

#### Section B: Community Solar Energy Project Description

Project Name:

\*This name will be used to reference the project in correspondence with the Applicant.

#### I. Applicant Contact Information

Applicant Comp	oany/Entity Nam	ne:	
First Name: Last Name:			
Daytime Phone	:	Email:	
Applicant Maili	ng Address:		
Municipality:		County:	Zip Code:
Applicant is:	Property/Sit		
II. Community S	Solar Project Ow		
Project Owner Company/Entity Name (complete if known): First Name: Last Name: Daytime Phone: Email: Mailing Address:			
		County:	
III. Community	Solar Developer		

This section, "Community Solar Developer," 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 RFP, RFQ, or other bidding process. In all other cases, this section is required.

Developer Company Name (optional, complete if applicable):				
First Name:	Last Name:			
Daytime Phone:	Email:			
Mailing Address:				
Municipality:	County:	Zip Code:		

The proposed community solar project will be primarily built by:

□ the Developer □ a contracted engineering, procurement and construction ("EPC") company



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.

EPC Company Name (option)	al, complete if applicable):	
First Name:	Last Name:	
Daytime Phone:	Email:	
Mailing Address:		
Municipality:	County:	Zip Code:
IV. Property/Site Owner Info	rmation	
Property Owner Company/E	ntity Name:	
First Name:	Last Name:	
Daytime Phone:	Email:	
Applicant Mailing Address:		
Municipality:	County:	Zip Code:
V. Community Solar Subscrib	er Organization (optional, compl	lete if known)
If		
		r Organization becomes known.
		-
Subscriber Organization Com	npany/Entity Name (optional, cor	mplete if applicable):
First Name:	Last Name:	
Daytime Phone:	Email:	
Mailing Address:		
Municipality:	County:	Zip Code:
VI. Proposed Community Sol	ar Facility Characteristics	
Community Solar Facility Size	e (as denominated on the PV par	nels): MWdc
*Any application for a system	n larger than 5 MWdc will be au	tomatically eliminated. If awarded, projects
will be held to the MWdc size	e indicated in this Application.	
Community Solar Facility Loca	ation (Address):	
Municipality:	County:	Zip Code:

Name of Property (optional, complete if applicable): \_\_\_\_\_



Property Block and Lot Number(s): _		
Community Solar Site Coordinates:	Longitude	Latitude
Total Acreage of Property Block and Lots:	acres	

Attach a delineated map of the portion of the property on which the community solar facility will be located in PDF format. The map must be provided in color. Note: Applications may be required upon request to submit a copy of the delineated map as a design plan in drawing file format (.dwg) or as a shapefile (.shp), in order to facilitate integration with Geographic Information System (GIS) software.

EDC electric service territory in which the proposed community solar facility is located: (select one)

- Atlantic City Electric
- □ Jersey Central Power & Light
- Public Service Electric & Gas

Total Acreage of Community Solar Facility:

Rockland Electric Co.

acres

Estimated time from Application selection to project completion\* (*The Applicant should provide a good faith estimate of the date of project completion; however, this data is being collected for informational purposes only.*): \_\_\_\_\_\_ (month) \_\_\_\_\_\_ (year) \*Project completion is defined pursuant to the definition at N.J.A.C. 14:8-9.3 as being fully operational, up to and including having subscribers receive bill credits for their subscription to the project. Projects must be fully operational within 12 months of receiving conditional approval by the Board (subject to change according to the proposed rule amendment described in the Terms and Conditions).

The proposed community solar facility is an existing project\* .....

If "Yes," the Application will not be considered by the Board. See section B. XIII. for special provisions for projects having received a subsection (t) conditional certification from the Board prior to February 19, 2019.

\*An existing project is defined in N.J.A.C. 14:8-9.2 as a solar project having begun operation and/or been approved by the Board for connection to the distribution system prior to February 19, 2019.

### VII. Community Solar Facility Siting

1. The proposed community solar project has site control<sup>\*</sup> ..... □ Yes □ No If "Yes," attach proof of site control.

If "No," the Application will be deemed incomplete.

\*Site control is defined as property ownership or option to purchase, signed lease or option to lease, or signed contract for use as a community solar site or option to contract for use as a community solar site. The site control must be specific to the project in this Application, and may not be contingent on the approval of another Application submitted in PY2.



If "Yes," the Application will not be considered by the Board.

\*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.

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 (*check all that apply*):
  - $\Box$  a landfill (see question 7 below)
  - $\Box$  a brownfield (see question 8 below)
  - $\Box$  an area of historic fill (see question 9 below)
  - $\Box$  a rooftop (see question 10 below)
  - $\hfill\square$  a canopy over a parking lot or parking deck
  - $\Box$  a canopy over another type of impervious surface (e.g. walkway)
  - □ a water reservoir or other water body ("floating solar") (see question 11 below)
  - □ a former sand or gravel pit or former mine
  - $\Box$  farmland\* (see definition below)
  - □ other (see question 5 below): \_\_\_

\*Farmland is defined as 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 <u>et seq</u>.) at any time within the ten year period prior to the date of submission of the Application.

5. If you answered "other" to question 4 above, describe the proposed site and explain why it is appropriate for siting a community solar facility:



- 6. 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
  - □ the New Jersey Pinelands

If the project is a ground mounted project (i.e. not rooftop or canopy), and answered "Yes" to either of the options above, include a letter or other determination from the New Jersey Highlands Council or the New Jersey Pinelands Commission, as relevant, stating that the proposed project is consistent with land use priorities in the area.

- 7. If the proposed community solar facility is located, in part or in whole, on a landfill, 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. If the proposed community solar facility is located, in part or in whole, on a brownfield, has a final remediation document been issued for the property? ..... If "Yes," 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.
- 9. If the proposed community solar facility is located, in part or in whole, on an area of historic fill, have the remedial investigation requirements pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E-4.7 been implemented? ..... Has the remediation of the historic fill been completed pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E-5.4? ..... 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. If the proposed community solar facility is located, in part or in whole, on a rooftop, has the Applicant verified that the roof is structurally able to support a solar system? ......  $\Box$  Yes  $\Box$  No If "Yes," attach substantiating evidence. If "No," the application will not be considered by the Board.
- 11. If the proposed community solar facility is located, in part or in whole, on a water reservoir or other water body ("floating solar"), is the facility located at a water treatment plant or sand and gravel pit that has little to no established floral and faunal resources?



If "Yes," provide supporting details and attach substantiating evidence if needed. \*All proposed floating solar projects are required to meet with NJDEP's OPPN prior to submitting an Application. Applicants are responsible for contacting NJDEP with sufficient advance notice to ensure that a meeting will occur prior to the deadline to submit an Application. Please see section VIII Permits, Question 2 for more information.

