PRELIMINARY PUBLIC COPY

Confidential Information has been blacked out or deleted

US/SOLAR

SEE SOLAR IN A NEW LIGHT

PROPOSAL FOR COMMUNITY SOLAR ENERGY PILOT PROGRAM

NEW JERSEY BOARD OF PUBLIC UTILITIES

September 5, 2019

COVER LETTER

September 5, 2019

New Jersey Board of Public Utilities
44 South Clinton Avenue, 7th Floor
Post Office Box 350
Trenton, NJ 08625-0350
Attn: Office of Clean Energy
Community Solar Energy Pilot Program Application Package

Re: Community Solar Energy Pilot Program Application

Dear New Jersey Board of Public Utilities,

Thank you for the opportunity to apply to your Community Solar Energy Pilot Program. United States Solar Corporation ("US Solar") and its affiliates develop, finance, construct, own, and operate solar farms. We have been eagerly awaiting an opportunity to expand our community solar work into New Jersey and are excited about our proposed project.

US Solar has developed, financed, subscribed, and constructed over 40 large-scale solar projects in Minnesota, and we are confident in our ability to deliver high-quality projects focused on equity, economic, and environmental benefits in New Jersey.

US Solar brings a combination of experience and environmental commitment that uniquely positions us to meet the goals of this program. Highlights of US Solar's experience are as follows:

- 67 MW of Minnesota community solar in operation
- 51 MW of Minnesota community solar in construction or late-stage permitting currently
- An additional 225 MW [redacted] of community solar currently being developed and financed for construction in 2019 – 2020, in Minnesota and other select markets
- [redacted] in projects developed and financed by US Solar's management team

We are excited to provide this proposal for your review and look forward to implementing this project.

Sincerely,

Reed Richerson – COO
United States Solar Corporation
100 N 6th St, Suite 410B
Minneapolis, MN 55403
W: 612.260.2230 C: 916.704.2720
reed.richerson@us-solar.com

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A. GENERAL COMPANY INFORMATION

United States Solar Corporation ("US Solar") is a turnkey developer, subscriber, financier, owner, and operator of solar farms, involved in both community solar and utility-scale solar markets. We seek to make solar energy accessible to everyone with simple, money-saving, short- and long-term solutions that are as good for our partners as they are for the environment. Founded in 2014 by a group of industry veterans, we are based in Minneapolis, MN and operate nationally with offices located in Connecticut, Illinois, and Virginia.

US Solar has been focused on Minnesota community solar since the beginning of its community solar program and is now a leading community solar developer in the state. Since then, we have expanded and have experience in developing many utility-scale solar gardens across the country, including over 150 MWs constructed or under development in Illinois, New York, New Jersey, and Michigan.

Solar development and finance require a wide range of skills that few solar companies possess. US Solar is uniquely positioned with deep experience in all facets of this market segment. Additionally, we draw on a set of partnerships of best-in-class providers within engineering, procurement, and construction; solar equipment manufacturing; energy management; legal services; development; and finance and investment.

WHY US SOLAR

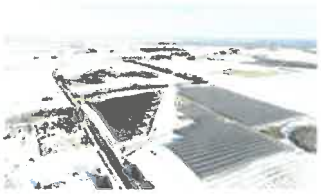
- **Independently Owned and Operated** – We are a private, medium-scale business without third-party shareholders.
- **Long-term Ownership** – As a long-term owner and operator of solar projects, we take no shortcuts to ensure the highest standards.
- **Local Relationships** – We have developed a strong tie to the City of Salem and are committed to a long-term partnership with them.
- **We Deliver** – We have completed over 40 large-scale solar projects in Minnesota alone. We do what we say we're going to do.

FEATURED PROJECTS

MN POWER - WRENSHALL SOLAR

USS DUBHE SOLAR
North Branch MN

SAUK RAPIDS SOLAR



MINNESOTA SOLAR CSG 5
Monticello MN

WINSTED SOLAR

USS GOOD SOLAR

LEADERSHIP TEAM

The US Solar team is one of the most experienced teams in the Midwest and has deep experience nationally. In house, we perform project development, origination, finance, construction, operations and maintenance, and asset management. Our successful experiences span across utility-scale, commercial, and residential markets.

Martin Mobley – CEO: As CEO, Marty leads US Solar's strategy, culture, and growth. Marty brings fifteen years of energy and finance experience. Prior to forming US Solar, he created and led the Solar Desk within the Commodities group at Morgan Stanley. Marty was an energy transactions attorney with Morgan Stanley and McDermott, Will & Emery. He has an LL.M. from Georgetown University Law Center, a JD/MBA from Northern Illinois University, and a BSBA from The University of Arizona.

Reed Richerson - COO: As COO, Reed is responsible for the development, origination, and construction of US Solar's projects along with the daily management of US Solar's Minnesota office. Reed brings 12+ years of solar industry experience, previously serving as the VP of Sales and Business Development for BayWa r.e. and holding various roles for REC Solar. Reed has a BS in Applied Economics from the University of Minnesota.

Brian Lantz - CFO: Brian brings over a dozen years of solar industry financing experience to US Solar. As the CFO, Brian is responsible for all aspects of capital raising and structuring activities. After beginning his career at a renewable energy consulting firm, he held various finance positions at SunEdison focusing on the distributed generation market segment where he closed debt and equity financing on over $750 million of solar gardens. He was a member of the core team that successfully launched TerraForm Power's IPO and most recently served as the Director of Capital Markets and Structured Finance at TerraForm prior to joining US Solar. Brian holds a ME in Sustainable Energy Engineering from the University of Maryland, College Park, and a BS from James Madison University.

Robert Oden – EVP: As EVP, Rob oversees corporate reporting and manages contract administration for US Solar's development assets and fleet of operational projects. Rob brings twenty years of experience in energy and climate markets. He started his career in a principal energy investment group at Bear Stearns in New York and Houston and was later in the Commercialization group at EcoSecurities, a leading originator of emission reduction credits. Rob has an AB from Harvard College.

Bruce Bedwell – General Counsel: Bruce has over 18 years of legal experience in the energy sector. Bruce's legal practice has focused primarily on representing developers, owners, lenders, investors, manufacturers and contractors in the financing, development, acquisition and distribution of projects; with a focus on renewable energy generation. Bruce also has represented clients with respect to public-private partnership transactions, energy regulatory compliance matters, administrative litigation and regulatory proceedings before federal and state regulatory commissions and commercial litigation before federal courts. Prior to joining US Solar, Bruce was a partner at the law firm of Chapman and Cutler LLP. Bruce has a Juris Doctor from The Catholic University of America, Columbus School of Law, where he graduated magna cum laude, and a Bachelor of Science from Illinois State University.

POLLINATOR FRIENDLY SOLAR

US Solar has committed to and implements exceptional pollinator-friendly native habitats on all its solar farms, supporting monarch, bee, pheasant, and bird populations. The area underneath the modules and between rows will be transformed into a diverse mix of pollinator-friendly, low-lying, deep-rooted plants. US Solar will control for noxious weeds throughout the life of the Project.

Our design goals for this community solar garden seed mix are as follows:

- Improve soil, water, and air quality
- Withstand harsh climate conditions
- Minimize erosion and runoff
- Minimize maintenance costs
- Provide habitat and food sources for wildlife
- Increase crop yield on surrounding farms

US Solar also serves on the Agriculture and Solar Together: Research and Outreach (ASTRO) working group within the Department of Energy's National Renewable Energy Laboratory project "InSPIRE 2.0: Facilitating Low-Impact Solar Development through Data and Analysis for Environmental Resiliency and Compatibility". This group develops and studies best management practices for pollinator-friendly solar and is continuing to build on lessons learned through ongoing research, knowledge sharing, and the development of specific test sites around the country. ASTRO includes university researchers, nonprofits, national experts, private industry, and solar developers to share cross-functionally. US Solar will additionally be working with the [redacted] on this community solar garden, if selected, to continue the work of quantifying pollinator benefits.

