any wastewater or discharge which is not sanitary or domestic-innature, including non-contact or contact cooling water, process wastewater, discharges from floor drains, air conditioner condensate, etc.

- 1. Will the project/facility have a sanitary wastewater design flow which discharges to groundwater in excess of 2,000 gallons per day? No
- 2. Will the project/facility generate a discharge to groundwater of industrial wastewater in any quantity? **No**
- 3. Will the project/facility involve the discharge to groundwater by any of the following activities or structures, or include as part of the design any of these activities or structures? **No**

Please indicate which:

Upland CDF (Dredge Spoils) Spray Irrigation N/A
Overland Flow Subsurface Disposal System (UIC) N/A
Landfill Infiltration/Percolation Lagoon N/A
Surface Impoundment N/A

Please specify the source of wastewater for every structure identified above (e.g., sanitary wastewater to a subsurface disposal system or non-contact cooling water to a dry well): N/A

Please specify lining materials for each lined structure identified as being used by the proposed project and give its permeability in cm/sec (e.g., 8-inch thick concrete lined evaporation pond at 10-7 cm/sec): N/A

Does your project/facility include an individual subsurface sewage disposal system design for a facility with a design flow less than 2,000 gallons per day which does not strictly conform to the State's standards? **No**

Does your project involve 50 or more realty improvements? No

DEP Pretreatment and Residuals program (609) 633-3823

Will the project involve the discharge of industrial/commercial wa	asternator to a publicly owner
treatment works (POTW)? No	
If yes, name of POTW:	
Volume of wastewater (gpd):	

Will/does this project involve the generation, processing, storage, transfer and/or distribution of industrial or domestic residuals (including sewage sludge, potable water treatment residuals and food processing by-products) generated as a result of wastewater treatment. No If so, please explain.

NJDEP Permit Readiness Checklist Form Page 6 of 12 Stormwater Program (609) 633-7021 http://www.njstormwater.org/ http://www.state.nj.us/dep/dwq/ispp_home.html Will your site activity disturb more than one acre? Yes_ Will any industrial activity be conducted at the site where material is exposed to the rain or other elements? Yes Does your facility have an existing NJPDES permit for discharge of stormwater to surface groundwater? No Is your facility assigned one of the following Standard Industrial Classification (SIC) Codes? No. (To determine your SIC Code see the box "Industry Code" on your New Jersey Department of Labor Quarterly Contribution Report. Surface Water Permitting (609) 292-4860 http://www.nj.gov/dep/dwq/swp.htm Will this wastewater facility discharge to Surface Water? No If yes, state the name of the proposed receiving stream N/A Describe the proposed discharge of wastewater to Surface Water N/A If no, how is the wastewater proposed to be discharged (e.g., to be conveyed to another STP, Publicly Owned Treatment Works, etc. N/A MUNICIPAL FINANCE AND CONSTRUCTION ELEMENT Treatment Works Approvals (609) 984-4429 http://www.nj.gov/dep/dwq/twa.htm Will this project include the construction, expansion or upgrade of a domestic or industrial wastewater treatment facility or an off-site subsurface disposal system that generates more then 2,000 gallons per day? No If yes, explain Will the project result in a construction design of more than 8000 gallons of water discharge per day? No Office of Water Resources Management Coordination (609)777-4359 http://www.state.nj.us/dep/wrm Sewer Service Is the project in an approved sewer service area for the type of waste water service needed?

Has this project received endorsement from the appropriate sewer authority with adequate conveyance and capacity? N/A

If yes, what is the name of the sewer service area?

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Do waste water pipes currently extend to the project location? N/A
Is the project consistent with and in an area covered by an up to date Wastewater Management Plan?
Will an amendment to the existing WQMP be required to accommodate this project? N/A
If tying into an offsite treatment plant, is the capacity and conveyance system currently available? N/A
What is the volume of wastewater that will be generated by the project? None
DED Land Use Degulation (600) 777 0454

DEP Land Use Regulation (609) 777-0454 http://www.nj.gov/dep/landuse

Does the project involve development at or near, or impacts to the following; describe the type and extent of development in regards to location and impacts to regulated features:

Water courses (streams) No

State Open Waters? No

Freshwater Wetlands and/or freshwater wetland transition areas? No

Flood Hazard areas and/or riparian buffers No

Waterfront development areas No

Tidally Flowed Areas No

Bureau of Tidelands Management: http://www.nj.gov/dep/landuse/tl_main.html No

The CAFRA Planning Area? http://www.state.nj.us/dep/gis/cafralayers.htm No

DEP NATURAL AND HISTORIC RESOURCES

Green Acres Program (609) 984-0631 http://www.nj.gov/dep/greenacres

Division of Parks and Forestry: State Park Service 609-292-2772

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Is the temporary use of State lands administered by the New Jersey State Park Service required for preconstruction, construction and/or post construction activities? No If so, please describe.

Division of Parks and Forestry: State Forestry Services (609) 292-2530 http://www.nj.gov/dep/parksandforests/forest

http://www.nj.gov/dep/parksandioresis/foresi
Forest clearing activities/No Net Loss Reforestation Act Will construction of the project result in the clearing of ½ acres or more of forested lands owned or maintained by a State entity? No If so, how many acres?
Division of Parks and Forestry: Office of Natural Lands Management (609) 984-1339 http://www.nj.gov/dep/parksandforests/natural/index.html
Is the project within a State designated natural area as classified in the Natural Areas System Rules at N.J.A.C. 7:5A? No If so, please describe.
State Historic Preservation Office – SHPO (609) 292-0061 http://www.state.nj.us/dep/hpo/index.htm
Is the site a Historic Site or district on or eligible for the State or National registry? No Will there be impacts to buildings over 50 years old? No Are there known or mapped archeological resources on the site? No
Dam Safety Program (609) 984-0859 http://www.nj.gov/dep/damsafety
Will the project involve construction, repair, or removal of a dam? No If so, please describe
Fish and Wildlife (609) 292-2965 http://www.nj.gov/dep/fgw
Will there be any shut off or drawdown of a pond or a stream? No

Threatened and Endangered Species Program

Are there records of any Threatened and Endangered species, plant, or animal in this project area? No

Will the proposed development affect any areas identified as habitat for Threatened or Endangered Species? <u>No</u>

SITE REMEDIATION PROGRAM (609) 292-1250 http://www.nj.gov/dep/srp/

Office of Brownfield Reuse (609) 292-1251

Is the project located on or adjacent to a known or suspected contaminated site? No http://www.nj.gov/dep/srp/kcsnj/

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Is the project within a designated Brownfield Development Area? No http://www.nj.gov/dep/srp/brownfields/bda/index.html

Has a No Further Action, Response Action Outcome, or Remedial Action Permit been issued for the entire project area? <u>N/A</u>

If not, what is the current status of remediation activities? <u>N/A</u> Please include remedial phase, media affected and contaminant(s) of concern.

Name of current SRP Case Manager or Licensed Site Remediation Professional and Preferred Identification (PI) Number N/A

Is the applicant a responsible party for contamination at the property? N/A

Is the project located on a landfill that will be redeveloped for human occupancy? No If yes, is there an approved Landfill Closure Plan? N/A

Dredging and Sediment Technology (609) 292-1250

Does the project involve dredging or disposing of dredge materials? No

SOLID AND HAZARDOUS WASTE MANAGEMENT PROGRAM (609) 633-1418 http://www.nj.gov/dep/dshw/

Does the project receive, utilize, or transport solid or hazardous wastes? No

Will the project involve the disposing of hazardous Substances per 40 CFR part 261 and NJAC 7:26?

No.

Will the project include operation of a solid waste facility according to N.J.A.C. 7:26-1-et seq.? No

Is the project a solid waste facility or recycling center? No

Is the project included in the appropriate county Solid Waste Management Plan? N/A Explain

AIR OUALITY PERMITTING PROGRAM

http://www.nj.gov/dep/aqpp

Will activity at the site release substances into the air? No

Does the project require Air Preconstruction permits per N.J.A.C. 7.27-8.2©1? No

Will your project require Air Operating permits (N.J.A.C. 7:27--22.1)? No

Will the project result in a significant increase in emissions of any air contaminant for which the area is nonattainment with the national ambient air quality standards (all of NJ for VOC and NOx; 13 counties for fine particulates), thereby triggering the Emission Offset Rule at NJAC7:27-18? No

Will the project emit group 1 or 2 TXS toxic substances listed in NJAC 7:27-17? No

Will the project emit hazardous air pollutants above reporting thresholds in NJAC7:27 8, Appendix 1? **No**

NJDEP Permit Readiness Checklist Form Page 10 of 12

Will the project result in stationary diesel engines (such as generators or pumps) or mobile diesel engines (such as bulldozers and forklifts) operating on the site? If so, which?

Yes, forklifts, skidsteers, backhoes, and other diesel enegine construction vehicles will be used during the construction of the project. No diesel engines will be used during operation of the project.