- 12. 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 land or a building that is preserved by a municipal, county, state, or federal entity ...... □ Yes □ No If "Yes," attach proof of the designation of the site as "preserved" from a municipal, county, or state entity, and evidence that such designation would not conflict with the proposed solar facility.
- 17. Are there any use restrictions at the site? ..... □ Yes □ No If "Yes," explain the use restriction below and provide documentation that the proposed community solar project is not prohibited.



Will the use restriction(s) be required to be modified by variance or other means? .....  $\Box$  Yes  $\Box$  No If "Yes," explain the modification below.

19. This question is for informational purposes only, and will not impact the Application's score. The Board is interested in learning more about ways in which "dual use" projects may be implemented in the Pilot Program:

The proposed community solar facility is a "dual use" project: i.e. the project site will remain in active agricultural production throughout the life of the project (e.g. crop production under or between the panels, livestock grazing)......  $\Box$  Yes  $\Box$  No \*Wildflower planting or other pollination support is not considered dual use for purposes of this question (pollination support is question 18).

If "Yes," explain what agricultural production will be maintained on the site and will be consistent with the presence of a solar system. Provide any substantiating documentation in an attachment.



VIII. Permits

The Applicant has completed the NJDEP Permit Readiness Checklist, and will submit it as an attachment to this Application..... Yes No
 If "No," the Application will be deemed incomplete. This requirement only applies to ground mounted and floating solar projects. Community solar projects located on a rooftop, parking lot, or parking structure are exempt from this requirement.

\*Applicants are <u>not required</u> to submit the Permit Readiness Checklist to NJDEP prior to submitting an Application to the Board, except in the case of floating solar projects.

2. The Applicant has met with NJDEP's OPPN ..... □ Yes □ No If "Yes," attach meeting notes or relevant correspondence with NJDEP's OPPN.

\* If the Applicant met with OPPN or received comments from OPPN (formerly PCER) for this project as part of the Program Year 1 Application process, and if the details of the project and the site characteristics have remained the same, those comments remain valid. Please include those comments or meeting notes as an attachment to the Application.

\*A meeting with NJDEP's OPPN is <u>not required</u> prior to submitting an Application. Exception: all floating solar projects are required to meet with NJDEP's OPPN prior to submitting an Application. Applicants with a floating solar project are responsible for contacting NJDEP with

sufficient advance notice to ensure that a meeting will occur prior to the deadline to submit an Application.

\*Receiving all non-ministerial permits is <u>not required</u> prior to submitting an Application. \*A non-ministerial permit is one in which one or more officials consider various factors and exercise some discretion in deciding whether to issue or deny a permit. This is in contrast to a ministerial permit, for which approval is contingent upon the project meeting pre-determined and established standards. Examples of non-ministerial permits include: local planning board authorization, use variances, Pinelands or Highlands Commission approvals, etc. Examples of ministerial permits include building permits and electrical permits.

- 4. 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. 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.
  - b. 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.

Permit Name	Permitting	Date Permit Applied for (if applicable) /
& Description	Agency/Entity	Date Permit Received (if applicable)
		27

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

If "Yes," include a screenshot of the capacity hosting map at the proposed location, showing the available capacity.

If the hosting capacity map shows insufficient capacity, the Application will not be considered by the Board, unless the Applicant provides: 1) a letter from the relevant EDC indicating that the hosting capacity map is incorrect in that location, or 2) an assessment from the relevant EDC of the cost of the interconnection upgrade that would be required to enable the interconnection of the proposed system, and a commitment from the Applicant to pay those upgrade costs if the project were to be selected by the Board.

<u>Exception</u>: Projects located in PSE&G service territory for which the hosting capacity map shows insufficient capacity available at the planned location may be eligible for a waiver of this requirement. If this application is seeking to exercise this waiver, please check "Yes" below and attach the waiver requirements as described in the Board's Order: <u>https://www.njcleanenergy.com/files/file/CommunitySolar/FY21/8E%20-</u>%200RDER%20PSEG%20Interconnection.pdf.

This project is exercising the PSE&G hosting capacity map waiver: .....  $\Box$  Yes  $\Box$  No



IX. Community Solar Subscriptions and Subscribers

- 1. Estimated or Anticipated Number of Subscribers (please provide a good faith estimate or range):
- 2. Estimated or Anticipated Breakdown of Subscribers (*please provide a good faith estimate or range of the kWh of project allocated to each category*):

 Residential:
 Commercial:

 Industrial:
 Other:

 (define "other":
 )

- The proposed community solar project is an LMI project\* ..... Yes No
   \*An LMI project is defined pursuant to N.J.A.C. 14:8-9 as a community solar project in which a minimum 51 percent of project capacity is subscribed by LMI subscribers.
- 4. The proposed community solar project has a clear plan for effective and respectful customer engagement process. ..... □ Yes □ No If "Yes," attach evidence of experience on projects serving LMI communities or partnerships with organizations that have experience serving LMI communities.
- 5. The proposed community solar project will allocate at least 51% of project capacity to residential customers ...... □ 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?



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.

If "No," please be aware that, if, at any time during the operating life of the community solar project an affordable housing provider wishes to subscribe to the community solar project as an LMI subscriber, it must submit a signed affidavit that the specific, substantial, identifiable, and quantifiable benefits from the community solar subscription will be passed through to its residents/tenants.

- 7. This project uses an anchor subscriber (optional) ...... Yes No
   If "Yes," name of the anchor subscriber (optional): \_\_\_\_\_\_
   Estimated or anticipated percentage or range of the project capacity for the anchor subscriber's subscription: \_\_\_\_\_\_

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)* 
  - $\Box$  No geographic restriction: whole EDC service territory
  - □ Same county OR same county and adjacent counties
  - $\hfill\square$  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).



10. Product Offering for LMI subscribers: (*The Applicant must also complete and attach one or more product offering form(s) found in Appendix A. See Appendix A for exemptions.*)

The subscription proposed offers guaranteed or fixed savings to subscribers .......  $\Box$  Yes  $\Box$  No If "Yes," the guaranteed or fixed savings are offered as:

- $\Box$  A percentage saving on the customer's annual electric utility bill
- $\square$  A percentage saving on the customer's community solar bill credit

The subscription proposed offers subscribers ownership or a pathway to ownership of a share	e of
the community solar facility $\square$ Yes $\square$ N	o
If "Yes," include proof of a pathway to ownership of a share of the community solar facility offe	red
to the subscribers in Appendix A.	

11. Product Offering for non-LMI subscribers: (*The Applicant must also complete and attach one or more product offering form(s) found in Appendix A. See Appendix A for exemptions.*)

The subscription proposed offers guaranteed or fixed savings to subscribers .......  $\Box$  Yes  $\Box$  No If "Yes," the guaranteed or fixed savings are offered as:

- $\Box$  A percentage saving on the customer's annual electric utility bill
- $\hfill\square$  A percentage saving on the customer's community solar bill credit
- Other: \_\_\_\_\_

Other:



The subscription proposed offers subscribers ownership or a pathway to ownership of a share of the community solar facility ...... Yes No If "Yes," include proof of a pathway to ownership of a share of the community solar facility offered to the subscribers in Appendix A.