In addition to maintaining pollinator-friendly habitat on this Project, US Solar also hopes to partner with local apiary groups to host commercial beehives and solitary bee houses at this site. Several US Solar projects in Minnesota host commercial beehives, contributing valuable Solar Grown™ honey. As the state insect of New Jersey, US Solar is excited to partner with local apiary groups to continue to support commercial and solitary bee populations, while also producing clean, renewable energy.

B. QUALITY AND EXPERIENCE OF THE DEVELOPMENT TEAM

The US Solar team has deep experience in the development and operation of both community solar gardens and utility-scale solar farms. In Minnesota, where we started, our solar gardens range far and wide across the state. A sampling of our Minnesota projects is below, as an example. Our experience in multiple markets shows our capability to identify and secure optimal land sites, acquire land use permits, interconnect with the utility, execute revenue contracts, and manage solar gardens through construction and beyond.

Further, the importance of choosing a developer that understands the complexities of engineering and constructing solar farms in this arctic climate cannot be overestimated. Our team understands the complexities of the region including frost heave mitigation, soil types, topography, and stormwater and erosion control. We partner with local groups where possible, to ensure that we can be as familiar with the site conditions and needs, as possible.

US SOLAR: TRACK RECORD AND PROJECT EXPERIENCE

US Solar successfully completed the following projects in Minnesota totaling 67 MW:

US Solar - Operational Projects in MN		
Project	MWac	MWdc

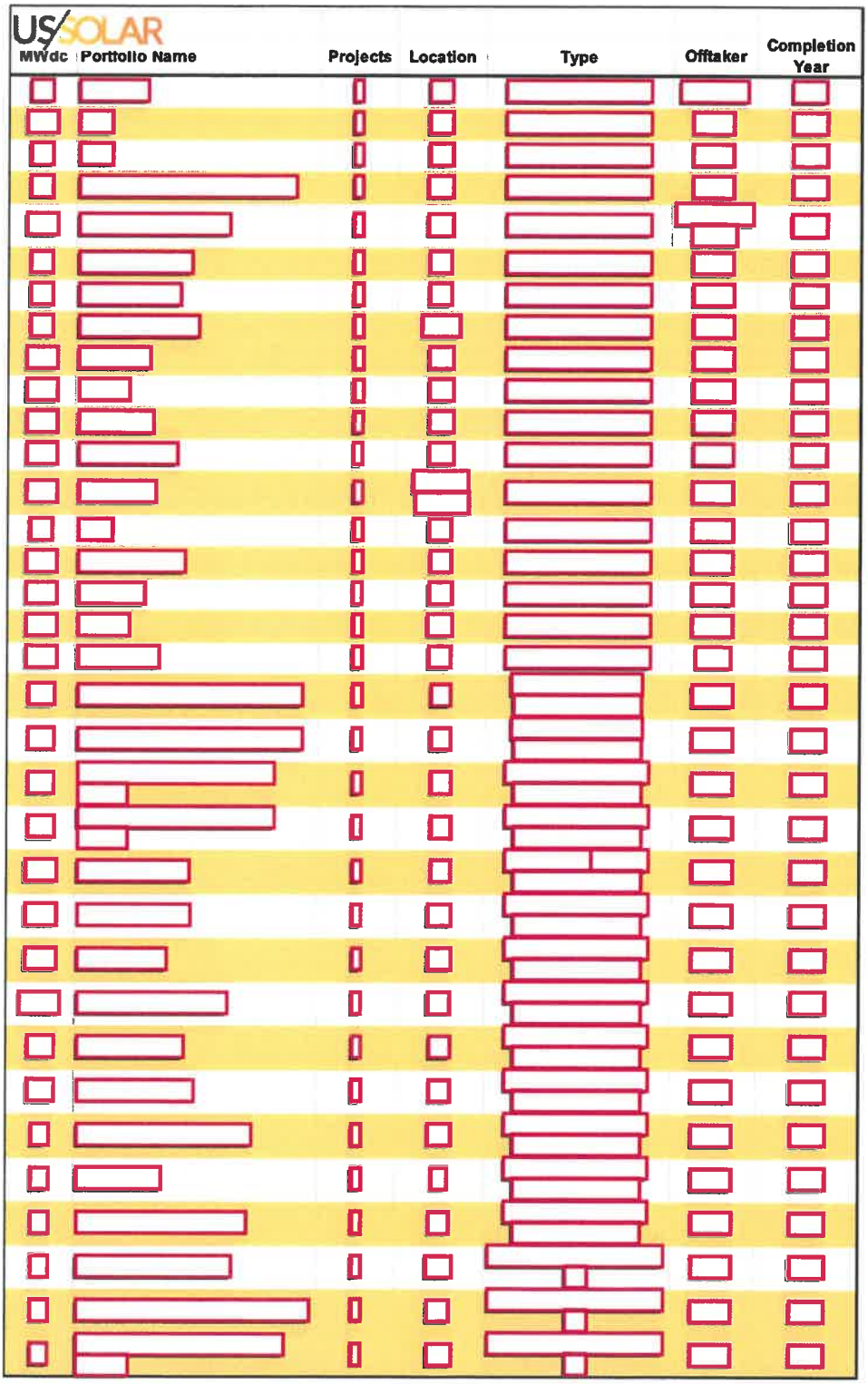
US SOLAR: PROJECTS UNDER CONSTRUCTION

US Solar is in advanced construction or breaking ground this fall on the following projects totaling 51 MW:

US Solar - Projects in Construction in MN		
Project	**MWac**	**MWdc**

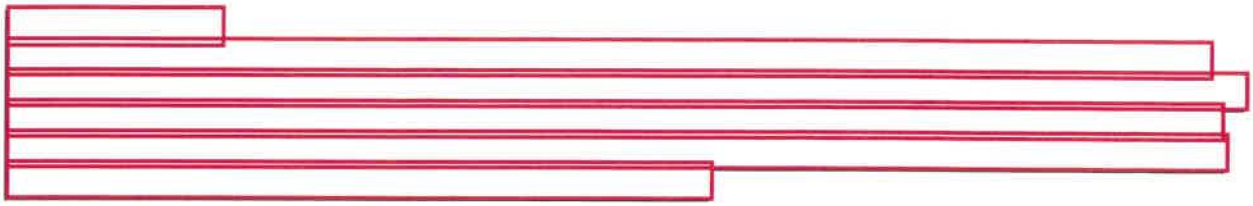
US SOLAR'S TEAM EXPERIENCE: PRIOR TO US SOLAR

US Solar is a company founded in 2014 by industry veterans. US Solar staff held critical management roles in the following 2.4 GW of projects developed across 14 markets in the US and Canada:



US SOLAR'S COMPETITIVE ADVANTAGE

All of the solar farms above required the following development qualities and experience.



Project Engineering

For solar garden engineering, we partner with top national firms, including our local partner , to complete Environmental Site Assessments, Wetland Delineations, Stormwater Prevention Plans, and Electrical and Civil Site Plans. and has been involved with the development of 7 GW of solar across the United States.

Interconnection

We have worked with a variety of utilities for our projects. With our diverse interconnection experience, we've developed an efficient process and are confident that we have the ability to successfully interconnect with Atlantic City Electric.

Permitting

US Solar has successfully permitted solar gardens throughout the country with many local government units. Through these permitting processes, we have run the gamut—from experienced cities and counties to those interacting with solar for the first time. Additionally, US Solar has worked with several permitting jurisdictions to write and enact solar ordinances.

Construction

Because our business model is to own, operate, and maintain our projects for their full lifespan, we take no shortcuts in the construction of our community solar gardens. Our construction and operation teams have experience deploying distributed and utility-scale solar farms nationally. We work with the highest quality construction groups and target local firms as much as possible to ensure that our projects are benefitting the community and to leverage local expertise.