RADIATION PROTECTION AND RELEASE PREVENTION (609) 984-5636 www.state.nj.us./dep/rpp

Will the operation receive, store or dispose of radioactive materials? No

Will the operation employ any type of x-ray equipment? No

DISCHARGE PREVENTION PROGRAM (DPCC) (609) 633-0610 www.nj.gov/dep/rpp

Is this a facility as defined in N.J.A.C. 7:1E in which more than 20,000 gallons of Hazardous substances other then petroleum or greater than 200,000 gallons of petroleum are stored? **No**

TOXIC CATASTROPHE PREVENTION ACT (TCPA) (609) 633-0610

HTTP://WWW.STATE.NJ.US/DEP/RPP/BRP/TCPA/INDEX.HTM

Is this a facility that handles or stores greater than a threshold amount of extraordinarily hazardous substances as defined in N.J.A.C. 7:31? **No**_

Bureau of Energy and Sustainability (609)633-0538

http://www.nj.gov/dep/aqes/energy.html http://www.nj.gov/dep/aqes/sustainability.html

GREEN DESIGN (609) 777-4211

Have you incorporated green design features into this project? Examples of green design features may include: renewable energy, water conservation and use of low impact design for stormwater. Yes, this is a renewable energy (solar) facility that will also incorporate sustainability based land enhancements including pollinator seed mixes, native species for screening plantings, and allow for soil regeneration of the land under project control.

Will this project be certified by any of the following green building rating systems?

New Jersey Green Building Manual? No http://greenmanual.rutgers.edu/

US Green Building Council's LEED (Leadership in Energy and Environmental Design)? No http://www.usgbc.org/

ASHRAE Standard 189.1? No http://www.ashare.org/publications/page/927

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National Green Building Standard ICC 700-2008? <u>No http://www.nahbgreen.org</u>

USEPA's ENERGY STAR? No http://www.energystar.gov/index.cfm?c=business.bus_index

INNOVATIVE TECHNOLOGY (609) 292-0125

Is an environmental and energy innovative technology included in this project? Yes

Is this technology used for manufacturing alternative fuels? No

- If yes, what is the non-fossil feedstock(s) used for manufacturing the fuels?

Biomass

Municipal Solid Waste

Other Non-Fossil Feedstocks

-What will be the primary use of the manufactured alternative fuels?

CHP System

Micro Turbine

Fuel Cells

For other innovative technology type, what is the proposed application?

Energy

Site Remediation

Drinking Water

Wastewater

For other innovative energy systems, what is the source of energy?

Solar

Wind

Tidal/Wave

Hydroelectric

Geothermal

Is there independent third-party performance data for the technology? Yes

Has the technology been verified by an independent third-party entity? Yes

Is this technology in use at any other location at this time? Yes

- If yes, please provide location Thousands of sites across NJ

DEP COMPLIANCE AND ENFORCEMENT

Does the applicant have outstanding DEP enforcement violations, and if so, what is the status? No

If yes, please identify the case, case manager, program, and phone number. N/A

Does the proposed project facilitate compliance where there is a current violation or ACO? N/A

COMMUNITY ENGAGEMENT (609)292-2908

The Department is committed to the principles of meaningful and early community engagement in the project's approval process. The Department has representatives available who could discuss community engagement issues with you and we encourage this communication to take place at the earliest possible time.

(a) What community groups and stakeholders have you identified that may be interested in or impacted by this project? <u>Local conservation and environmental justice groups, job training organizations, land use groups, neighbors, LMI communities, etc</u>

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- (b) How have you or will you engage community and stakeholders in this project? Please supply individuals or stakeholder groups contacted or who have been identified for community engagement. We plan to reach out to the stakeholders identified above once our project has been approved through the NJ Community Solar Pilot Program.
- (c) What are the potential impacts of this project on the community? Potential visual impact (depending on the viewer).
- (d) How do you intend to mitigate these potential impacts? Site the project to make use of existing natural screening and supplement with additional screening as necessary
- (e) What are the community concerns or potential concerns about this project? <u>See (c)</u>
- (f) How do you intend to address these concerns? <u>See (d)</u>
- (g) As part of this project, do you plan to perform any environmental improvements in this community? If yes, describe. The project itself is an environmental improvement

Please provide the Department with an additional 1 to 2 page narrative description of the project, focusing on its function and its local/regional environmental, social, and economic benefits and impacts. Also, what sensitive receptors are present and how might they be affected by this project?

GENERAL

Is the project subject to:

Highlands Regional Master Plan – Planning or Preservation Area? No http://www.nj.gov/dep/highlands/highlands/map.pdf

Pinelands Comprehensive Management Plan? No http://www.state.nj.us/pinelands/cmp/

D&R Canal Commission Standards No http://www.dandrcanal.com/drcc/maps.html

Delaware River Basin Commission No (609) 883-9500 http://www.state.nj.us/drbc/

US Army Corp of Engineers review? No

Jesse Cutaia

Subject:

FW: 081619 NJDEP comments NJ Community Solar Pilot Project - West Atlantic Solar II 3024 Vine Road

The NJDEP offers the following comments on the Buean West Atlantic Solar II Vine Road Community Solar project:

TO; Mr. Jesse Cutaia Three Radnor Corporate Center Suite 300 100 Matonford Road Radnor, Pa 19087

RE: Buena West Atlantic II Community Solar Project 3024 Vine Road, Block 7301, Lots 2, 8 Buena, Atlantic County

The Office of Permit Coordination and Environmental Review (PCER) distributed the project information to various programs within the Department for the proposed above 2.5 MW Community Solar project.. Below are preliminary comments of possible permits and action items this project may require (but not limited to) based on the information that was submitted on July 5, 2019: ** this is neither a comprehensive nor a technical summary **

<u>Land Use:</u> Natalie Young: <u>Natalie.Young@dep.nj.gov</u>

The Division of Land Use Regulation provides the following comments, based upon information provided in the readiness checklist.

Based on the information provided and a GIS review, The project site does not appear to be within freshwater wetland, transition area, or flood hazard area jurisdiction. Therefore, a land use permit would not be required for the proposed project.

<u>Fish and Wildlife:</u> Kelly Davis: <u>Kelly.Davis@dep.nj.gov</u> at (908) 236-2118 or or <u>Joseph.Corleto@dep.nj.us</u>. at (609) 292-9451

- The DFW has completed its review of the proposed West Atlantic Solar 2 project in Buena Vista, Atlantic County and offer the following comments.
- Based on the potential of ground nesting birds and habitats in the immediate vicinity of this project, the DFW would recommend any ground clearing or site preparation be done outside the nesting season (4/1 to 8/31) to avoid impact to ground nesting birds.
- Should any unanticipated tree clearing become necessary a general timing restriction on trimming or removal of trees from (4/1 to 8/31) is recommended to protect nesting birds covered under the Non-game Species Conservation Act.
- Additionally, the contractor should instruct all employees and sub contractors to avoid any animals and, if possible, move any turtles to the closest suitable habitat outside the work zone and release unharmed.
- County Soil Conservation District BMP's for prevention of sediment movement should be used at all times and maintained for function.

• The DFW relies on the NJDEP Office of Natural Lands Management, Natural Heritage Program (NHP) for location and protective comment on floral threatened and endangered species. This review is specifically for faunal threatened and endangered species. The applicant will need to consult with the NHP for a complete listing of the threatened and endangered species within the project vicinity.

<u>State Historic Preservation Office:</u> Vincent Maresca at <u>Vincent.maresca@dep.nj.gov</u> and (609) 633-2395 or Jesse West-Rosenthal: <u>Jesse.West-Rosenthal@dep.nj.gov</u> at 609) 984-6019r

HPO Project No. 19-2649-1 HPO-H2019-079

There are no known historic or archaeological resources within or adjacent to the study area. Upon review, the HPO would not request any archaeological or architectural survey for this project is subject to any formal regulatory review.

Bureau of Energy and Sustainability (Solar): Erin Hill: Erin.Hill@dep.nj.gov or (609) 633-1120

- The Community Solar Energy Pilot Program Application window opened April 9, 2019 and closes September 9, 2019 https://www.bpu.state.nj.us/bpu/pdf/boardorders/2019/20190329/8E%20-%20Community%20Solar%20Energy%20Pilot%20Program%20Application%20Form.pdf
- The proposed array is located on Urban Lands & Managed Wetland in Maintained Lawn Greenspace which are identified as "indeterminate" per the Solar Siting Analysis.
- Visit the BES solar siting webpage & NJ Community Solar Siting Tool https://www.state.nj.us/dep/aqes/solar-siting.html

Stormwater: Eleanor Krukowski (Eleanor, Krukowski @dep.nj.gov)

• Construction projects that disturb 1 acre or more of land, or less than 1 acre but are part of a larger common plan of development that is greater than 1 acre, are required to obtain coverage under the Stormwater construction general permit (5G3). Applicants must first obtain certification of their soil erosion and sediment control plan (251 plan) form their local soil conservation district office. Upon certification, the district office will provide the applicant with two codes process (SCD certification code and 251 identification code) for use in the DEPonline portal system application. Applicants must then become a registered user for the DEPonline system and complete the application for the Stormwater Construction General Authorization. Upon completion of the application the applicant will receive a temporary authorization which can be used to start construction immediately, if necessary. Within 3-5 business days the permittee contact identified in the application will receive an email including the application summary and final authorization.