12. The list of approved community solar projects will be published on the Board's website. Additionally, subscriber organizations have the option of indicating, on this list, that the project is currently seeking subscribers.

If this project is approved, the Board should indicate on its website that the project is currently seeking subscribers .....  $\Box$  Yes  $\Box$  No If "Yes," the contact information indicated on the Board's website should read:

\*It is the responsibility of the project's subscriber organization to notify the Board if/when the project is no longer seeking subscribers, and request that the Board remove the above information on its website.

X. Community Engagement

- The proposed community solar project is being developed by or in partnership or collaboration\* with the municipality in which the project is located ..... □ Yes □ No If "Yes," explain how and attach evidence of the project being developed by or in partnership or collaboration with the municipality in which the project is located.

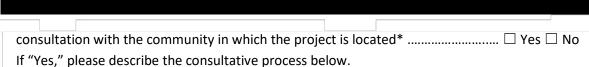
\*Partnership or collaboration with the municipality is defined as clear and ongoing municipal involvement in the approval of the design, development, or operation of the proposed community solar project (e.g. project is located on a municipal site, municipality facilitating subscriber acquisition, municipal involvement in defining the subscription terms, etc.). Examples of evidence may include a formal partnership, a municipal request for proposals or other public bidding process, letter describing the municipality's involvement in the project or meeting minutes. Documentation must be specific to the project described in this Application; "generic" documentation of support that applies to multiple projects submitted by the same Applicant will not be accepted.



3. The proposed community solar project is being developed by or in partnership or collaboration\* with one or more local community organization(s) and/or affordable housing providers in the area in which the project is located ...... □ Yes □ No



If "Yes," explain how and attach evidence of the project being developed by or in partnership or collaboration with the local community organization(s) and/or affordable housing providers. \*Partnership or collaboration is defined as clear and ongoing involvement by the local community organization(s) and/or affordable housing providers in the approval of the design, development, or operation of the proposed community solar project (e.g. community organization owns the proposed site, community organization is facilitating subscriber acquisition or was involved in the design of the community solar product offering, etc.). Documentation must be specific to the project described in this Application; "generic" documentation of support that applies to multiple projects submitted by the same Applicant will not be accepted.



\*A community consultative process may include any of the following: letter of support from municipality and/or community organizations and/or local affordable housing provider demonstrating their awareness and support of the project; one or more opportunities for public intervention; and/or outreach to the municipality and/or local community organizations and/or affordable housing provider.

#### XI. Project Cost

This section, "Project Cost," 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 RFP, RFQ, or other bidding process. In all other cases, this section is required.

1. Provide the following cost estimates and attach substantiating evidence in the form of an unlocked Excel spreadsheet model:

Applicants are expected to provide a good faith estimate of costs associated with the proposed community solar project, as they are known at the time the Application is filed with the Board. This information will not be used in the evaluation of the proposed community solar project.



Net Installed Cost (in \$)
Net Installed Cost (in \$/Watt)
Initial Customer Acquisition Cost (in \$/Watt)
Annual Customer Churn Rate (in %)
Annual Operating Expenses (in c/kWh)
Levelized Cost of Energy ("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 onetime 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." Consistent with the Clean Energy Act of 2018, the Board is no longer accepting applications for the SREC Registration Program ("SRP"). Projects granted conditional approval to participate in PY2 will be eligible to apply for the TI Program.

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:

#### XII. Other Benefits

- 1. The proposed community solar facility will be paired with storage ...... □ Yes □ No If "Yes," please describe the proposed storage facility:
  - a. Storage system size: \_\_\_\_\_\_ MW \_\_\_\_\_ MWh
  - b. The storage offtaker is also a subscriber to the proposed community solar facility .....  $\Box$  Yes  $\Box$  No

\*Community solar credits will only be provided to community solar generation; credits will not be provided to energy discharged to the grid from a storage facility (i.e. no "double counting").

2. The proposed community solar facility will be paired with one or more EV charging stations



3.	The proposed community solar facility will provide energy audits and/or energy efficiency
	improvements to subscribers $\square$ Yes $\square$ No
	If "Yes," please provide additional details:

4.	The proposed community solar project will create temporary or permanent jobs in New Jersey	
	🗆 Yes 🗆 No	

If "Yes," estimated number of temporary jobs created in New Jersey: \_

If "Yes," estimated number of permanent jobs created in New Jersey: \_\_\_\_\_

If "Yes," explain what these jobs are:

5.	The proposed community solar project will provide job training opportunities for local solar
	trainees $\Box$ Yes $\Box$ No
	If "Yes," will the job training be provided through a registered apprenticeship? $\Box$ Yes $\Box$ No
	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

Is the proposed community solar project co-located with another community solar facility (as defined at N.J.A.C. 14:8-9.2)?
 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. Is the Applicant a government entity that plans to select the developer via such bidding process?

If "Yes," attach a letter describing the proposed bidding process and a copy of the request for bids (RFP, RFQ, or other bidding document) that is ready to be issued if the project is granted conditional approval by the Board. 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) conditional certification if the proposed project is approved by the Board for participation in the Community Solar Energy Pilot Program.
- 5. The Board has proposed an amendment to the Pilot Program rules, which, if approved, would allow municipally-owned community solar projects to submit an application for a project that requests an exemption from the provisions at N.J.A.C. 14:8-9.10(b)(1) mandating subscriber enrollment via affirmative consent (i.e. an opt-out community solar project). Projects that intend



to utilize opt-out subscriber enrollment if the proposed rule amendment is approved by the Board must indicate such intent below. If the Application is selected but the proposed rule amendment is not approved by the Board, the project will be required to proceed using affirmative consent (i.e. "opt-in") subscriber enrollment rules, as currently provided for in the Pilot Program rules at N.J.A.C. 14:8-9.10(b)(1).

- A. This Application is for an opt-out community solar project......  $\Box$  Yes $\Box$  No

If "Yes," the municipality name is: \_

If "No," the project will not be considered for eligibility as an opt-out community solar project.

ownership, and operation an opt-out community solar project, contingent on the proposed rules being approved by the Board.

If "No," the project will not be considered for eligibility as an opt-out community solar project.

- E. Describe the process by which the municipality will identify the customers that will be automatically enrolled in the proposed opt-out project: \_\_\_\_\_\_

F. The municipal applicant has reviewed the proposed rule amendment allowing for opt-out projects, and agrees to adhere to the proposed rules and any subsequent modification if they are approved by the Board. The applicant understands that any approval for the project to operate as an opt-out community solar project is contingent on the proposed rule amendment being approved by the Board. The applicant understands that, if the proposed rule amendment is not approved by the Board, the project, if approved, will be required to







#### Section C: Certifications

Instructions: Original signatures on all certifications are required. All certifications in this section must be notarized; instructions on how to submit certifications will be provided as part of the online application process. Certifications must be dated after October 3, 2020: PY1 certifications may not be reused in PY2.