Project Finance

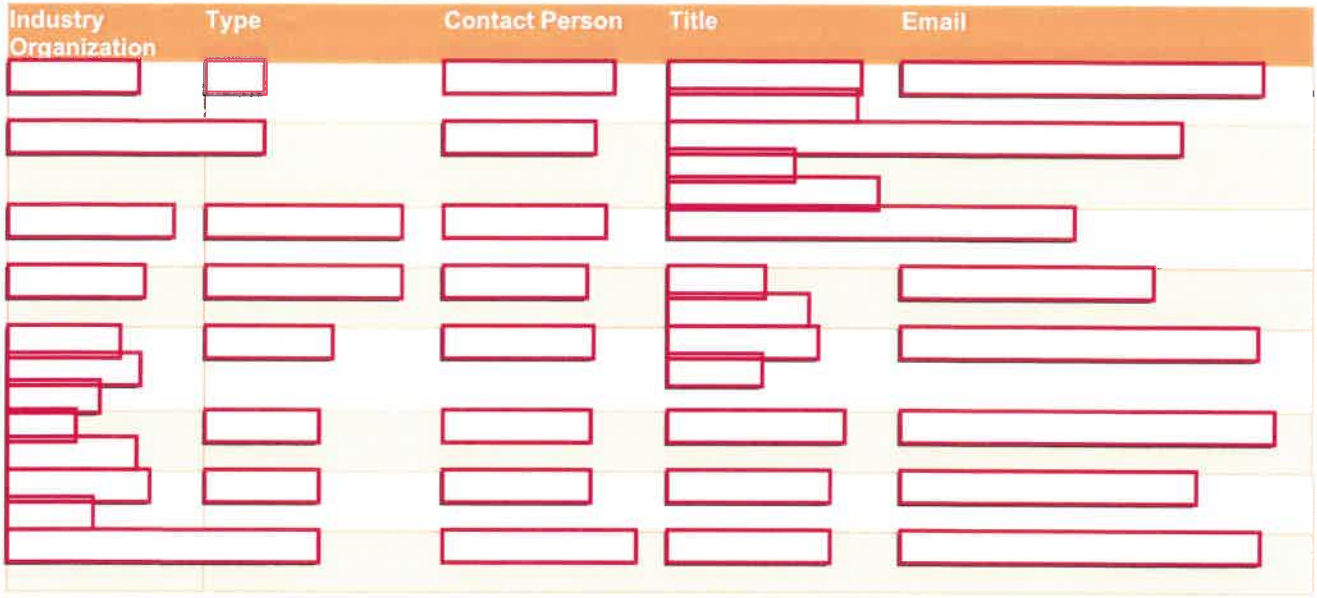
Less experienced solar providers frequently underestimate the challenge of financing the construction and operation of a portfolio of solar gardens. US Solar is currently developing and financing approximately of solar gardens in Minnesota, and the US Solar principals have raised project capital for solar gardens and programs with a notional value of over .

Asset Management

At the beginning of 2017, US Solar became a long-term owner and operator of our solar gardens and now manages the operation and revenue contracts for our solar gardens for the long-term. The Operations and Maintenance team at US Solar works with our field partners to remotely monitor and preform any needed maintenance for our portfolio of solar gardens. If US Solar is selected to move forward with this project, the BPU will benefit from having a long-term partner after the solar gardens are operational.

INDUSTRY REFERENCES

US Solar has successfully collaborated with many utilities, solar construction partners, engineering partners, and subscribers.



C. PROPOSED PERSONNEL

The team's breadth of experience in community- and utility-scale solar projects equips US Solar to develop, own and manage assets and secure ongoing financing to construct high-quality solar gardens.

- Reed Richerson, Chief Operating Officer, has over 12 years of solar industry experience and is the project manager for this project. Reed has led development on many utility-scale solar projects across the country over the last ten years. Reed's expertise in solar garden development and business management prepares him well to manage a new market opportunity in New Jersey.

- Brian Lantz, Chief Financial Officer, leads financing of US Solar's pipeline of solar gardens. Brian's deep experience in solar finance and capital structuring prepares him to manage the financing for this Project. Brian has led the financing on hundreds of solar PV assets over the past decade. He was the finance lead on a team that financed/owned/managed over 1.5 GWs of solar assets including over a dozen utility-scale solar projects under his leadership.

- Jesse Royer, Director of Operations, has led construction and project management efforts through multiple successful portfolios of US Solar community solar gardens, and has led construction and project management in a number of utility-scale solar projects across the country. Jesse's 15 years of construction management expertise ensures that the BPU can expect the highest-quality construction and operation management of this Project.

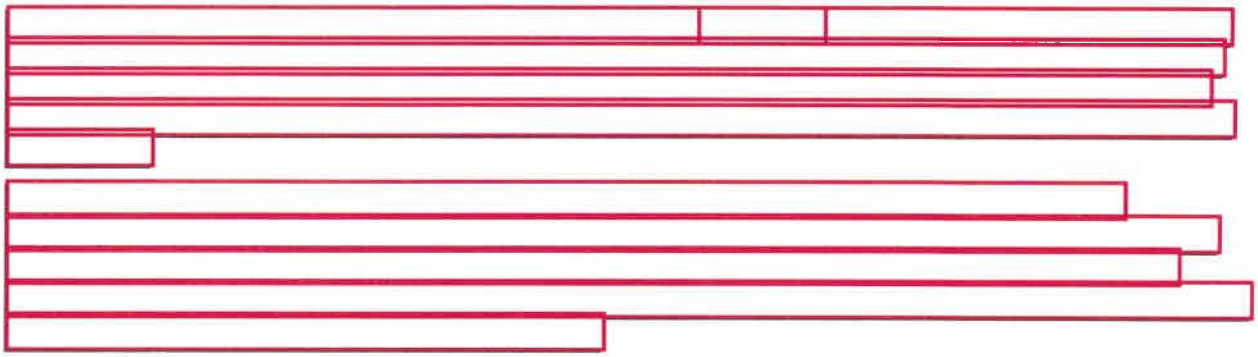
- Peter Schmitt, Manager, New Markets, has led development work on over 100 MWs of solar gardens across several states. His community relationships, experience coordinating third parties, permitting projects, and navigating the interconnection process will facilitate the successful development of this Project.

- Jack Winkels, Project Manager, has over 8 years of utility-scale power systems experience with specific focus on Substation System Protection, Operations and Maintenance, and Electrical Equipment Testing. Jack has coordinated and executed over 2 Gigawatts of solar across 10 states. Jack's experience will directly influence a successful and organized Project build.

- Robert Oden, Executive Vice President, leads asset management for the successfully completed solar farms. With 20 years of experience in climate markets, he is equipped to lead administration on this project.

D. FINANCIAL CAPABILITY OF THE RESPONDENT

US Solar is a private company and does not have any rated debt or corporate credit rating. As a private, stable, medium scale business, US Solar has grown in a financially prudent manner [redacted]. This, along with focusing on our strengths and target markets, allows us to be nimble and highly responsive to our customer needs. We do not focus solely on growth and do not expose ourselves to risk that our balance sheet cannot support.



APPENDIX I – COMMUNITY SOLAR ENERGY PILOT PROGRAM APPLICATION FORM

Community Solar Energy Pilot Program Application Form

Section A: Application Form Requirements, Instructions, Terms and Conditions

The following Application Form is intended only for entities submitting a community solar project for consideration by the New Jersey Board of Public Utilities ("Board" or "BPU"). Projects selected by the Board will be approved for participation in the Community Solar Energy Pilot Program, pursuant to the rules at N.J.A.C. 14:8-9.

This Application Form is valid only for the following Program Year and Application Period:
Program Year 1, Application Period 1
Application Period Opens: April 9, 2019 at 9:00 A.M.
Application Period Closes: September 9, 2019 at 5:00 P.M.

I. Minimum Qualification Requirements

The Community Solar Energy Pilot Program is open to projects that meet the following minimum requirements, and the full requirements defined in N.J.A.C. 14:8-9 (available for reference at the following link: http://njcleanenergy.com/files/file/R_2019%20d_021%20(51%20N_J_R_%20232(a)).pdf).