Department of Agriculture: Steven Bruder at (609) 984-2504

Thank you for the opportunity to comment. There are significant agricultural resources on the property given the prevalence of Prime soils and percent of the property which is tillable. This parcel is also within the Atlantic County Agricultural Development Area and its farmland preservation project area but the property is not large and the County does not have it on its target list for preservation. We would therefore not oppose the solar application.

Steven M. Bruder PP, AICP New Jersey State Agriculture Development Committee New Jersey State Transfer of Development Rights Bank 369 South Warren Street, 2nd Floor, Room 202 PO Box 330, Trenton, New Jersey 08625 Phone: 609-984-2504; Fax: 609-633-2004 Thank you again for this opportunity to comment on the project. Should circumstances or conditions be or become other than as set forth in the information that was recently provided to the NJDEP, the comments and regulatory requirements provided above are subject to change and may no longer hold true. Statements made within this email are not indicative that the NJDEP has made any decisions on whether the proposed project will be permitted.

Please review the comments that were provided. If you would like to work with the programs directly, we just ask that you keep Permit Coordination copied on any correspondence so we may update our records. This email shall serve to satisfy the Community Solar application requirement that the Applicant has met with PCER.

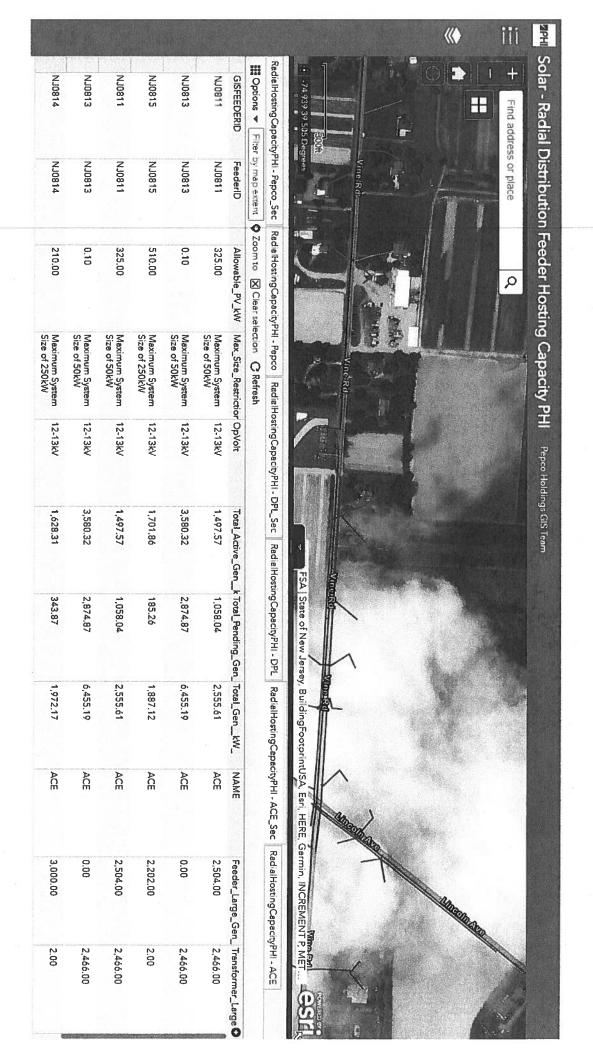
If you have any additional questions, please do not hesitate to call me.

Ruth

Ruth W. Foster, PhD., P.G., Director
New Jersey Department of Environmental Protection
Office of Permit Coordination and Environmental Review
Mail Code 401-07J
401 East State Street – PO Box 420
Trenton, NJ 08625
Office # 609-292-3600
Fax # 609-292-1921
Ruth.Foster@dep.nj.gov

4.5: EDC Hosting Capacity (Section B, VIII, 4)

- A. Hosting Capacity Map Screenshot
- B. Hosting Capacity Map Disclaimer Page(s)
- C. PJM Generation Interconnection Feasibility Study Report



Hosting Capacity Map

We support renewable energy and partner with our customers to ensure safe and reliable interconnection of renewable energy and other distributed energy resources into the electric grid.

The Hosting Capacity map gives an indication of how much generation (expressed in kW) can be added to a feeder before the feeder reaches capacity or other limitations that reduce the reliability of service to electric customers on the feeder. Although the values are meant to provide the user with a general idea of availability, space on the desired feeder is not guaranteed and/or may change at any time. All applications for interconnection will still require a full review and may also require additional interconnection costs.

Hosting capacity is not an exact science. Results shown may understate the hosting capacity and results will be revisited in the future. For more details, please consult the "Criteria Summary."

Due to the amount of data, the map may take a minute to load. Thank you for your patience.

Radial Distribution Feeders

Please note that the aggregate limit of large distributed energy resources is 3 MW on 12/13 kV, 6 MW on 25 kV, and 10 MW on 34 kV. Any system over 250 kW is considered to be "large." After the aggregate large limit is reached, 250 kW or smaller systems can continue to be added until another circuit or substation violation would be reached.

<u>Click here</u> to access a searchable version of the Hosting Capacity map for radial distribution feeders. Type an address into the search box to locate a specific location.

Network Distribution Feeders

Please note NJ state rules and levels may be different (see "Criteria Summary"). Customers applying for a Level 1 application cannot be sized above 10 kW and must be inverter based.

Spot network customers who want to apply for a Level 2 application must only be serving one customer, and the system must be limited to less than five percent of the spot network peak load or 50 kW, whichever is less.

Customers on an area grid network applying for a Level 3 system cannot be greater than 50 kW, with no single-phase system larger than 20 kW, and the aggregate maximum injection is five percent of the peak load or 50 kW; whichever is less.

Applications (Level 4) for systems larger than Level 2 or 3, on either a spot network or an area grid network will be reviewed by our engineering team. A photovoltaic system should not cause inadvertent network protector operations and may require additional monitoring or controls, such as reverse power relays to insure proper network protector operations.

<u>Click here to access a searchable version of the Hosting Capacity map for underground network distribution feeders.</u>

Type an address into the search box to locate a specific location.

Current Circuit Map Disclaimer

The technological, legal, and regulatory considerations that apply to interconnection of solar generation and other distributed energy resources are complex and constantly evolving. To the best of Pepco Holdings' knowledge, the information presented on this map was accurate in all material respects as of September 2018. However, Pepco Holdings, Atlantic City Electric, Delmarva Power, Pepco, and their affiliates cannot guaranty the accuracy of the information found on this map. Please seek appropriate technical, operational, financial, and legal advice before proceeding. NOTE: The hosting capacity of the secondary network was published June 2017 and has not and is not currently able to be updated.



Hosting Capacity computed with EDD software.

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Generation Interconnection Impact Study Report

For

PJM Generation Interconnection Request Queue Position AE1-046

"Minotola 12 kV"

Preface

The intent of the System Impact Study is to determine a plan, with approximate cost and construction time estimates, to connect the subject generation interconnection project to the PJM network at a location specified by the Interconnection Customer (IC). As a requirement for interconnection, the IC may be responsible for the cost of constructing: Network Upgrades, which are facility additions, or upgrades to existing facilities, that are needed to maintain the reliability of the PJM system. All facilities required for interconnection of a generation interconnection project must be designed to meet the technical specifications (on PJM web site) for the appropriate transmission owner.

In some instances, an IC may not be responsible for 100% of the identified network upgrade cost because other transmission network uses, e.g. another generation interconnection or merchant transmission upgrade, may also contribute to the need for the same network reinforcement. The possibility of sharing the reinforcement costs with other projects may be identified in the Feasibility Study, but the actual allocation will be deferred until the System Impact Study is performed.

The System Impact Study estimates do not include the feasibility, cost, or time required to obtain property rights and permits for construction of the required facilities. The IC is responsible for the right of way, real estate, and construction permit issues. For properties currently owned by Transmission Owners, the costs may be included in the study.

General

Community Energy Solar LLC, the Interconnection Customer (IC), has proposed a 2.5 MW MFO (1.67 MWC) solar powered generating facility to be located at 3024 Vine Rd, Vineland, NJ 08360. PJM studied AE1-046 as a 2.5 MW injection into the Atlantic City Electric (ACE) system at the Minotola 138/12 kV Substation and evaluated it for compliance with reliability criteria for summer peak conditions in 2022. The planned in-service date, as requested by the IC, is December 31, 2019. This date may not be attainable due to required studies and the Transmission Owner construction schedule.

Point of Interconnection

The IC requested a distribution level interconnection. As a result, AE1-046 will interconnect with the ACE distribution system at the Minotola Substation 138/12 kV T2 transformer as follows (SEE Attachment 1)

The 2.5 MW generation facility will connect to the 138/12 kV T2 transformer at the Minotola Substation via a tap of the existing feeder NJ0811.

Direct Connection Requirements

Criteria Limits for Distributed Energy Resource (DER) Connections to the ACE Distribution System (less than 69 kV)

1. Single Phase Limit

Any DER with a capacity that exceeds 100 kW shall be a balanced three-phase system.