#### **Applicant Certification**

The undersigned warrants, certifies, and represents that:

- 1) I, <u>Robert Krugel</u> (name) am the <u>Co-CEO</u> (title) of the Applicant <u>Brightcore Energy, LLC</u> (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
- 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 Transition Incentive Program, if applicable; and
- 5) My organization understands that 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 any claimed sensitive and trade secret information should be submitted in accordance with the confidentiality procedures set forth in N.J.A.C. 14:1-12.3; and
- 6) I acknowledge that submission of false information may be grounds for denial of this Application, and if any of the foregoing statements are willfully false, I am subject to punishment to the full extent of the law, including the possibility of fine and imprisonment.

Signature: ht/hl	Date:February 2, 2021
Print Name: Robert Krugel Title: Co-CEO	Company:Brightcore Energy, LLC
Signed and sworn to before me on this	_ day of <u>February 20 2</u> 1
Signature Jusan R. Greenbaum Name	SUSAN R GREENBAUM NOTARY PUBLIC STATE OF NEW YORK WESTCHESTER COUNTY LIC. #01 GR6209378 COMM. EXP. 2 2 2

#### Page 25 of 36

New Jersey Board of Public Utilities

Program Year 2, Application Period 1



#### **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 undersigned warrants, certifies, and represents that:

- 1) I, <u>Robert Krugel</u> (name) am the <u>Co-CEO</u> (title) of the Project Developer <u>Brightcore Energy, LLC</u> (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
- 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 Transition Incentive Program, if applicable; and
- 5) My organization understands that 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 any claimed sensitive and trade secret information should be submitted in accordance with the confidentiality procedures set forth in N.J.A.C. 14:1-12.3; and
- 6) I acknowledge that submission of false information may be grounds for denial of this Application, and if any of the foregoing statements are willfully false, I am subject to punishment to the full extent of the law, including the possibility of fine and imprisonment.

Signature:

Date: February 2, 2021

Print N	Name:	Robert Krugel	
Title:	Co-CE	0	

Company: Brightcore Energy, LLC

day of February, 2021 Signed and sworn to before me on this Signature SUSAN R GREENBAUM NOTARY PUBLIC STATE OF NEW YORK WESTCHESTER COUNTY LIC #01GR6209378

Name

Program Year 2, Application Period 1



#### **Project Owner Certification**

The undersigned warrants, certifies, and represents that:

- 1) I, <u>Robert Krugel</u> (name) am the <u>Co-CEO</u> (title) of the Project Owner <u>Brightcore Energy, LLC</u> (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 Transition Incentive Program, if applicable; and
- 5) My organization understands that 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 any claimed sensitive and trade secret information should be submitted in accordance with the confidentiality procedures set forth in N.J.A.C. 14:1-12.3; and
- 6) I acknowledge that submission of false information may be grounds for denial of this Application, and if any of the foregoing statements are willfully false, I am subject to punishment to the full extent of the law, including the possibility of fine and imprisonment.

the Signature:

Date: February 2, 2021

Print Name: <u>Robert Krugel</u> Title: Co-CEO

Company: Brightcore Energy, LLC

2nd day of February, 20-21 Signed and sworn to before me on this

Signature DU Lar

Name

	SUSAN R GREENBAUM
NOTAL	RY PUBLIC STATE OF NEW YORK
	WESTCHESTER COUNTY
	LIC. #01GR6209378
COMM	EXP 1/27/21



Property Owner Certification





Subscriber Organization Certification (optional, complete if known)



#### **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. Variations in any product offering require a separate Product Offering Questionnaire. 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.

This Q	uestionnaire is Prod	uct Offering number	1	of	1	(total nun	nber of	product offeri	ngs).
--------	----------------------	---------------------	---	----	---	------------	---------	----------------	-------

This Product Offering applies to:

□ LMI subscribers

□ non-LMI subscribers

☑ both LMI and non-LMI subscribers

- 1. Community Solar Subscription Type (examples: kilowatt hours per year, kilowatt size, percentage of community solar facility's nameplate capacity, percentage of subscriber's historical usage, percentage of subscriber's actual usage): \_\_\_\_% of community solar facility's nameplate capacity
- 2. Community Solar Subscription Price: (check all that apply)

3.	Contract term	(length
٥.	contract term	(iciigui

i): \_\_\_\_\_ months, or \_\_\_\_\_ years OR 🗵 month-to-month

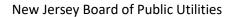
4. Fees

5. Does the subscription guarantee or offer fixed savings or specific, quantifiable economic benefits to the subscriber? ......  $\boxtimes$  Yes  $\Box$  No



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

- $\Box$  As a percentage of monthly utility bill
- $\hfill\square$  As a fixed guaranteed savings compared to average historic bill
- X As a fixed percentage of bill credits
- □ Other: \_\_\_\_\_
- 6. Special conditions or considerations: \_\_\_\_\_







# NEW JERSEY COMMUNITY SOLAR ENERGY PILOT PROGRAM YEAR 2 APPLICATION

**MOORESTOWN TOWNSHIP, COUNTY OF BURLINGTON,** 

**NEW JERSEY** 

**FEBRUARY 4, 2021** 

BRIGHTCORE ENERGY 80 BUSINESS PARK DRIVE, SUITE 211, ARMONK, NY 10504 www.brightcoreenergy.com



February 4, 2021

New Jersey Board of Public Utilities 44 South Clinton Avenue, 7<sup>th</sup> Floor Post Office Box 350 Trenton, New Jersey 08625-0350

RE: New Jersey Community Solar Energy Pilot Program Year 2 Application

Dear Members of the New Jersey Board of Public Utilities,

On behalf of Brightcore Energy, LLC ("Brightcore"), I am pleased to submit the Moorestown Community Solar Project application for the New Jersey Board of Public Utilities' Community Solar Energy Pilot Program Year 2. Brightcore is a clean energy as a service company focused on delivering turn-key renewable energy and energy efficiency solutions for the commercial and institutional building sector, with a primary focus on the Northeast. Our expertise spans from solar PV to energy efficiency, battery storage, renewable heating and cooling (geothermal heat pumps) and electric vehicle charging infrastructure.

We utilize our intellectual and financial capital to drive clean energy adoption at existing buildings and infrastructure. In the case of solar PV, Brightcore has an extensive track record of successful project deployment across the State of New Jersey in a variety of sites and applications. Our team has developed, designed, permitted, constructed, interconnected and financed over 50 solar PV projects in New Jersey representing over 75 MWs for a diverse range of customers.