1. The proposed community solar project must be located in the electric service territory of an Electric Distribution Company ("EDC") in the State of New Jersey.
2. Existing solar projects may not apply to requalify as a community solar project. An existing solar project, as defined in N.J.A.C. 14:8-9.2, means a solar project having begun operation and/or been approved by the Board for connection to the distribution system prior to February 19, 2019. Projects having received a subsection (t) conditional certification from the Board prior to February 19, 2019 should refer to section B. XIII. Special Authorizations and Exemptions for additional information.
3. The Board will not consider Applications for EDCs to develop, own, or operate community solar project(s).
4. The Board will not consider Applications for projects sited on preserved farmland, as defined in N.J.A.C. 14:8-9.2.
5. The Board will not consider Applications for projects exceeding the capacity limit for individual community solar projects, set at 5 MW as defined in N.J.A.C. 14:8-9.4(g).

II. Instructions for Completing the Community Solar Energy Pilot Program Application Form

1. Each solar project applying to participate in the Community Solar Energy Pilot Program requires the submission of an individual Application Form. Do not apply for more than one (1) project per Application Form. There is no limit to the number of Application Forms that can be submitted by any one Applicant (see the definition of an "Applicant" in section A. III. Terms and Conditions).

2. Complete sections B and C, and Appendix A in full. All questions are required to be answered, unless explicitly marked as optional. All attachments are required, unless explicitly marked as optional. All attachments must be attached to the end of the Application Form, therefore forming a complete application package. Note that attachments marked as optional will be considered if included, but their absence will not penalize an Application.
3. Original signatures on all forms and certifications of this Application Form are required. The certifications contained in section C must be notarized.
4. Specific exemptions are identified throughout the Application Form which apply 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 Request for Proposals ("RFP"), Request for Quotations ("RFQ"), or other bidding process. If this is the case, the Applicant must include a letter describing the proposed bidding process, and the Applicant should complete all sections of the Application Form based on the project as it will be designed in the 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 (see section B. XIII. Special Authorizations and Exemptions).

III. Terms and Conditions

General Terms and Conditions

1. The "Applicant" is defined as the entity that submits the Community Solar Energy Pilot Program Application Form (for example, an Applicant may be a project developer, project owner, project operator, property owner, contractor, installer, or agent thereof).
2. Prior to completing the Application Form, the Applicant must carefully review the rules at N.J.A.C. 14:8-9, and any other rules, regulations, and codes applicable to the design, construction, and operation of a community solar project in New Jersey. All Applications must be in compliance with all local, state and federal rules, regulations and laws.
   Furthermore, submission of an Application Form does not obviate the need for compliance with all applicable local, state, and federal laws and regulations at any time during the design, construction, operation, and decommissioning of a community solar project including, but not limited to, regulations by commissions such as the New Jersey Highlands Council and the New Jersey Pinelands Commission.
3. By submitting an Application, the Applicant acknowledges notice on behalf of all project participants that the information included in the Application is subject to disclosure under the Open Public Records Act, N.J.S.A. 47:1A-1 et seq. Aggregated information may be used by the Board and/or other state, federal, county, regional or local agencies in reports and evaluations, and the geographic location may be used to update Geographic Information System ("GIS") mapping. Applicants may identify sensitive and trade secret information that they wish to keep confidential by submitting them in accordance with the confidentiality procedures set forth in

N.J.A.C. 14:1-12.3. Furthermore, the Applicant understands that the list of approved community solar projects will be published on the Board of Public Utilities website.

4. Amendments or supplements to the Community Solar Energy Pilot Program Application Form will be made available via the New Jersey Clean Energy Program ("NJCEP") website at www.njcleanenergy.com. This Application Form may be modified for future Application Periods at any time without prior notification.

Evaluation of Applications and Approval of Projects

5. Only Applications that are administratively complete by the close of the Application Period will be considered for participation in the Community Solar Energy Pilot Program during that Program Year. An application will be deemed administratively complete if: 1) All questions are completed, except those explicitly marked as optional, 2) All required attachments are included (see Appendix B for a checklist of required attachments), and 3) All required signatures are included. Applicants will be notified if an Application is deemed administratively incomplete. An incomplete Application may be amended and resubmitted during the following Application Period without advantage or disadvantage.
6. The Applicant may be required to supplement the information provided in the Application Form upon request from the Board or Board Staff.
7. Following the close of the Application Period, each Application will be reviewed and evaluated by a dedicated Evaluation Committee.
8. In reviewing each application, Board Staff may consult with the New Jersey Department of Environmental Protection ("NJDEP"), the New Jersey Department of Agriculture, or other state agencies and consultants as are relevant to the Application. Any information marked and submitted as confidential will be treated as such by the receiving agency, and used for the sole purpose of evaluation.
9. The criteria for evaluation of Applications are presented in Appendix C (Evaluation Criteria). Projects must score a minimum 30 points total in order to be considered for participation in the Community Solar Energy Pilot Program. Projects that score above 30 points will be presented to the Board for approval for participation in the Community Solar Energy Pilot Program in order, starting with the highest-scoring project and proceeding to the lowest-scoring project, and until the allocated program capacity for that Program Year is filled.
   The allocated program capacity for Program Year 1 is 75 MW. At least 40% of program capacity (i.e. at least 30 MW) will be allocated to LMI projects.
10. Board Staff may reject Applications that are incomplete at the close of the Application Period, that are not in compliance with the rules and regulations established in N.J.A.C. 14:8-9, or that do not meet a minimum standard for selection, as set forth in this Application Form.

Milestones and Follow-Up for Approved Projects

11. Should the proposed community solar project be approved by the Board for participation in the Community Solar Energy Pilot Program, such approval will be contingent on the project being constructed and operated as was proposed in its Application.
    Furthermore, pursuant to the rules at N.J.A.C. 14:8-9.3(c), approved projects are expected to begin construction within 6 months of their approval by the Board, and are expected to become fully operational within 12 months of their approval by the Board. Extensions may be granted by Board Staff at its discretion, based on its assessment of the specific circumstances of each project approved.
    In order to monitor compliance, approved projects will be required to submit updates to the Board:
    a. Prior to the beginning of construction, the Applicant must provide evidence that commitments in the following categories have been met: project location, community and environmental justice engagement, other benefits.
    b. Prior to applying for permission to operate ("PTO"), the Applicant must provide evidence that commitments in the following categories have been met: siting (other than location), all permits received.
    c. Prior to applying to the EDC for allocation of bill credits, the Applicant must provide evidence that commitments in the following categories have been met: product offering, subscriber type, geographic limit within EDC service territory.

    If the approved project fails to be completed as proposed in the Application, and the Applicant fails to remediate the failure or provide an equivalent modification within a reasonable timeframe, the project may be penalized up to and including a withdrawal of the permission to operate in the Community Solar Energy Pilot Program.

Special Considerations for Project Siting

12. Unless the proposed community solar facility is located on a rooftop, parking lot, or parking structure, the Applicant must meet with the NJDEP's Office of Permit Coordination and Environmental Review ("PCER") to determine what permits may be required and to identify other potential issues. More information is available at: http://www.nj.gov/dep/pcer. The Applicant must have completed the NJDEP Permit Readiness Checklist and submitted said Checklist to NJDEP PCER prior to submitting the Application to the Board (see section B. VIII. Permits). The Permit Readiness Checklist is available at the following link: https://www.nj.gov/dep/pcer/introcklist.htm.
13. Special attention should be paid when siting a project on a landfill, a brownfield, or an area of historic fill. For reference, NJDEP's *Guidance for Installation of Solar Renewable Energy Systems on Landfills in New Jersey* can be found at the following link: https://www.nj.gov/dep/dshw/swp/solarguidance.pdf.
14. The Applicant should review the environmental compliance history at the proposed site and the various operations that were conducted there. Satisfaction of all outstanding NJDEP regulatory

compliance obligations, if applicable, will be required prior to applying for permission to operate. The Applicant should identify any outstanding compliance and enforcement issues associated with the property on which the proposed project is to be sited and resolve them accordingly before submitting the Post Construction NJDEP Compliance Form, if applicable.