2. Voltage Limits

DER's are permitted to cause a voltage fluctuation of up to 2% at the Point of Interconnection, ½ the bandwidth of any voltage regulator at its terminals, and ½ the net dead band of a switched capacitor bank at its connection point. When a DER is at maximum output, it shall not raise the feeder voltage above the ANSI C84.1 or state limit, whichever is more conservative.

3. Existing Distribution Circuit Capacity Limits

The aggregate limit of large (250 kW and over) generators running in parallel with a single, existing distribution circuit is 0.5 MW on the 4 kV, 3 MW on the 12 kV, 6 MW on the 25 kV, and 10 MW on the 34 kV.

4. Express Circuit Capacity Limits

Distributed generation installations which exceed the criteria limit for an existing circuit require an express circuit.

The maximum generator size for express circuits, depending on transformer capacity, shall be:

•	4 kV	0.5 MW
•	12 - 13.8 kV	10 MW
•	23 - 25 kV	10 MW
•	33.26 – 34.5 kV	15 MW

5. Distribution Power Transformer Limit

The aggregate limit of large (250 kW and over) generator injection to a single distribution transformer of 22.5 MVA nameplate or larger is 10 MW. Transformers with nameplate ratings lower than 22.5 MVA will be given lower ratings on an individual basis. If the transformer rating is significantly greater than 40 MVA it may be possible to consider a greater generation capacity.

Adding a new transformer will be considered if there is no availability on any of the existing transformers and space is available in an existing substation. Any proposed transformers would be ACE's standard distribution transformer.

6. Express Circuit Length Limit

If there is no space for an additional transformer at the closest substation, the next closest substation will be considered. The length of an express circuit is limited to 5 miles, or for the sake of the feasibility study, 3.8 straight line miles to the substation. This simplification is used because the feasibility study phase does not allow for the time and resources to examine routes in detail (including existing pole lines, easements, ROW, and environmental issues etc.)

7. When a New Substation is Required

If a distribution express circuit can't be built from an existing substation for a project, it will be necessary to construct a new distribution substation with a standard ring bus design. It will be supplied by extending existing transmission lines. It is the developer's responsibility to verify eligibility of this configuration for solar renewable energy certificates.

All limits, given above in MW, are subject to more detailed study to ensure feasibility.

Transmission Owner (T.O.) Scope of Work

Transmission Owner scope of work required to accommodate 3 MW of generation via NJ0811 from Minotola Substation T2:

- 1. Install and operate a utility-owned recloser equipped with the proper relaying and communications.
- 2. Install and operate utility grade primary metering.
- 3. Install a direct transfer trip scheme. Approximately 0.2 miles of 48SM ADSS fiber optic cable was estimated for this report to provide the communication channel from Minotola Substation to the PV site. (Secondary tree-trimming may also be required.)
- 4. Establish generation telemetry and remote trip capability to be provided to the control center via fiber.

High Level Estimates				
Minotola Substation T2				
Fiber Installation	0.2	mi.	\$45,164	
Substation Relaying	51	0	\$83,145	
Telecommunications Equipment			\$154,905	
Recloser & Metering			\$92,000	
SCADA Integration into EMS			\$11,500	
Miscellaneous Engineering Costs	1		\$219,000	
Approximate Total Cost			\$605,714	

The estimated time to complete this work is 18 - 24 months after receipt of a fully executed interconnection agreement.

High Voltage Warning

Typically, voltage received at the meter from the utility can be up to 105% of nominal (without generation on). Normal operating procedures dictate that voltage at the substation be raised to the higher end of an acceptable bandwidth in order to provide adequate supply to distant customers. It is recommended that transformers with no load taps should be used to adjust secondary voltage to avoid the possibility of inverter trips. Failure to account for this may result in lost energy production.

Additional Operating Requirements:

- 1. ACE will require the capability to remotely disconnect the generator from the grid by communication from its System Operations facility. This will be accomplished with a line recloser.
- 2. It is the IC's responsibility to send the data that PJM and ACE requires directly to PJM (or in some cases to ACE directly). The IC will grant permission for PJM to send ACE the following telemetry that the IC sends to PJM: real time MW, MVAR, volts, amperes, generator/status, and interval MWh and MVARh.

3. ACE reserves the right to charge the IC operation and maintenance expenses to maintain the IC attachment facilities, including metering and telecommunications facilities, owned by ACE.

Interconnection Customer Scope of Work

The IC is responsible for all design and construction related to activities on their side of the Point of Interconnection. Site preparation, including grading and an access road, as necessary, is assumed to be by the IC. Route selection, line design, and right-of-way acquisition of the direct connect facilities is not included in this report and is the responsibility of the IC.

Protective relaying and metering design and installation must comply with ACE's applicable standards. The IC is also required to provide revenue metering and real-time telemetering data to PJM in conformance with the requirements contained in PJM Manuals M-01 and M-14 and the PJM Tariff.

The IC will be required to make provisions for a voice quality phone ("plain old telephone", or "POT") line within approximately 3 feet of each ACE metering position to facilitate remote interrogation and data collection.

The IC shall provide a protection and interrupting device deemed acceptable by ACE to protect the Facility. The protection and interrupting device shall be located at a mutually agreeable location on the Interconnection Customer side of the Point of Interconnection.

A mutually acceptable means of interrupting and disconnecting the generator with a visible break, able to be tagged and locked out, shall be worked out with ACE Distribution Engineering.

Power Factor Requirement

The generators used for this project shall be capable of operating at a power factor (or schedule) specified by ACE in the range of 0.95 leading to 0.95 lagging. It is the responsibility of the developer/customer to obtain equipment that can operate with these requirements while also meeting all applicable requirements of IEEE and UL standards such as, but not limited to, IEEE 1547 and UL 1741.

For this project, operate inverters at a unity power factor of $(\underline{1.0})$ not impacting volt-ampere reactive ("VAR") continuously.

Inverter Requirements (if applicable):

The inverter at the DG location shall have the following capabilities:

- Voltage flicker reduction through dynamic VAR or fixed power factor response
- Ramp rate control
- SCADA communications
- Curtailment or other mitigation ability if high voltage were to occur

- Disturbance Ride through for both Voltage and Frequency
- Ability to receive and respond to a transfer trip signal
- Ability to adjust power factor or VAR based on utility signal
- Ability to Adjust Real Power Output based on utility signal
- Ability to operate on a Volt/VAR schedule
- Ability to maintain a voltage schedule

The inverter(s) shall operate in accordance with both the IEEE 1547 and UL 1741 series of standards that have been approved and use default settings except when specified otherwise by ACE. While inverters should be capable of voltage stabilization through dynamic VAR response and capable of low voltage and system disturbance ride through, neither of these capabilities will be implemented until such time that the IEEE 1547 series of standards are revised and approved to include standards for these capabilities. At such time as these revised standards become available, the generation owner/operator shall cooperate with ACE to implement these capabilities with settings acceptable to ACE. Until such time, the inverters shall operate with a fixed power factor value between 0.95 lead and 0.95 lag as specified by ACE.

Security Requirements

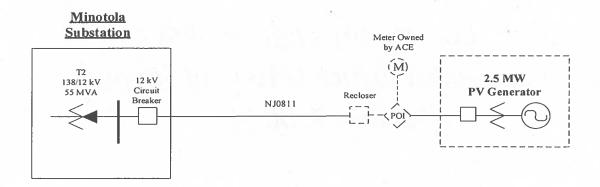
It is the responsibility of the owner to secure the generator or inverter from any unauthorized access (including physical and remote access) which could alter settings or adversely affect its ability to operate as required. Security measures should include utilizing secure password settings and/or physical locks on cabinet doors.

Facilities Study

A PJM Facilities Study is not required for the AE1-046 project. Note however that ACE may require an additional facilities level study to be performed following the execution of the two party interconnection agreement.

AE1-046

Minotola 138/12 kV Sub 2.5 MW PV Solar Generator



4.6: Community Engagement and Environmental Justice Letters of Support (Section B, IX, 5)

- A. Affordable Housing Provider Letters of Support
- B. Community Organization Letters of Support
- C. Environmental Justice Organization Letters of Support
- D. Additional Letters of Support



Letter In Support of Community Energy Inc.'s New Jersey Community Solar Projects

To Whom It May Concern:
We,
The reestablishment of native pollinator habitat on solar arrays will support the return of native insects and butterflies, and bees. The presence of pollinators will contribute to areas within a three mile radius of the array including agricultural land, gardens, and the natural wild landscapes.
we publicly support Community Energy Inc.'s proposed community solar projects in New Jersey. Community Energy has taken an active role in facilitating conversations, engaging on the issues, and leveraging our expertise when it comes to land enhancements practices. In particular, Community Energy has taken an active role to commit to establishing exceptional pollinator friendly habitat in and around their solar projects, as measured by the Pollinator Friendly Solar Scorecard. We believe the benefits of advanced pollinator friendly habitats and proper maintenance on projects in the NJ Community Solar Program will be a boon to local agricultural producers and all New Jersey citizens. To that end, we greatly appreciate Community Energy reaching out to us as a prospective partner.
Community Energy's 20-year history of development expertise and community focus made them stand out during our discussions and we look forward to working with them through the development of these community solar projects.
We encourage the approval of their projects and look forward to the benefits they will bring to the region.
Sincerely,