We strongly support the focus of the BPU Clean Energy program on existing infrastructure applications. Our priority has been providing turn-key solar projects on existing infrastructure: rooftop arrays and solar canopies in parking lots. The opportunity to use our core competencies to both improve the community and extend benefits to low and moderate residents is extremely rewarding.

Brightcore proposes to develop, construct, fund, own, operate and maintain a 364.49 kWdc rooftop solar project at **Exercise 1** in Moorestown. The project will be interconnected to PSE&G's grid. Brightcore will allocate all the community solar credits to residential customers, with at least 51% being allocated to low-to-moderate income (LMI) residents in the Township of Moorestown and/or adjacent townships. In conjunction with our project, we will be making additional enhancements to the site, including roof enhancements, storm water management enhancements and the installation of an electric vehicle charging station.

Our partnership with the Township of Moorestown has allowed us to effectively and meaningfully support both the LMI and the greater residential community. The Township endorses the location of our proposed solar project in Moorestown's Specially Restricted Industrial Zone, providing a needed investment in this designated industrial development zone.





We appreciate your time and consideration of our project.

Sincerely, Brightcore Energy, LLC

Attel

Robert Krugel Co-CEO Brightcore Energy, LLC 80 Business Park Drive, Suite 211 Armonk, New York 10504 <u>rob.krugel@brightcoreenergy.com</u>



## **Table of Contents**

- VI. Proposed Community Solar Facility Characteristics Attachment: Delineated Map of Solar Community Facility Attachment: Solar Array Layouts Attachment: Baseline Schedule
- VII. Community Solar Facility Siting
  - 1. Site Control Attachment: Option to Lease Agreement
  - 10. Roof Structure Stability Attachment: Site Feasibility Report
  - 13. Redevelopment Area Attachment: Moorestown Zoning Map
  - 18. Site preservation/Enhancement plans Attachment: Roofing Scope of Work Attachment:
- VIII. Permits
  - 5. Hosting Capacity Map Attachment: Screenshot of Hosting Capacity Map
- IX. Community Solar Subscriptions and Subscribers
  - 4. Effective and Respectful Customer Engagement Process for the LMI Community Attachment:
- X. Community Engagement
  - 2. Municipality Engagement Attachment: Township of Moorestown Letter of Support Attachment:
  - 3. Community and Affordable Housing Provider Collaboration Attachment: Attachment:
  - 4. Community Consultative Process Attachment: Township of Moorestown Letter of Support Attachment:



# Table of Contents (CONT'D)

XI. Project Cost Estimate

1. Project Cost Model Attachment: Excel Spreadsheet Model

XII. Other Benefits

- 2.
- 3. Energy Efficiency Measures Attachment:
- 5. Job Creation Attachment:
- 5. Job Training & Development



### VI. Proposed Community Solar Facility Characteristics

#### Delineated Map of Community Solar Facility

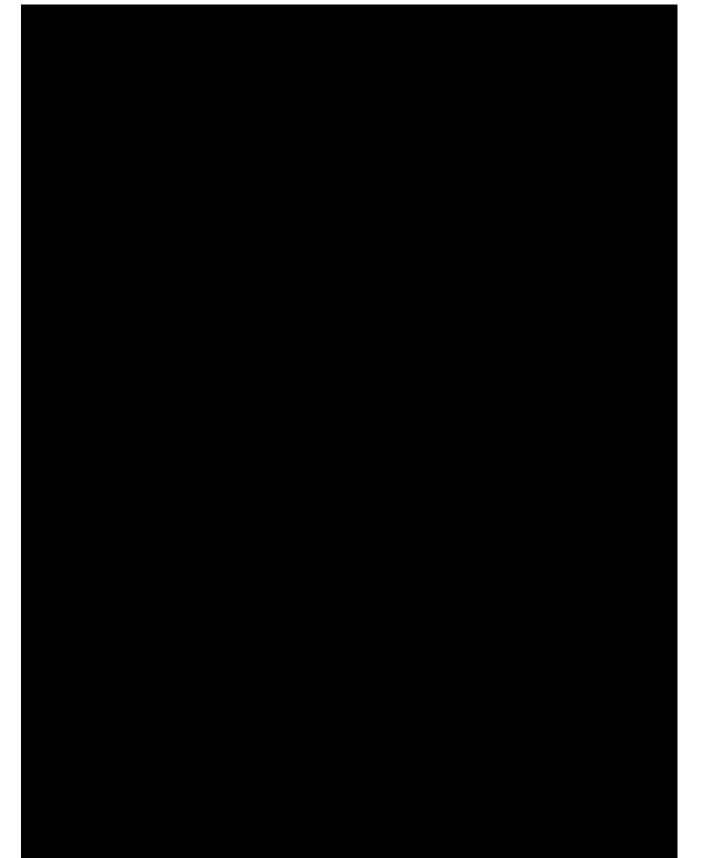
Attached is a preliminary site plan for the proposed project as well as a shade analysis. The project has been designed to meet all code requirements as well as providing for appropriate setbacks and access for servicing rooftop mechanical equipment.

Attachment: Delineated Map of Community Solar Facility

Attachment: Solar Array Layouts

Attachment: Baseline Schedule

#### **MAP OF SOLAR SYSTEM**







# VII. Community Solar Facility Siting

<u>1. Site Control</u>





# EXHIBIT A

## **DESCRIPTION OF PROPERTY**



# EXHIBIT B

# **DESCRIPTION OF PREMISES**

The rooftops of each of the Properties listed on Exhibit A.