15. If the proposed project is sited on Green Acres preserved open space, as defined in N.J.A.C. 14:8-9.2, or on land owned by NJDEP, the Applicant must receive special approval for the project from NJDEP prior to submitting the Application to the Board, and attach proof of approval to their application package (see section B. VII. Community Solar Facility Siting).

Submitting an Application

Applications must adhere to all of the following instructions for submission. Applications must be received no later than 5:00 P.M. on the date of the close of the Application Period in order to be considered.

Mail or hand-deliver the original complete Application package plus three copies of the complete Application package to:

New Jersey Board of Public Utilities
44 South Clinton Avenue, 7th Floor
Post Office Box 350
Trenton, New Jersey 08625-0350
Attn: Office of Clean Energy
Community Solar Energy Pilot Program Application Package

In addition, submit an electronic version of the complete Application package to both of the following email addresses: communitysolar@njcleanenergy.com and board.secretary@bpu.nj.gov.

Questions and Further Information

Please address all questions pertaining to the Application Form to communitysolar@njcleanenergy.com.

Additional guidance and Frequently Asked Questions will be available on the NJCEP website at: http://njcleanenergy.com/renewable-energy/programs/community-solar.

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 Information

Applicant Company/Entity Name: US Solar DG Development LL
First Name: Peter Last Name: Schmitt
Daytime Phone: 612-299-1434 Email: peter.schmitt@us-solar.com
Applicant Mailing Address: 100 N 6th Street, Suite 410B
Municipality: Minneapolis County: Hennepin Zip Code: 55403

Applicant is: ☐ Community Solar Project Owner ☐ Community Solar Developer/Facility Installer
☐ Property/Site Owner ☐ Subscriber Organization
☐ Agent (if agent, what role is represented) _____

II. Community Solar Project Owner

Project Owner Company/Entity Name *(complete if known)*: US Solar
First Name: Reed Last Name: Richerson
Daytime Phone: 612-260-2230 Email: reed.richerson@us-solar.com
Mailing Address: 100 N 6th Street, Suite 410B
Municipality: Minneapolis County: Hennepin Zip Code: 55403

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)*: US Solar
First Name: Peter Last Name: Schmitt
Daytime Phone: 612-299-1434 Email: peter.schmitt@us-solar.com
Mailing Address: 100 N 6th Street, Suite 410B
Municipality: Minneapolis County: Hennepin Zip Code: 55403

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 *(optional, complete if applicable)*: _____

First Name: _____ Last Name: _____

Daytime Phone: _____ Email: _____

Mailing Address: _____

Municipality: _____ County: _____ Zip Code: _____

IV. Property/Site Owner Information

[redacted]

V. Community Solar Subscriber Organization *(optional, complete if known)*

If this section, "Community Solar Subscriber Organization," 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 Subscriber Organization becomes known.

Subscriber Organization Company/Entity Name *(optional, complete if applicable)*: US Solar

First Name: Dana Last Name: Hallstrom

Daytime Phone: 612-294-6892 Email: dana.hallstrom@us-solar.com

Mailing Address: 100 N 6th Street, Suite 410B

Municipality: Minneapolis County: Hennepin Zip Code: 55403

VI. Proposed Community Solar Facility Characteristics

Community Solar Facility Size (as denominated on the PV panels):

3.5 MW AC 5 MW DC

Community Solar Facility Location (Address): 125 Yorke Street

Municipality: Salem County: Salem Zip Code: 08079

Name of Property *(optional, complete if applicable)*: _____

Property Block and Lot Number(s): Block 94, Lots 4, 4Q

Community Solar Site Coordinates: 39°33'32 Longitude 75°27'49 Latitude

Total Acreage of Property Block and Lots: 110 acres
Total Acreage of Community Solar Facility: 25 acres

Attach a delineated map of the portion of the property on which the community solar facility will be located. In the electronic submission, two copies of the delineated map should be provided: 1) as aPDF document, and 2) 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 ☐ Rockland Electric Co.

Estimated date of 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.)*: Decembe
(month) 2020 (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.

The proposed community solar facility is an existing project* ..... ☐ Yes ☑ No
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.
*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* ..... ☑ 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.

2. The proposed community solar facility is located, in part or in whole, on preserved farmland* ..... ☐ Yes ☑ No
   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.

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) ..... ☐ Yes ☑ No
   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 ..... ☑ Yes ☐ No

7. The proposed community solar facility is located, in part or in whole, on a landfill ..... ☐ Yes ☑ No
   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 ..... ☐ Yes ☑ No
   If "Yes," has a final remediation document been issued for the property? ..... ☐ Yes ☐ No

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 ..... ☐ Yes ☑ No
   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? ..... ☐ Yes ☐ No
   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? ..... ☐ Yes ☐ No
   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 ..... ☐ Yes ☑ No

13. The proposed community solar facility is located on a canopy over an impervious surface (e.g. walkway) ..... ☐ Yes ☑ No

14. The proposed community solar facility is located on the property of an affordable housing building or complex ..... ☐ Yes ☑ No

15. The proposed community solar facility is located on a water reservoir or other water body ("floating solar") ..... ☐ Yes ☑ No

16. The proposed community solar facility is located on an area designated in need of redevelopment ..... ☐ Yes ☑ No
    If "Yes," attach proof of the designation of the area as being in need of redevelopment from a municipal, county, or state entity.

17. 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 area as "preserved" from a municipal, county, or state entity.

18. The proposed community solar facility is located, in part or in whole, on forested lands ..... ☐ Yes ☑ No

Construction of the proposed community solar facility will require cutting down one or more trees ..... ☐ Yes ☑ No

If "Yes," estimated number of trees 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? ..... ☑ Yes ☐ No

If "Yes," explain the use restriction below and provide documentation that the proposed community solar project is not prohibited.

Solar is not currently prohibited by zoning code, but the City also doesn't have a solar ordinance to allow for this development. This will be modified before construction. We are in partnership with the City on this and they have provided a letter of support and partnership for this project.

Will the use restriction be required to be modified? ..... ☑ Yes ☐ No

If "Yes," explain the modification below.

The City of Salem and US Solar will work together to craft a solar zoning ordinance that serves the City's needs while allowing this project to proceed. US Solar has already met with the City on numerous occasions and has secured a letter of partnership on this project. The City is deciding if it wants to create a solar ordinance or approve as a special use under their current zoning code.

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.) ..... ☑ Yes ☐ No

If "Yes," explain below, and provide any additional documentation in an attachment.

VIII. Permits

1. The Applicant has completed NJDEP Permit Readiness Checklist, and submitted it to NJDEP's PCER ..... ☑ Yes ☐ No

If "Yes," attach a copy of the completed Permit Readiness Checklist as it was submitted to 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.

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.
   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.
   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)*
Zoning Permit/Use Permit	City of Salem	Will apply upon receipt of award; Cit
Soil Erosion and Sediment C	Cumberland Salem	Will apply upon receipt of award
Stormwater Construction Ge	NJDEP	Will apply upon receipt of award and
Phase IA Archaeological Re	State Preservation C	Will apply upon receipt of award
Freshwater Wetlands Letter	NJ Division of Land	Will apply upon receipt of award
Electrical Permit	Office of Local Code	Will apply upon receipt of award and
Driveway Access Permit	Salem County	Will apply upon receipt of award
Building Permit	Office of Local Code	Will apply upon receipt of award and

4. The Applicant has consulted the hosting capacity map of the relevant EDC and determined that, based on the capacity hosting map as published at the date of submission of the Application, there is sufficient capacity available at the proposed location to build the proposed community solar facility ..... ☑ Yes ☐ No
   If "Yes," include a screenshot of the capacity hosting map at the proposed location, showing the available capacity.
   If "No," the Application will be deemed incomplete.