Chief Executive Officer

has developed into a

August 30, 2019

Community Energy Solar Three Radnor Corporate Center - Suite 300 100 Matsonford Road Radnor, Pa 19087

To Whom it May Concern:

Since its inception in 1984,	has developed into a
widely respected provider of community support services in the stat	e of New Jerseybegan in
response to the needs of people within the community who have the l	ived experiences of mental health
conditions in conjunction with low income status. Through these various	ous educational forums, advocacy,
and statewide services pole to transcend beyond the "pat	ient role" and establish a support
model surrounding ho opened its first peer-run house in	and has since expanded
into an affordable housing provider for more than 750 New Jersey re	esidents. continues to stay
dedicated to providing housing and services as well as promoting the	wellness and recovery within the
community.	
A Division of the Control of the Con	The multiple connect
As the Chief Executive Officer of	we publicly support
LMI-inclusive community solar projects in the state of New Jersey thr	ough the State's new Community
Solar Energy Pilot Program. Community Energy Inc. is at the forefront	of developing these projects, and
we support their efforts. Community Energy has taken an active	role in facilitating conversations,
providing useful information and encouraging us to participate in the	development of their community
solar program plans in our greater community, especially as it related	es to including low and moderate
income participants. Community Energy has discussed opportunities	s for to subscribe to the
project and receive electric benefits that will be passed through to	o our tenants. We believe these
benefits will be another great opportunity for us to better serve ar	id provide for our tenants in our
affordable housing units.	

Community Energy's 20-year history of development expertise and community focus is very commendable. Community Energy has been a reliable and responsive community partner and we look forward to the potential to work with them through the development of these solar projects in our region.

We encourage the approval of these LMI-inclusive projects and look forward to the benefits these projects and others will bring to the region.

Sincerely,

Chief Executive Officer

	CONFIDENT
August 23, 2019	
Letter in Support of Community Ener and LMI Inclusive Community Solar Pro	
To Whom It May Concern:	
Since its inception in 1993, only full-service affordable housing implementation respected within the region leads with a planners, grant-writers, COAH certified housing special informative support staff.	strong management team that includes profest ecialists, licensed building inspectors, lead testers
serves as the Administrative Agent for more than 2 of more than 2,500. The grant writing team of has assisted municipalities and counties throwell as various locations in million for their clients and is a key community resonant various and is a key community resonant various we publicly support ("LMI") inclusive community solar projects in the standard providing useful information to us and to see Energy has discussed opportunities for our affordative believe these benefits could be another great better serve and provide for their tenants.	secures over \$15 million annually for their cloughout southern, central and northern New Jers To date, has realized more than urce in the affordable housing space. It affordable housing and Low and Moderate Indiate of New Jersey through the State's new Commits is at the forefront of developing these projects ken an active role in facilitating a conversiveral or our affordable housing partners. Committee thousing partners and their tenants to participations opportunity for the affordable housing communication.
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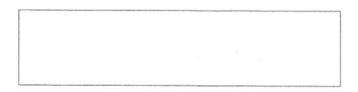
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	August 20, 2019
Re: Letter In Support of Commu New Jersey Community Sol	
o Whom It May Concern:	
eniors the opportunity to remain independent in the vould otherwise be possible. has becommunity by offering 52 community-based residuely evelopmental disabilities, 46 affordable senior hopoial day centers located in	een able to expand with the growing needs of the idences throughout New Jersey for adults with the control of t
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Community Energy's 20-year history of development expertise and community focus is very commendable. We understand that Community Energy has been a reliable and responsive community partner and we look forward to the potential to work with them through the development of these solar projects in our region.

We encourage the approval of these LMI-inclusive projects and look forward to the benefits these projects and others will bring to region.

Sincerely,





September 3, 2019

Letter In Support of Community Energy Inc.'s New Jersey Community Solar Projects

To Whom It May Concer	n:
The Jersey since its inception change by promoting the	has been working on air and clean energy issues in New in 1967. The council is committed to addressing the threat of climate use of renewable energy and energy efficiency in New Jersey.
that residents of New Je alternatives to fossil fuel energy in New Jersey by energy credits. Today Pennsylvania and New Je better protect water bod ensuring that if natural g	has been involved in many initiatives to clean up the ress pollution from fossil fuels. In the early years, was ing that New Jersey complied with its Clean Air Act requirements and rsey were educated on public participation opportunities. Later as s became more available and cost-effective promoted wind signing up its members and others in New Jersey to purchase wind
participate in the develogement, especially as Programs goals of communities discussed opportunities receive the environment opportunity for us to bet	I strongly support Community ommunity solar projects in New Jersey. Community Energy has taken ng conversations, providing useful information and encouraging us to oment of their community solar program plans in our greater it relates to maximizing the New Jersey Community Energy Solar unity and environmental justice engagement. Community Energy has for how our organization members can subscribe to the project and all and electric benefits. We believe these benefits will be another great ter serve and provide opportunities for our New Jersey members to illity efforts. Therefore, we appreciate Community Energy reaching out other.

Community Energy's 20-year history of development expertise and community focus made them stand out during our discussions. Community Energy has been a reliable and responsive partner and we look forward to working with them through the development of these community solar projects.

We encourage the approval of their projects and look forward to the benefits they will bring to the region.

Sincerely,



Letter In Support of Community Energy Inc.'s New Jersey Community Solar Projects

To Whom It May Concern:
The has been dedicated in the fight against homelessness and poverty in New Jersey since its inception in 1991. The began its focus primarily on the residents and needs of Monmouth county but has since expanded its services to helping communities across the state; while simultaneously growing our hardworking team to over 80 employees. In addition to the development of over 550 affordable housing units, the also extends its expertise to creating and maintaining programs such as educational workshops and one-on-one counseling. The continues to stay dedicated to providing affordable housing for those in the state of New Jersey.
reliminary discussions regarding the community solar program, which may lear participation in the program, especially as it relates to low and moderate income families. Community Energy has discussed opportunities for via our deed restricted affordable housing buildings, to subscribe to the project and receive electric benefits that can be passed through to tenants. We believe these benefits will be another great opportunity for us to better serve and provide for our tenants in our affordable housing units. Therefore, we appreciate Community Energy reaching out to us as a prospective partner.
We encourage the approval of their projects and look forward to the benefits they will bring to region.
Sincerely,



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State of New Jerse 44 South Clinton A PO Box 350 Trenton, NJ 08625- Attn: Office of Clea	0350				
Dear New Jersey B	oard of Public Utilities Co	mmissioners and St	aff:		
	ited to support Commun works closely a	nd collaboratively v	ith the Nation	nal Renewable	Energy
Laboratory (NREL), accelerate adoptio	a premier national lab fu n of low-impact solar dev				
Laboratory (NREL), accelerate adoptio and ecosystems. pollinator-friendly and community for	a premier national lab fu	relopment practices is a nationally remunity Energy's 20- during our discussi	that meaning cognized expo year history o ons. Commun	fully benefit a ert source on t f developmen ity Energy has	griculture the topic t expertise been a
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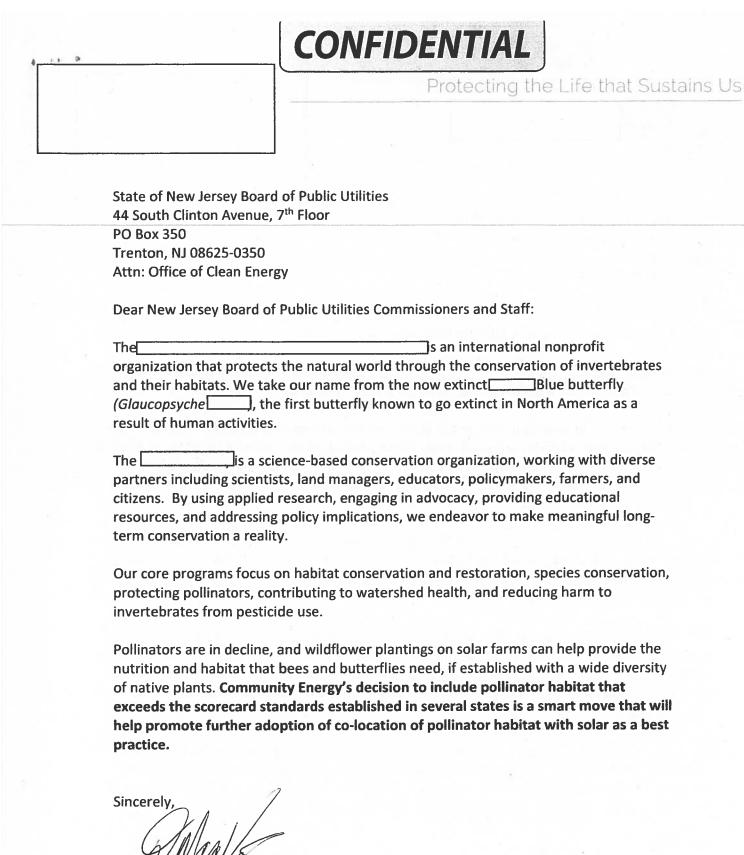