# **EXHIBIT C**

## **BASIC LEASE TERMS**



# EXHIBIT D

### RENT





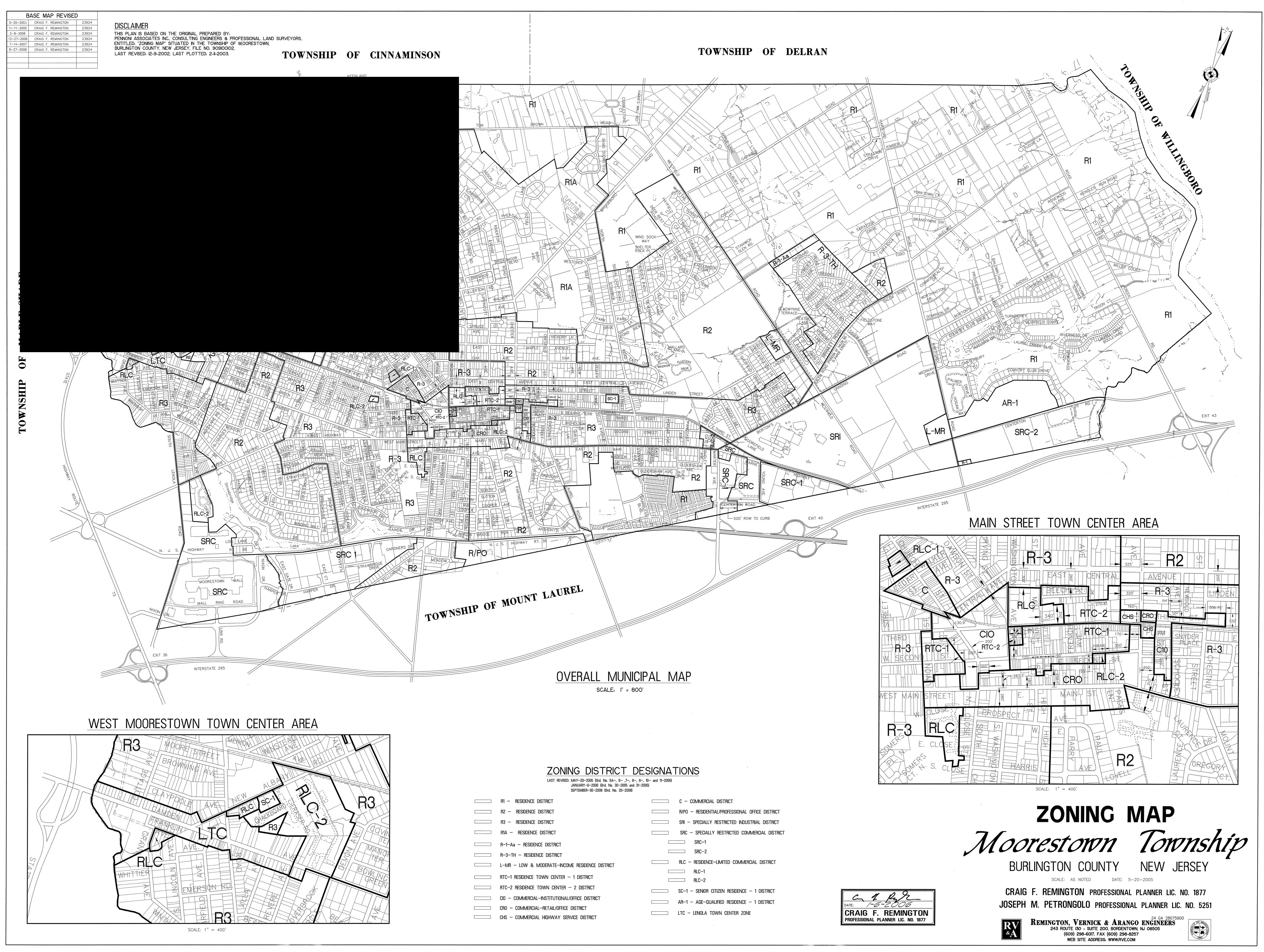
.

### 10. Roof Structure Stability



# 13. Project Site Aligned with the Township of Moorestown Zoning

1		



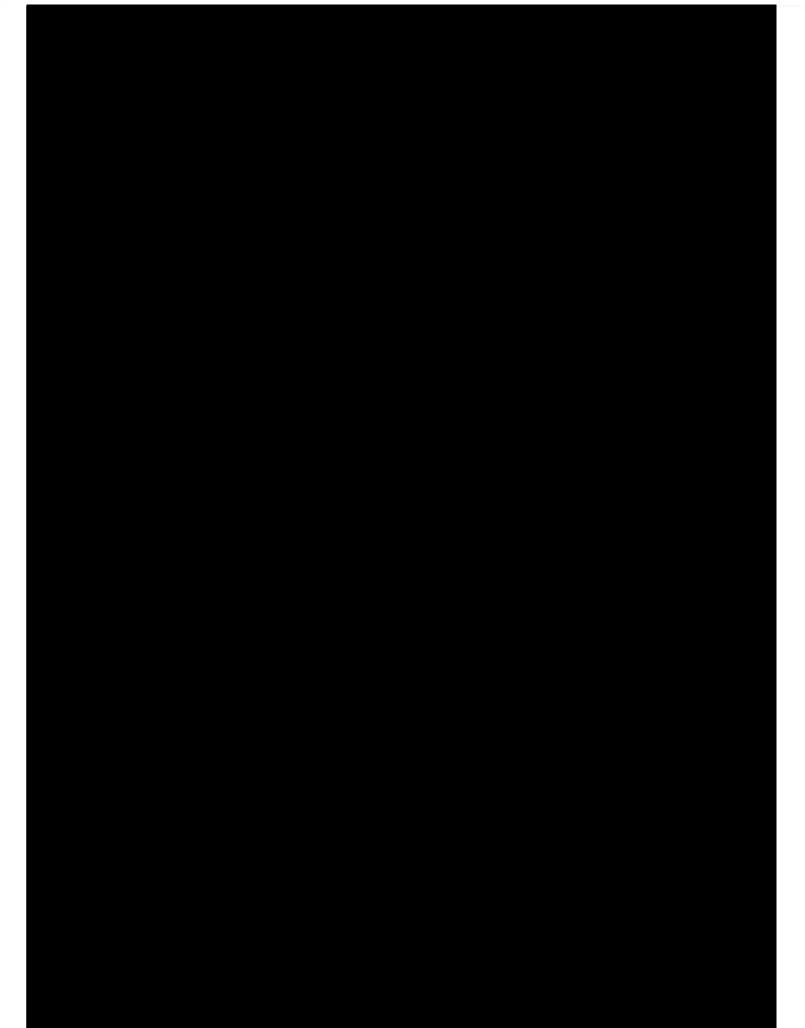
C - COMMERCIAL DISTRICT
R/PO - RESIDENTIAL/PROFESSIONAL OFFICE DISTRICT
SRI - SPECIALLY RESTRICTED INDUSTRIAL DISTRICT
SRC - SPECIALLY RESTRICTED COMMERCIAL DISTRICT
SRC-1
SRC-2
RLC - RESIDENCE-LIMITED COMMERCIAL DISTRICT
<b>——— RLC—1</b>
<b>RLC-2</b>
SC-1 - SENIOR CITIZEN RESIDENCE - 1 DISTRICT
AR-1 - AGE-QUALIFIED RESIDENCE - 1 DISTRICT
LTC - LENOLA TOWN CENTER ZONE