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": Municipality)

3. 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 will allocate at least 51% of project capacity to residential customers ..... ☑ Yes ☐ No

5. The proposed community solar project is being developed in partnership with an affordable housing provider: ..... ☐ Yes ☑ No
   If "Yes," attach a letter of support from the affordable housing provider.

6. An affordable housing provider is seeking to qualify as an LMI subscriber for the purposes of the community solar project ..... ☑ Yes ☐ No
   If "Yes," estimated or anticipated percentage of the project capacity for the affordable housing provider's subscription *(provide an estimate or range)*: 35-45%

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

We were hoping to get a partnership affidavit signed with our affordable housing contacts in time, but the details of how the benefits will be passed on are still being discussed. Initial ideas are to offer additional amenities for units, create more units, and/or to provide a direct reduction of rent. An affidavit will be provided to the BPU prior to the construction of the project.

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)* ..... ☐ 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: _____

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? ..... ☑ Yes ☐ No
   If "Yes," what specific, identifiable, sufficient, and quantifiable benefits from the community solar subscription are being passed through to the tenants?
   The master meter in question is tied to the affordable housing provider, discussed above. The terms of our partnership and how benefits are directly going to be passed on are still being finalized, but an affidavit will be provided to the BPU prior to construction of this project.

   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)*
   - ☐ No geographic restriction: whole EDC service territory
   - ☑ Same county OR same county and adjacent counties
   - ☐ 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: *(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 ..... ☑ Yes ☐ No
If "Yes," the guaranteed or fixed savings are offered as:
☐ A percentage saving on the customer's annual electric utility bill
☐ A percentage saving on the customer's community solar bill credit
☑ Other:

If "Yes," the proposed savings represent:
☐ 0% - 5% of the customer's annual electric utility bill or bill credit
☐ 5% - 10% of the customer's annual electric utility bill or bill credit
☑ 10% - 20% of the customer's annual electric utility bill or bill credit
☐ over 20% of the customer's annual electric utility bill or bill credit

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.

11. 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 ..... ☑ Yes ☐ No
If "Yes," the contact information indicated on the Board's website should read:

Company/Entity Name: US Solar Contact Name: Dana Hallstrom
Daytime Phone: 612-294-6892 Email: dana.hallstrom@us-solar.com

Note: 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

1. The proposed community solar project is being developed by or in collaboration* with the municipality in which the project is located ..... ☑ Yes ☐ No
If "Yes," explain how and attach a letter of support from the municipality in which the project is located.
*Collaboration with the municipality should include, at minimum, one or more meetings with relevant municipal authorities and clear evidence of municipal involvement and approval of the design, development, or operation of the proposed community solar project.

2. The proposed community solar project is being developed in collaboration* with one or more local community organization(s) ..... ☐ Yes ☑ No
   If "Yes," explain how and attach a letter of support from the local community organization(s).
   *Collaboration with a local community organization should include, at minimum, one or more meetings with the relevant local community organization(s) and clear evidence of the local community organization's involvement and approval of the design, development, or operation of the proposed community solar project.

3. The proposed community solar project was developed, at least in part, through a community consultative process* ..... ☑ Yes ☐ No
   If "Yes," please describe the consultative process.
   *A community consultative process should include, at minimum, one or more opportunities for public intervention and outreach to the municipality and/or local community organizations.

XI. Project Cost

1. Provide the following cost estimates and attach substantiating evidence in the form of charts and/or spreadsheet models:

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)	
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:

XII. Other Benefits

1. The proposed community solar facility is paired with another distributed energy resource:
   a. Micro-grid project ..... ☐ Yes ☑ No
   b. Storage ..... ☐ Yes ☑ No
   c. Other ( ) ..... ☑ Yes ☐ No

2. The proposed community solar facility provides grid benefits (e.g. congestion reduction) ..... ☑ Yes ☐ No

   If "Yes" to any, please explain how and provide supporting documents.

   Community Solar projects inherently provide grid benefits by providing peak power to the grid (reducing the need for expensive peaking plants), paying for distribution upgrades (otherwise covered by ratepayers), and reducing line losses. Please see attached documentation in Appendix VIII for more 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: 40-50

   If "Yes," estimated number of permanent jobs created in New Jersey: 0.5

5. The proposed community solar project will provide job training opportunities for local solar trainees ..... ☐ Yes ☑ No

   If "Yes," will the job training be provided through a registered apprenticeship? .... ☐ Yes ☐ 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

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)

conditional certification if the proposed project is approved by the Board for participation in the Community Solar Energy Pilot Program.

Section C: Certifications

Instructions: Original signatures on all certifications are required. All certifications in this section must be notarized.

Applicant Certification

The undersigned warrants, certifies, and represents that:

1) I, Reed Richerson (name) am the Vice President (title) of the Applicant US Solar DG Development 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.**

Signature: _____ Date: 9/5/2019

Print Name: Reed Richerson
Title: Vice President Company: US Solar DG Development LLC

Signed and sworn to before me on this 5 day of September, 2019

_____
Signature

Peter Schmitt
Name

PETER SCHMITT
NOTARY PUBLIC - MINNESOTA
My Commission Expires Jan. 31 2022

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, Reed Richerson (name) am the Vice President (title) of the Project Developer US Solar DG Development 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.**

Signature: _____ Date: 9/5/2019

Print Name: Reed Richerson
Title: Vice President Company: US Solar DG Development LLC

Signed and sworn to before me on this 5 day of September, 20 19

_____
Signature
Peter Schmitt
Name

PETER SCHMITT
NOTARY PUBLIC - MINNESOTA
My Commission Expires Jan 31 2022

Project Owner Certification

The undersigned warrants, certifies, and represents that:

1) I, Reed Richerson (name) am the Vice President (title) of the Project Owner US Solar DG Dadopment 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.**

Signature: _____ Date: 9/5/2019

Print Name: Reed Richerson
Title: Vice President Company: US Solar DG Development LLC

Signed and sworn to before me on this 5 day of September, 2019

_____
Signature

Peter Schmitt
Name

PETER SCHMITT
NOTARY PUBLIC - MINNESOTA
My Commission Expires Jan 31 2022

Property Owner Certification

The undersigned warrants, certifies, and represents that:

1) I, [ ] (name) am the [ ] (title) of the Property [ ] (name) and have been authorized to file this Applicant Certification on behalf of my organization; and
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.**

[ ]

Signed and sworn to before me on this _____ day of _____, 20__

_____

Signature

_____

Name

See Attachment

WELLS FARGO

Jurat Certificate California only

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

Subscriber Organization Certification *(optional, complete if known)*

The undersigned warrants, certifies, and represents that:

1) I, Reed Richerson (name) am the Vice President (title) of the Subscriber Organization US Solar DG Development 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) 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
5) 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.**

Signature: _____ Date: 9/5/2019

Print Name: Reed Richerson

Title: Vice President Company: US Solar DG Development LLC

Signed and sworn to before me on this 5 day of September, 2019

_____

Signature

Peter Schmitt

Name

PETER SCHMITT
NOTARY PUBLIC - MINNESOTA
My Commission Expires Jan. 31 2022

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.

This Questionnaire is Product Offering number 1 of 3 (total number of product offerings).

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)*:

2. Community Solar Subscription Price: *(check all that apply)*
   ☐ Fixed price per month

3.

4. Fees
   ☐ Sign-up fee: _____
   ☐ Other fee(s) and frequency: _____

5. Does the subscription guarantee or offer fixed savings or specific, quantifiable economic benefits to the subscriber? ..... ☑ Yes ☐ No
   If "Yes," the savings are guaranteed or fixed:

☐ As a percentage of monthly utility bill

☑ As a fixed guaranteed savings compared to average historic bill

☐ As a fixed percentage of bill credits

☐ Other: _____

6. Special conditions or considerations:

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.

This Questionnaire is Product Offering number 1 of 3 (total number of product offerings).