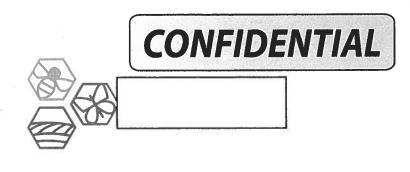
Letter In Support of Community Energy Inc.'s New Jersey Affordable Housing and LMI Inclusive Community Solar Projects

sustainable New Jersey economy. leaders to form a power base that educate for sound new policies; and advances systematical sustainable economy at all levels. work includes sure developing the Energy Master Plan to read	is a network of business organizations and set solutions and policies to support a vibrant, just and obvings together the State's values-based business ses businesses, legislators and the media; is a catalyst temic market change to actively foster a viable, as a state affiliate of the porting the Governor's executive order for such 100% renewables by 2050 by testifying in front of ting in a Rise for Climate, Jobs, and Justice Rally
Income ("LMI") inclusive community sola State's new Community Solar Energy Pilo approach and strengthen policy to create Community Energy Inc. is at the forefront of their efforts. Community Energy has ta assure tha is aware and involved if the State of New Jersey. We believe these	ly support affordable housing and Low and Moderate r projects in the state of New Jersey through the t Program. These projects reflect a triple bottom line a viable market for solar energy access for all. of developing these projects, and we are in support ken an active role in facilitating a conversation to in the community solar work during the Pilot phase in a projects and their triple bottom line benefits are we economic development through energy
commendable. Community Energy's leader	evelopment expertise and community focus is very ership demonstrates them as a reliable and responsive to offering support through the development of these
We encourage the approval of these afformard to the benefits these projects and	dable housing and LMI-inclusive projects and look dothers will bring to region.
Sincerely,	



State of New Jersey Board of Public Utilities	
44 South Clinton Avenue, 7th Floor	
PO Box 350	
Trenton, NJ 08625-0350	
Attn: Office of Clean Energy	
Dear New Jersey Board of Public Utilities Co	mmissioners and Staff:
Established in 1997, the	is the largest 501(c) 3 non-profit
organization dedicated exclusively to the he	_ , ,
	actions for pollinators include education,
conservation, restoration, policy, and resear	•
Dontontino and companyation of multipatane d	
Protection and conservation of pollinators done of flowering plants and clean food and water	· · · · · · · · · · · · · · · · · · ·
Community Energy for its proposal to use to	
under and around the ground-mounted sol	
The environment and the economy both wir	
ecologically and agriculturally innovative sol	
provide both low-cost energy and high-quali for all of us.	ty habitat for pollinators. That's a victory
ioi ali oi as.	
-	





State of New Jersey Board of Public Utilities
44 South Clinton Avenue, 7th Floor
PO Box 350
Trenton, NJ 08625-0350
Attn: Office of Clean Energy

Attn: Office of Clean Energy
Dear New Jersey Board of Public Utilities Commissioners and Staff:
I am writing to shareposition of enthusiastic support for Community Energy's proposal to develop solar projects in New Jersey.
Critical habitat is disappearing in the United States. As a result, honey bees and other pollinators like monarch butterflies are in serious decline. These pollinators are essential to life as we know it. In fact, about one-third of global food production and billions in agriculture are dependent on pollinators to some degree – honey bees and other insects pollinate 80 percent of flowering plants worldwide.
The is establishing high quality pollinator habitat to ensure honey bee and monarch butterfly populations thrive. We're working with landowners, conservationists, scientists, beekeepers, and innovative solar developers to build healthy and sustainable pollinator habitat with maximum benefits.
Community Energy's commitment to use an entomologist vetted pollinator-friendly solar scorecard is just one example of the company's commitment for its projects to provide meaningful pollinator value
encourages the State of New Jersey Board of Public Utilities to
select Community Energy's proposal to develop pollinator-friendly solar projects both for the immediate value they will provide to pollinators and for the example they will set for the rest of the state and the region that pollinator-friendly development is a best practice.
Sincerely,



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IW.	
fair of partners to work with on this LN ves forward.	
artners to wol	
environmental justice groups across the State over the past several months. This list of organizations is below. We are committed to finding strong partners to work with on this LMI projects and look forward to pursuing additional conversations with many of these organizations as this process moves forward.	
committed to fi	
elow. We are c	
anizations is be	
This list of org	
veral months.	
er the past se rard to pursui	
on provided in ss the State ov and look forw	
e groups acros projects	
in addition to the letters of support provided in the project application package, community energy has been working to engage another nvironmental justice groups across the State over the past several months. This list of organizations is below. We are committed to finding st nvironmental justice groups across the State over the pursuing additional conversations with many of these organizations as this process mo	
environ	

4.7: Project Cost Spreadsheet

Model

(Section B, XI, 1)



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NJ Community Solar Pilot Program Project Cost Worksheet

Project Name:

West Atlantic Solar II I C

West Atlantic Solar II LLC

Yellow Highlighted = Metrics Requested on Community Solar Application Section B, XI, 1

^	
	Net installed Cost
Project Size (kWac)	Net Installed Cost per watt
Gross Irradiation Marketing/CAC: \$	
Annual Production (kWh) Total: \$	
Rate Assumptions Operating Costs: NPV - Lifetime Operating	NPV - Lifetime Operating Costs
Cost of Capital/Discount Rate Subscriber Mgmt \$ Plus Tax Benefits	lus Tax Benefits
Annual Operating Cost Growth O&M \$ Net Present kWh	let Present kWh
Annual Production Loss Other (Taxes, Insurance, Land, etc) \$	
Annual Customer Churn Levelized Cost of Energy	Levelized Cost of Energy (LCOE)
Federal ITC Average Annual: \$	
Tax Rate	

Production (kWh)	MACRS Depreciation Total Costs	Federal ITC	Install Costs Operating Costs		Continued		Production (kWh)	lotal costs	MACRS Depreciation	Federal ITC	Operating Costs	Install Costs		MACRS 5-Year Depreciation Schedule
				Year				v	· 40	· ts	<.	٠,	Year	on Schedule
														7000
														MCE
														19 20%
														11 57%
														11 57%
														2,76%
						,								

4.8: Pollinator-Friendly Solar Scorecard

Project Name: West Atlantic II LLC



Pollinator-friendly solar scorecard



The entomologist-approved standard for what constitutes "beneficial to pollinators" within the managed landscape of a PV solar facility. Only for use in countries and/or states that have not yet adopted a standard.