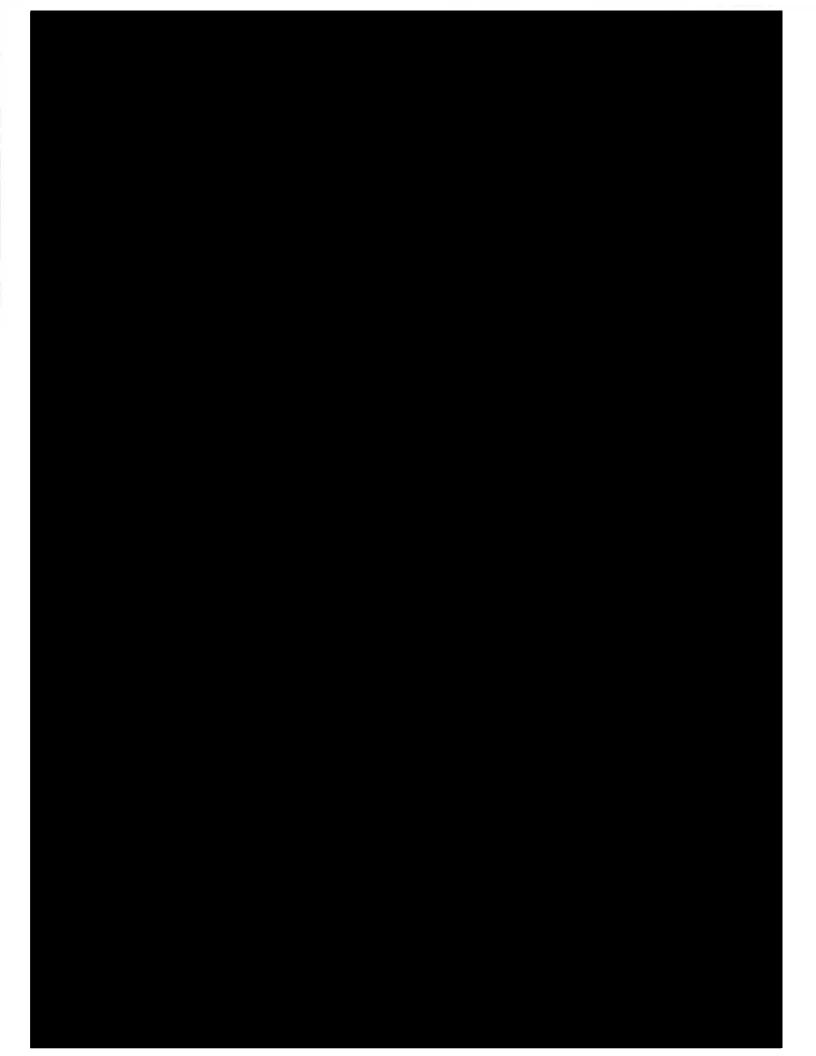


### 18. Site Enhancement Plans

In conjunction with the solar installation, we will be performing three primary site improvements:

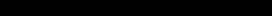












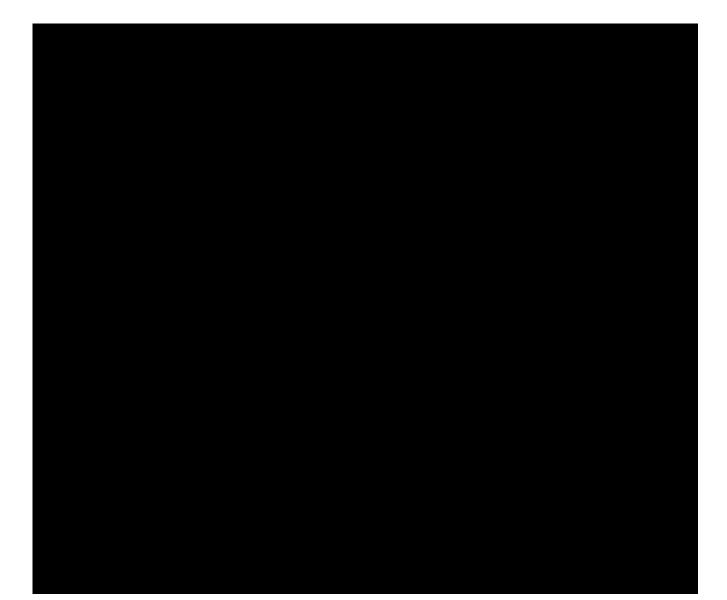


### **VIII.** Permits

### 5. Hosting Capacity Map

PSEG's solar power suitability map shows there is 3,282.59kWac of available utility circuit capacity at the site (this is equivalent to approximately 4,376.79 kWdc of capacity). The available capacity per PSEG's solar power suitability map is more than sufficient for the proposed solar photovoltaic system size of 364.49 kWdc at the site.

Attachment: Screenshot of Hosting Capacity Map





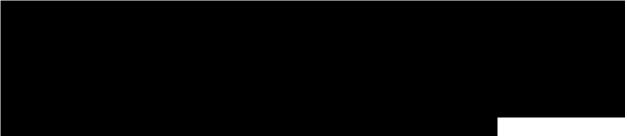
# IX. Community Solar Subscriptions and Subscribers

4. Effective and Respectful Customer Engagement Process for the LMI Community











### X. Community Engagement

2. Municipality Engagement



### **TOWNSHIP OF MOORESTOWN**

### **RESOLUTION NO. 63-2021**

### AUTHORIZING THE MAYOR OF THE TOWNSHIP OF MOORESTOWN TO SIGN LETTERS TO THE BOARD OF PUBLIC UTILITIES IN SUPPORT OF AND ON BEHALF OF COMMUNITY SOLAR PROJECT APPLICANTS

WHEREAS, solar energy is an abundant, renewable, and non-polluting energy resource; and

WHEREAS, it is the intention of the Township of Moorestown (Township) to support community solar development for the purpose of achieving the multiple economic, health, environmental, social justice, and educational benefits of solar energy, while maintaining the community character, design standards, and livability; and

WHEREAS, solar energy facilities and technologies can be positioned in the Township and implemented to ensure the maximum use of solar energy in the community; and

WHEREAS, the arrangement of solar energy facilities can greatly reduce the cost and consumption of energy, while lowering carbon emissions and reducing fossil fuel consumption; and

WHEREAS, in order to ensure our residents and businesses enjoy the many benefits of community solar development, the Township Council wishes to participate in the New Jersey Community Solar Pilot Program by supporting applicants before the Board of Public Utilities.

NOW, THEREFORE, BE IT RESOLVED by the Township Council of the Township of Moorestown, County of Burlington, State of New Jersey, that it supports community solar development and authorizes the Mayor to execute all requests for a letter (in substantially the form attached hereto) in support of projects proposed in the Township of Moorestown for community solar development.

BE IT FURTHER RESOLVED that the Township's "support" of an application before the Board of Public Utilities for a community solar development project does not signify or imply "approval" of a project. Any and all necessary and ordinary approvals from Township departments, boards, committees and/or other agencies are the responsibility of the applicant.

BE IT FURTHER RESOLVED that a copy of each signed letter shall be filed in the Township Manager's office, the Department of Community Development, with a copy to each member of the Township Council.

VOTE:	
GILLESPIE	YES
MAMMARELLA	YES
LAW	YES
VANDYKEN	YES
ZIPIN	YES

Certified to be a true and correct copy of a Resolution adopted by the Township Council at its regular meeting on January 25, 2021.

atriado

Patricia L. Hunt, RMC Township Clerk

The Township of MOORESTOWN

111 WEST SECOND STREET · MOORESTOWN · NEW JERSEY 08057



OFFICE OF THE MAYOR Nicole M. Gillespie, PhD

January 29, 2021

New Jersey Board of Public Utilities Clean Energy/Community Solar 44 South Clinton Avenue Trenton, New Jersey 08625

Re: Applicant's Name: BRIGHTCORE

Community Solar Energy Pilot Program - LETTER OF SUPPORT

Dear Sir/Madam:

.