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)*:

2. Community Solar Subscription Price: *(check all that apply)*
   ☐ Fixed price per month
   ☐
   ☐ *(interval)*

3. Contract term (length): _____ months, _____ years OR ☐ month-to-month

4. Fees
   ☐ Sign-up fee: _____
   ☑ Early Termination or Cancellation
   ☐ Other fee(s) and frequency: _____

5. Does the subscription guarantee or offer fixed savings or specific, quantifiable economic benefits to the subscriber? ..... ☑ Yes ☐ No
   If "Yes," the savings are guaranteed or fixed:

☐ As a percentage of monthly utility bill

☑ As a fixed guaranteed savings compared to average historic bill

☐ As a fixed percentage of bill credits

☐ Other: _____

6. Special conditions or considerations:

Section D: Appendix

Appendix A: Product Offering Questionnaire

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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 Questionnaire is Product Offering number 1 of 3 (total number of product offerings).

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)*:

2. Community Solar Subscription Price: *(check all that apply)*
   ☐ Fixed price per month

3. Contract term (length): _____ months, or _____ years OR ☐ month-to-month

4. Fees
   ☐ Sign-up fee: _____
   ☑ Early Termination or Cancellation fees:
   ☐ Other fee(s) and frequency: _____

5. Does the subscription guarantee or offer fixed savings or specific, quantifiable economic benefits to the subscriber? ..... ☑ Yes ☐ No
   If "Yes," the savings are guaranteed or fixed:

☐ As a percentage of monthly utility bill

☑ As a fixed guaranteed savings compared to average historic bill

☐ As a fixed percentage of bill credits

☐ Other: _____

6. Special conditions or considerations:

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: ⇨ Attach a letter from the Applicant describing the 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. ⇨ Attach special authorization from NJDEP for the site to host a community solar facility.	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. ⇨ 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.	p. 19	☐Yes ☐ No

Appendix C: Evaluation Criteria

The Evaluation Criteria chart below lists the various categories that the Board will consider in evaluating project Applications. Projects must score a minimum 30 points total in order to be considered for participation in the Community Solar Energy Pilot Program. Projects that score above 30 points will be awarded program capacity in order, starting with the highest-scoring project and proceeding to the lowest-scoring project.

Evaluation Criteria	Max. Points
Low- and Moderate-Income and Environmental Justice Inclusion Higher preference: LMI project	30
Siting Higher preference: landfills, brownfields, areas of historic fill, rooftops, parking lots, parking decks Medium preference: canopies over impervious surfaces (e.g. walkway), areas designated in need of redevelopment No Points: preserved lands, wetlands, forested areas, farmland Bonus points for: landscaping, land enhancement, pollination support, stormwater management, soil conservation	20 Max. possible bonus points: 5
Product Offering Higher preference: guaranteed savings >10%, flexible terms* Medium preference: guaranteed savings >5% No Points: no guaranteed savings, no flexible terms* *Flexible terms may include: no cancellation fee, short-term contract	15
Community and Environmental Justice Engagement Higher preference: partnership with municipality, partnership with local community organization(s), partnership with affordable housing provider Medium preference: letter of support from municipality, project owner is a government and/or public and/or quasi-public entity, project owner is an affordable housing developer	10
Subscribers Higher preference: more than 51% project capacity is allocated to residential subscribers	10
Other Benefits Higher preference: Provides local jobs/job training, demonstrates co-benefits (e.g. paired with storage, micro-grid project, energy audit, EE measures)	10
Geographic Limit within EDC service territory Higher preference: municipality/adjacent municipality Medium preference: county/adjacent county No Points: any geographic location within the EDC service territory.	5

APPENDIX II – USS Pollinator Solar LLC Development Choices: Greenfield and County Restriction

US SOLAR
100 N 6th Street, Suite 410B
Minneapolis, MN 55403
612.260.2230
www.us-solar.com

USS Pollinator Solar LLC
Development Choices: Greenfield and County Restriction

Responsible Greenfield Development

Though the Community Solar Energy Pilot Program awards extra evaluation points for rooftop and brownfield sites, USS Pollinator Solar LLC chose to pursue this greenfield solar site for several reasons:

- Environmental benefits
- Speed of development and deployment
- Development risk, cost
- Community interaction
- Uniquely situated greenfield close to load

Rooftops that are compatible with solar installations should all have solar installations. However, a ground-mount project like USS Pollinator Solar LLC offers a number of unique and substantial benefits not available with rooftop projects. For example, ground-mounted solar allows for designs that optimize production and capacity factors by optimizing row spacing, orientation, panel height, tilt angle, and the ability to utilize a single-axis tracking system providing for a longer period of daily peak generation.

In contrast, rooftop sites have lower capacity factors, in part because rooftops impose significant limitations on land tenure, system size, configuration, orientation, and weight. Rooftop sites also typically have higher installation costs, more restrictive access agreements, and often require a roof replacement or a system-removal provision for a future roof replacement. Additionally, rooftop systems present heightened concerns around effective plant maintenance and repairs, and may have higher incidents of fire due to wiring and grounding concerns[1]. These factors, combined with lower production per panel, make rooftop solar relatively more expensive and less productive than ground-mounted solar farms.

Our farm-sited solar project also pairs well with and enhances traditional farming. As described in Appendix IX ("Highly compatible: pollinator-friendly solar projects and farming"), ground mounted solar planted with pollinator-friendly habitat may even result in "a net gain in food production … when highly pollinator-dependent crops are grown near pollinator-friendly solar projects – even when accounting for the land taken out of production by the solar project." Here, our proposed project would use less than 25 percent the farm's existing acreage, allowing for traditional farming activity to continue around the array and benefit from the new on-site pollinator habitat. Pollinator-friendly solar farms also improve soil health and water quality, reduce soil erosion, runoff, and the use of pesticides and herbicides, and provide valuable diversification for farmers struggling with volatile commodity prices. As indicated by their

[1] "Walmart Sues Tesla Over Rooftop Fires It Blames on Faulty Solar Systems". Green Tech Media. 21 August 2019. https://www.greentechmedia.com/articles/read/walmart-sues-tesla-over-gross-negligence-in-solar-installs#gs.1jpdl1

letters of support. [redacted] want to work specifically with USS Pollinator Solar LLC to further their research specifically on these stacked environmental benefits.

Brownfields and landfill sites also have drawbacks relative to our greenfield proposal. They require extra layers of engineering, legal, and financial diligence and environmental review. While not insurmountable, these hurdles do make for higher costs, a longer development timeline, and the risk that the project may never actually be built due to development contingencies[2]. These same considerations may also persuade the BPU to approve a diversity of ground-mounted project types (not just brownfield projects) in the first Program Year, to allow for lower-risk sites that can be successfully built on a shorter timeline. USS Pollinator Solar LLC is confident in its ability to develop this site in a timely matter, particularly with the partnership of the City of Salem.

Finally, to the extent that a goal of this program is to allow residents and businesses to participate and interact with clean energy, rooftop and brownfield sites are often either not visible for residents or well out of the way. Greenfield development, particularly this site that is located in the City of Salem close to population and load, allows for opportunities to interact with renewable energy. For this reason, US Solar hosts public on-site events throughout the year such as our recent Pollinator Celebration, which allows residents and partners to celebrate community solar for the environmental and economic benefits being provided. We plan on having this same type of engagement with our USS Pollinator Solar LLC project, particularly because it is located directly next to the local high school and down the road from the Energy & Environmental Resource Center.

Contrary to the current evaluation regime, we feel that responsibly developed greenfield solar sites, like USS Pollinator Solar LLC, deserve more than 5 bonus points. Projects of this quality deserve 10-15 points for utilizing poor commodity cropland, installing substantial pollinator-friendly habitat that will benefit surrounding crop yields, and creating a tangible, accessible venue for community engagement with renewable energy and the fight against the climate crisis. USS Pollinator Solar LLC is designed to be more than a solar project and should be scored accordingly. We hope the BPU considers these broader benefits in its scoring.

[2] Note: US Solar does develop brownfield sites and is evaluating potential brownfield sites in New Jersey, but we were unable to pre-qualify (*i.e.*, sufficiently evaluate and de-risk) and fully negotiate site control in time for these sites to be submitted for Program Year 1.