□ 26-50%					
31-45 %		ATION COVER TO BE	6. 9	SITE PLANNING AND MANAGEMEN	IT
46-60 %			\square	Detailed establishment and	+ 15 points
Total points 10 Note: Projects may have "array" mixes and diverse open area/ border mixes; forb dominance should be averaged across the entire site. The dominance should be averaged across the entire site. The dominance should be averaged across the entire site. The dominance should be averaged across the entire site. The dominance should be averaged across the entire site. The dominance should be averaged across the entire site. The dominance should be averaged across the entire site. The dominance should be averaged across the entire site. The dominance should be averaged across the entire site. The dominance should be averaged across the entire site. The dominance should be averaged across the entire site. The dominance should be adequated from total numbers of forb seeds vs. grass seeds (from all seed mixes) to be planted. 2. PLANNED % OF SITE DOMINATED BY NATIVE SPECIES COVER □ 26-50%				management plan developed	
Total points 10		· ·		with funding/contract to	
Note: Projects may have "array" mixes and diverse open area/ border mixes; forb dominance should be averaged across the entire site. The dominance should be calculated from total numbers of forb seeds vs. grass seeds (from all seed mixes) to be planted. 2. PLANNED % OF SITE DOMINATED BY NATIVE SPECIES COVER 26-50%	□ 61+ %	+15 points		implement	
Note: Projects may have "array" mixes and diverse open area/ border mixes; forb dominance should be averaged across the entire site. The dominance should be calculated from total numbers of forb seeds vs. grass seeds (from all seed mixes) to be planeted. 2. PLANNED % OF SITE DOMINATED BY NATIVE SPECIES COVER 26-50%	Total points	10			
border mixes; for b dominance should be averaged across the entire site. The dominance should be averaged across the entire site. The dominance should be calculated from total numbers of forb seeds vs. grass seeds (from all seed mixes) to be planted. 2. PLANNED % OF SITE DOMINATED BY NATIVE SPECIES COVER 26-50%	Note: Orginate may have "array" mives and dive	rea open area/			ar .
site. The dominance should be calculated from total numbers of forb seeds vs. grass seeds (from all seed mixes) to be planted. 2. PLANNED % OF SITE DOMINATED BY NATIVE SPECIES COVER 26-50%				habitat" (at least 1 every 20ac.)	
2. PLANNED % OF SITE DOMINATED BY NATIVE SPECIES COVER 26-50%	site. The dominance should be calculated from	total numbers of forb	7. S	EED MIXES Total points	20
2. PLANNED % OF SITE DOMINATED BY NATIVE SPECIES COVER □ 26-50%				Mixes are composed of at least	+5 points
COVER	2. PLANNED % OF SITE DOMINATED BY	NATIVE SPECIES	IZ		
26-50%	COVER			· · · · · · · · · · · · · · · · · · ·	+5 points
Total points 15	26-50%	+5 points	4		
Total points 15	☐ 51-75%.	+10 points		At least 2% milkweed cover to be	+10 points
Total points 15 3. PLANNED COVER DIVERSITY (# of species in seed mixes; numbers from upland and wetland mixes can be combined)	☑ 76-100%	+15 points			
3. PLANNED COVER DIVERSITY (# of species in seed mixes; numbers from upland and wetland mixes can be combined) 10-19 species	Total points	,			20
numbers from upland and wetland mixes can be combined) 10-19 species	•		8. I		
10-19 species			_		-40 points
10-19 species	multipers from upland and wedand mix				
20-25 species					
Total points 5 Note: exclude invasives from species totals. 4. PLANNED SEASONS WITH AT LEAST 3 BLOOMING SPECIES PRESENT (check/add all that apply) Spring (April-May) Spring (April-May) Summer (June-August) Fall (September-October) Total points Total points Total points Total points Total points 9. OUTREACH/EDUCATION Site is part of a study with a college, university, or research lab. Whative bunch grasses for nesting +2 points Native trees/shrubs for nesting +2 points Clean, perennial water sources +2 points Created nesting feature/s (bee blocks, etc.) Total points Total points Provides Exceptional Habitat Neets Pollinator Standards Project Name: Vegetation Consultant: Project Location: Total acres (array and open area):		•			
Total points 5	26 or more species	+15 points			-40 naints
Note: exclude invasives from species totals. 4. PLANNED SEASONS WITH AT LEAST 3 BLOOMING SPECIES PRESENT (check/add all that apply) Spring (April-May)	Total points	5		_	40 points
4. PLANNED SEASONS WITH AT LEAST 3 BLOOMING SPECIES PRESENT (check/add all that apply) Spring (April-May)					
SPECIES PRESENT (check/add all that apply) Spring (April-May) +5 points Summer (June-August) +5 points Fall (September-October) +5 points Total points 15 Note: Check local resources for data on bloom seasons 5. AVAILABLE HABITAT COMPONENTS WITHIN .25 MILES (check/add all that apply) Native bunch grasses for nesting +2 points Native trees/shrubs for nesting +2 points Clean, perennial water sources +2 points Created nesting feature/s +2 points (bee blocks, etc.) Total points 6 Communication/registration with local chemical applicators about need to prevent drift from adjacent areas. Total points 9. OUTREACH/EDUCATION Site is part of a study with a college, university, or research lab. Grand total 91 Provides Exceptional Habitat Meets Pollinator Standards 70-84 Project Name: Vegetation Consultant: Project Location: Total acres (array and open area):	4. PLANNED SEASONS WITH AT LEAST	3 BLOOMING			
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					+10 points
Fall (September-October) +5 points Total points 15 Note: Check local resources for data on bloom seasons 5. AVAILABLE HABITAT COMPONENTS WITHIN .25 MILES (check/add all that apply) Native bunch grasses for nesting +2 points Native trees/shrubs for nesting +2 points Clean, perennial water sources +2 points Created nesting feature/s +2 points (bee blocks, etc.) Total points 6 Provides Exceptional Habitat		•		·	
Total points 15 Note: Check local resources for data on bloom seasons 5. AVAILABLE HABITAT COMPONENTS WITHIN .25 MILES (check/add all that apply) Native bunch grasses for nesting +2 points Native trees/shrubs for nesting +2 points Clean, perennial water sources +2 points Created nesting feature/s +2 points (bee blocks, etc.) Total points 6 PoutreACH/EDUCATION Site is part of a study with a college, university, or research lab. Frovides Exceptional Habitat Neets Pollinator Standards 70-84 Project Name: Vegetation Consultant: Project Location: Total acres (array and open area):				adjacent areas. Total points	
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Note: Check local resources for data on bloom seasons 5. AVAILABLE HABITAT COMPONENTS WITHIN .25 MILES (check/add all that apply) Native bunch grasses for nesting +2 points Native trees/shrubs for nesting +2 points Clean, perennial water sources +2 points Created nesting feature/s +2 points (bee blocks, etc.) Total points 6 Provides Exceptional Habitat >85 Meets Pollinator Standards 70-84 Project Name: Vegetation Consultant: Project Location: Total acres (array and open area):	Total points	15	\bigcap^{\bullet}		+5 points
5. AVAILABLE HABITAT COMPONENTS WITHIN .25 MILES (check/add all that apply) Native bunch grasses for nesting +2 points Native trees/shrubs for nesting +2 points Clean, perennial water sources +2 points Created nesting feature/s +2 points (bee blocks, etc.) Total points 6 Provides Exceptional Habitat >85 Meets Pollinator Standards 70-84 Project Name: Vegetation Consultant: Project Location: Total acres (array and open area):	Note: Check local resources for data on bloor	n seasons		•	
MILES (check/add all that apply) Native bunch grasses for nesting +2 points Native trees/shrubs for nesting +2 points Clean, perennial water sources +2 points Created nesting feature/s +2 points (bee blocks, etc.) Total points 6 Provides Exceptional Habitat >85 Meets Pollinator Standards 70-84 Project Name: Vegetation Consultant: Project Location: Total acres (array and open area):	5. AVAILABLE HABITAT COMPONENTS	WITHIN .25			
Native trees/shrubs for nesting +2 points Clean, perennial water sources +2 points Created nesting feature/s +2 points (bee blocks, etc.) Total points 6 Provides Exceptional Habitat Meets Pollinator Standards Project Name: Vegetation Consultant: Project Location: Total acres (array and open area):	MILES (check/add all that apply)				91
Clean, perennial water sources +2 points Created nesting feature/s +2 points (bee blocks, etc.) Total points 6 Vegetation Consultant: Project Location: Total acres (array and open area):			Provi	des Exceptional Habitat	>85
Created nesting feature/s +2 points (bee blocks, etc.) Total points 6 Project Name: Vegetation Consultant: Project Location: Total acres (array and open area):		•	Meet	s Pollinator Standards	70-84
(bee blocks, etc.) Total points 6 Vegetation Consultant: Project Name. Vegetation Consultant: Project Name. Total acres (array and open area):		·			
Project Location: Total acres (array and open area):			Proje	ct Name:	
Total acres (array and open area):	(bee blocks, etc.) Total points	6	_		
Duckastad Conding Data:				acres (array and open area):	



5: Community Solar Application – Certifications (Section C)

- 5.1 Applicant Certification
- 5.2 Project Developer Certification
- 5.3 Project Owner Certification
- 5.4 Property Owner Certification
- 5.5 Subscriber Organization Certification



Section	n C: Certifications
Instruc notariz	tions: Original signatures on all certifications are required. All certifications in this section must be ed.
Applica	nt Certification
The un	dersigned warrants, certifies, and represents that:
1)	I, Brent Beerley (name) am the Manager (title) of the Applicant West Atlantic Solar II LLC (name) and have been authorized to file this Applicant Certification on behalf of my organization; and
2)	The information provided in this Application package has been personally examined, is true, accurate, complete, and correct to the best of the undersigned's knowledge, based on personal knowledge or on inquiry of individuals with such knowledge; and
3)	The community solar facility proposed in the Application will be constructed, installed, and operated as described in the Application and in accordance with all Board rules and applicable laws; and
. 4)	The system proposed in the Application will be constructed, installed, and operated in accordance with all Board policies and procedures for the SREC Registration Program or subsequent revision to the SREC Registration Program, if applicable; and
5)	My organization understands that certain information in this Application is subject to disclosure under the Open Public Records Act, N.J.S.A. 47-1A-1 et seq., and that sensitive and trade secret information that they wish to keep confidential should be submitted in accordance with the confidentiality procedures set forth in N.J.A.C. 14:1-12.3.; and
6)	My organization acknowledges that submission of false information may be grounds for denial of this Application, and if any of the foregoing statements are willfully false, they are subject to punishment to the full extent of the law, including the possibility of fine and imprisonment.
Signatu	
	ame: Brent Beerley Manager Company: West Atlantic Solar II LLC
Signed	and sworn to before me on this 1st day of August 20 19

NOYARIAL SEAL LINDA'S CURELLO Motary Public RADNOR TOWNSHIP, DELAWARE COUNTY My Commission Expires May 31, 2020

COMMONWEALTH OF PENNSYLVANIA

Name



Project Developer Certification

This Certification "Project Developer / Installer" is optional if: 1) the Applicant is a government entity (municipal, county, or state), AND 2) the community solar developer will be selected by the Applicant via a-Request for Proposals (RFP), Request for Quotations (RFQ), or other bidding process. In all other cases, this Certification is required.