Enclosure

Sincerely,

upi

NICOLE GILLEŠPIE Mayor

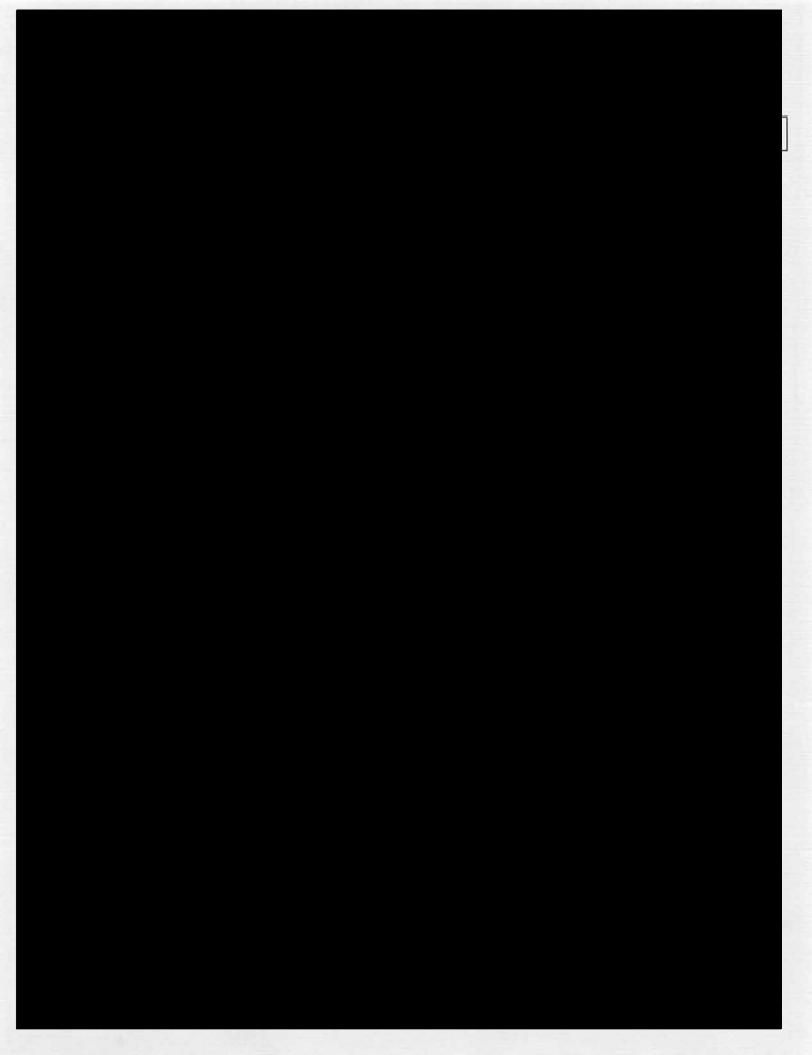
c Township Manager Director of Department of Community Development

> (856) 914-3015 – Telephone (856) 914-3076 – Fax <u>phunt@moorestown.nj.us</u> – Email <u>www.moorestown.nj.us</u> – Website



3. Community and Affordable Housing Provider Collaboration







4. Community Consultative Process





The Township of MOORESTOWN

111 WEST SECOND STREET · MOORESTOWN · NEW JERSEY 08057



OFFICE OF THE MAYOR Nicole M. Gillespie, PhD

January 29, 2021

New Jersey Board of Public Utilities Clean Energy/Community Solar 44 South Clinton Avenue Trenton, New Jersey 08625

Re: Applicant's Name: BRIGHTCORE

Community Solar Energy Pilot Program - LETTER OF SUPPORT

Dear Sir/Madam:

.

Enclosure

Sincerely,

upi

NICOLE GILLEŠPIE Mayor

c Township Manager Director of Department of Community Development

> (856) 914-3015 – Telephone (856) 914-3076 – Fax <u>phunt@moorestown.nj.us</u> – Email www.moorestown.nj.us – Website



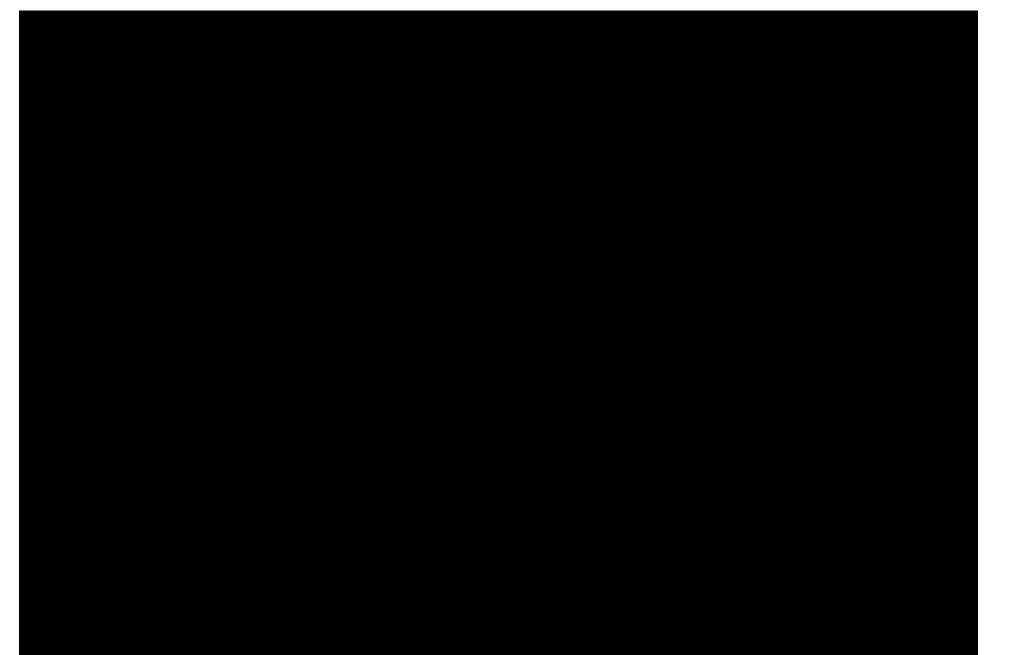
## **XI. Project Cost**

## 1. Project Cost Model

We have attached an Excel spreadsheet with Project Cost Model as substantiating evidence.

Attachment: Excel Spreadsheet Model

# ...Brightcore





# **XII. Other Benefits**

## CONFIDENTIAL

and a first section of Advantage and a first section of the sectio

-