The un	dersigned warrants, certifies, and represe	ents that:				
1\	Brent Beerley (name	e) am the	Manager	(title) of the		
/	Project Developer West Atlantic Sol			en authorized to file this		
	Applicant Certification on behalf of my o					
2)	The information provided in this Appli	cation pac	kage has been pers	onally examined, is true,		
	accurate, complete, and correct to the			ledge, based on personal		
	knowledge or on inquiry of individuals with such knowledge; and					
3)	The community solar facility proposed operated as described in the Application					
4)	laws; and The system proposed in the Applica	tion will	he constructed ins	talled, and operated in		
A)	accordance with all Board policies at					
	subsequent revision to the SREC Registr					
5) My organization understands that certain information in this Application is subject to disclos						
	under the Open Public Records Act, N.J					
	information that they wish to keep co confidentiality procedures set forth in N	ALCOHOLOGICAL CANADA	STATE STREET, WAS A STREET, WHITE STREET, STRE	in accordance with the		
6)	My organization acknowledges that sub		·····································	ay be grounds for denial		
0,	of this Application, and if any of the fo					
	to punishment to the full extent of the					
Signatu	ire: MA GY	Da	nte: 8/1/19			
Drint M	ame: Brent Beerley					
	Manager	Company:	West Atlantic Sc	olar II LLC		
nue	Managor	company.				
Signed	and sworn to before me on this	day of \int	tugus 1, 20 19			
	Le SCe C	C	OMMONWEALTH OF PENNSYLY	IANIA		
-Şignatı	ire		NOTARIAL SEAL	Tr.		
10	da J. Curello	te Lance	Notary Public	COUNTY		
Name		RADI	NOR TOWNSHIP, DELAWARE Commission Expires May 3	, 2020		



Project Owner Certification

The un	dersigned warrants, certifies, and repre	esents that:		
1)	Brent Beerley (nar	me) am the	Manager	(title)_of_the
Δ)	Project Owner West Atlantic Sola Applicant Certification on behalf of my	ar II LLC (nar	ne) and have been	
2)	The information provided in this Apparent accurate, complete, and correct to the	plication pack e best of the u	age has been persoi indersigned's knowle	
	knowledge or on inquiry of individuals			o and the large of the
3)	The community solar facility propositions operated as described in the Applications; and			
4)	The system proposed in the Appli accordance with all Board policies subsequent revision to the SREC Regis	and procedu	res for the SREC R	
5)	My organization understands that cer under the Open Public Records Act, N information that they wish to keep	I.J.S.A. 47-1A-	1 et seq., and that se	nsitive and trade secret
1	confidentiality procedures set forth in		Maria III Celebration III	A STATE OF THE PARTY OF THE PAR
6)	My organization acknowledges that su			y be grounds for denial
	of this Application, and if any of the to punishment to the full extent of the	foregoing sta	tements are willfully	false, they are subject
Signatu) Dat	e: 8/1/19	(3) 1 3 112
Print N	ame: Brent Beerley			
	Manager	Company: _	West Atlantic So	lar II LLC
	ſSŦ	<u> </u>		
Signed	and sworn to before me on this 15t	day of	ugust 2019	
X	1 & all			
Signatu	the S. Curello	CON	MONWEALTH OF PENNSYLVAN	A
Lin	to S. Curello	- 1 s	NOTARIAL SEAL LINDA S CURELLO	
Name		RADNO .My Co	Notary Public R TOWNSHIP, DELAWARE CO Immission Expires May 31, 2	UNTY 020



Property Owner Certification

(name) am the Property Owner (title) of the

Property 3024 Vine Road* (name) and have been authorized to file this Applicant

Certification on behalf of my organization; and

The undersigned warrants, certifies, and represents that:

2) The information provided in this Application package pertaining to siting and location of the proposed community solar project has been personally examined, is true, accurate, complete, and correct to the best of the undersigned's knowledge, based on personal knowledge or on inquiry of individuals with such knowledge; and

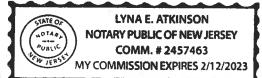
3) My organization or I understand that certain information in this Application is subject to disclosure under the Open Public Records Act, N.J.S.A. 47-1A-1 et seq., and that sensitive and trade secret information that they wish to keep confidential should be submitted in accordance with the confidentiality procedures set forth in N.J.A.C. 14:1-12.3.; and

4) My organization acknowledges that submission of false information may be grounds for denial of this Application, and if any of the foregoing statements are willfully false, they are subject to punishment to the full extent of the law, including the possibility of fine and imprisonment.

Print Name: Sherry Marolda

Title: **Property Owner**

Signed and sworn to before me on this



* 3024 Vine Road refers to parcels 0105_7301_2_QFarm and 0105_7301_8_QFarm



Subscriber Organization Certification (optional, complete if known)

	The un	dersigned warrants, certifies	s, and represents that:		
	1)	i, Brent Beerley	(name) am the	President	(title) of the
		Subscriber Organization Co	OMMUNITY ENERGY SOLAR	LLC (name) and have b	een authorized to file
		this Applicant Certification	on behalf of my organiz	ation; and	
	2)	The information provided	in this Application pac	kage has been personal	lly examined, is true
		accurate, complete, and co knowledge or on inquiry of			ge, based on persona
	3)	The community solar facil operated as described in t laws; and			
	4)	My organization understan	ds that certain informat	tion in this Application is	subject to disclosure
		under the Open Public Rec	ords Act, N.J.S.A. 47-1A	-1 et seq., and that sens	itive and trade secre
		information that they wish confidentiality procedures			accordance with the
	5)	My organization acknowled	iges that submission of	false information may l	be grounds for denia
		of this Application, and if			A DESCRIPTION OF A STREET ASSOCIATION OF THE PARTY OF THE
		to punishment to the full e	xtent of the law, includ	ing the possibility of fine	e and imprisonment.
	Cianati	Int PAS	Do	te: 8/1/19	
	Signatu		Da	te. <u>87.119</u>	
	Print N	_{ame:} Brent Beerley	AND TO STATE OF THE PARTY OF		
		President	Company:	COMMUNITY ENERGY	SOLAR, LLC
		498	CONTRACTOR AND	SA PROPERTY AND STREET	
			155		
	Signed	and sworn to before me on	this day of	ugust 20 19	
_	-	000		A	
1	1	as seed	COMMO	NOTARIAL SEAL	7
	Signatu	da S. Curell	<u> </u>	LINDA S CURELLO	
	Name	ord S. Carett	RADNOR T	Notary Public OWNSHIP, DELAWARE COUNTY nission Expires May 31, 2020	
		*			

6: Community Solar Application – Appendix (Section D)

- 6.1 Product Offering Questionnaire Appendix A
- 6.2 Required Attachments Checklist Appendix B



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Certain information in this document, as identified with a black arrow, is strictly confidential. Do not copy or share.

Section D: Appendix

Appendix A: Product Offering Questionnaire

Complete the following Product Offering Questionnaire. If there are multiple different product offerings for the proposed community solar project, please complete and attach one Product Offering Questionnaire per product offering.

Applicants are expected to provide a good faith description of the product offerings developed for the proposed community solar project, as they are known at the time the Application is filed with the Board. If the proposed project is approved by the Board, the Applicant must notify the Board and receive approval from the Board for any modification or addition to a Product Offering Questionnaire.

Exception: This "Product Offering Questionnaire" is optional if: 1) the Applicant is a government entity (municipal, county, or state), AND 2) the community solar developer will be selected by the Applicant via a Request for Proposals (RFP), Request for Quotations (RFQ), or other bidding process.

	Community Solar Subscription Type (examples: kilowatt hours per year, kilowatt percentage of community solar facility's nameplate capacity, percentage of subscrib
Billi	
	ng italia ang marini a
2	Community Color Culturalities Britan (about all that analy)
2.	Community Solar Subscription Price: (check all that apply)
4.	Fees
	☐ Sign-up fee:
	Uther fee(s) and frequency:

If "Yes," the savings are guaranteed or fixed:



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Certain information in this document, as identified with a black arrow, is strictly confidential. Do not copy or share.



Appendix B: Required Attachments Checklist

Note that this list is for indicative purposes only. Additional attachments may be required, and are identified throughout this Application Form.

Required Attachments for all Applications	Page	Attached?
Delineated map of the portion of the property on which the community solar facility will be located.	p.7	☑Yes ☐ No
For electronic submission only: copy of the delineated map of the portion of the property on which the community solar facility will be located as a PDF and in drawing file format (.dwg) or as a shapefile (.shp).	p.7	☑Yes □ No
Proof of site control.	p.8	☑Yes ☐ No
Copy of the completed Permit Readiness Checklist as it was submitted to NJDEP PCER, if applicable.	p.11	✓Yes □ No
Proof of a meeting with NJDEP PCER, if applicable.	p.12	✓ Yes ☐ No
A screenshot of the capacity hosting map at the proposed location, showing the available capacity.	p.12	✓Yes ☐ No
Substantiating evidence of project cost in the form of charts and/or spreadsheet models.	p.16	☑Yes ☐ No
Certifications in Section C.	p.19-23	☑Yes ☐ No
Product Offering Questionnaire(s).	p.24	☑Yes ☐ No

Required Attachments for Exemptions	Page	Attached?
The Applicant is a government entity (municipal, county, or state), and the community solar developer will be selected by the Applicant via a Request for Proposals (RFP), Request for Quotations (RFQ), or other bidding process:	p.6, p.19	□Yes ☑ No
The proposed community solar project is located, in part or in whole, on Green Acres preserved open space or on land owned by NJDEP.	p.8	□Yes ☑ No
The proposed community solar project has received, in part or in whole, a subsection (t) conditional certification from the Board prior to February 19, 2019.	p. 19	□Yes ☑ No
Solar Energy Pilot Program.		.1

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