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County Restriction

One other item of note on our application is USS Pollinator Solar LLC's choice to restrict its subscriptions to the same or adjacent county, instead of choosing the more restrictive municipality or adjacent municipality restriction. Though we are committed to finding as many direct community members as possible to subscribe, as can be seen by our commitment to residential and LMI subscribers, our extensive subscription experience has swayed us to allow for a bit more geographic freedom.

The City of Salem and the surrounding municipalities only represents roughly 11,000 housing units. If we had committed to limiting our project subscribers to that geography, it would require us to successfully subscribe roughly 5% of all households. But our extensive experience in subscribing community solar tells us that this level of market penetration is unrealistic in a timely fashion. We do not want to commit to a residential subscription target and not be able to meet that commitment in a timely manner. Some residents are faster adopters of new options than others. With community solar being new in New Jersey, it is likely that there will be some stratification of early adopters to those waiting to see more projects operational first. Our goal continues to be to subscribe as locally as we can, and we will be working with the City of Salem in our partnership to reach out to residents. Choosing to allow residents from a slightly larger area to subscribe simply allows our project to move forward faster.

One final note on the county level restriction specifically relates to Atlantic City Electric (ACE). Given the relatively limited amount of allocated community solar capacity for ACE in the first pilot year, allowing subscribers from anywhere in the county or an adjacent county allows a broader geographic area to benefit from this community solar garden. Though we hope to have more projects all over the territory in the future, this looser subscription restriction provides benefits to a wider range of ACE users. As discussed above, early adopters may not be close enough to a community solar garden if they are all following a municipal subscription restriction. Our choice to follow a county level restriction follows a middle ground of still having an intense community component while allowing the flexibility to serve a broader range of customer geographies.

APPENDIX III – DEPARTMENT OF ENVIRONMENTAL PROTECTION'S OFFICE OF PERMIT COORDINATION AND ENVIRONMENTAL REVIEW APPLICATION AND CORRESPONDENCE

Peter Schmitt <peter.schmitt@us-solar.com>

USS Pollinator Solar DEP Comments

Nolan, Katherine <Katherine.Nolan@dep.nj.gov>
To: Peter Schmitt <peter.schmitt@us-solar.com>
Cc: "Foster, Ruth" <Ruth.Foster@dep.nj.gov>, "Brunatti, Megan" <Megan.Brunatti@dep.nj.gov>

Tue, May 21, 2019 at 2:35 PM

Good Afternoon Peter,

The Office or Permit Coordination and Environmental Review (PCER) distributed project information to various programs within the Department for the proposed USS Pollinator Solar project located in Salem City, Salem County. 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 April 30, 2019: *** this is neither a comprehensive nor a technical summary ****

Land Use : Chris Jones: Chris.Jones@dep.nj.gov or (609) 633-6757

- According to the information provided, there are no streams, wetlands or tidal waters within the project limits. Based on that information, Land Use Permits are not required. However, the Division of Land Use Regulation recommends that the project sponsor/developer obtain a Freshwater Wetlands Letter of Interpretation to confirm that there is no Freshwater Wetlands Protection Act jurisdiction over the project.

Fish and Wildlife: Kelly Davis: Kelly.Davis@dep.nj.gov or (908) 236-2118

- The NJ Division of Fish and Wildlife (DFW) requests more details for the proposed final cover seed mixture. By incorporating different layers of flowering plants and grasses in the landscape, pollinators can find the food and shelter they need for survival. Grasses help balance the ecosystem, but incorporating herbaceous plants, wildflower mixes and mosaics of cool/warm seasons grasses would benefit wildlife and pollinators to a greater extent.
- What is being described in the text of the project summary is fairly marginal habitat. Such as, under the Vegetative Seeding Plan, "*The area underneath the modules and between rows will be transformed into a diverse mix of pollinator friendly, low-lying, deep-rooted grasses.*" or under the section titled - Preliminary Drainage Plan, "*Aside from the gravel access road and meter pad, the entire area within the fence boundary will be restored to a low-maintenance grass, including the area below the solar panels.*" While DFW appreciates the intent to provide excellent habitat and food sources for native wildlife, it's not sure that grasses alone will accomplish this.

State Historic Preservation Office: Vincent Maresca: Vincent.Maresca@dep.nj.gov or (609) 633-2395

- The proposed development is in close proximity to the Salem Working Class Historic District and the Alloway Creek Rural Historic District which are both eligible for inclusion on the New Jersey and National Registers of Historic Places. The project is adjacent to buildings and structures over 50 years old based on a review of historic aerial photography. Finally, the project setting on moderately well-drained uplands bordering tributaries for Salem Creek is an area of high archaeological sensitivity for Pre-Contact period archaeological resources based on existing models for archaeological sensitivity in New Jersey.

- If this project is subject to any formal regulatory review, the HPO would request the following initial surveys to identify any historic and archaeological resources that may be affected by the proposed solar project:
  - Assessment of visual effects of the proposed development on the known historic districts;
  - Architectural reconnaissance of buildings, structures, or landscapes over 50 years old within the viewshed of the project, assessment of affects, and any recommendations for additional studies;
  - Phase IA archaeological reconnaissance of the project site and recommendations for additional studies.
- Please reference HPO project No. 19-2272 in any future communications to help expedite our review.

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

- Agriculture lands per the NJDEP Solar Siting Analysis are a Not Preferred siting location for solar https://www.state.nj.us/dep/aqes/solar-siting.html
- The screen shot (attached) is from the NJ Community Solar Siting Tool https://www.state.nj.us/dep/aqes/solar-siting.html#cstool
- In the Community Solar Application and Evaluation Criteria, projects on Ag lands will receive zero points under the siting category. Application, page 28.

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.

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.

Sincerely,

Katie Nolan

New Jersey Department of Environmental Protection

Office of Permit Coordination & Environmental Review

401 East State Street

Trenton, NJ 08625-0420

Mailcode: 401-07J

Office #: (609) 272-3600

Direct #: (609) 984-6506

Fax #: (609) 633-1196

Email: Katherine.Nolan@dep.nj.gov

New Jersey DEPARTMENT of ENVIRONMENTAL PROTECTION

Connect with us:

Solar Siting Tool.jpg
173K

Peter Schmitt <peter.schmitt@us-solar.com>

USS Pollinator Solar LLC - Proposed Seed Mix

Peter Schmitt <peter.schmitt@us-solar.com>
To: Kelly.Davis@dep.nj.gov
Cc: "Nolan, Katherine" <Katherine.Nolan@dep.nj.gov>

Fri, Jun 28, 2019 at 12:02 PM

Hi Kelly,

My name is Peter Schmitt and I am the developer in charge of the USS Pollinator Solar LLC project in Salem County that you provided comments on last month.

In your comments, you had requested to see a proposed seed mix, which I have attached below. We are planning to work with [redacted] to provide the seed and perform maintenance on this site. We also have consulted with [redacted] in Minnesota for similar seed mixes. Any feedback on this mix is welcome - we are excited to bring pollinator friendly solar to New Jersey!

Best,
Peter

--

Peter Schmitt – Manager, New Markets

United States Solar Corporation
100 N 6th St, Suite 218C, Minneapolis, MN 55403
O: 612.299.1434 M: 612.850.7134
peter.schmitt@us-solar.com
us-solar.com

EPS - New Jersey Seed Mix Example.pdf
159K

US SOLAR

PERMIT READINESS CHECKLIST

APRIL 30, 2019

COVER LETTER

April 30, 2019
New Jersey Department of Environmental Protection
Office of Permit Coordination and Environemental Review
PO Box 420, Mail Code 07J
Trenton, NJ 08625

RE: Permit Readiness Checklist Application by USS Pollinator Solar LLC

Dear New Jersey DEP,

Attached, please find a permit readiness checklist application to construct and operate a community solar garden within the City of Salem. The request is being made by USS Pollinator Solar LLC on behalf of United States Solar Corporation ("US Solar"). US Solar, a small business headquartered in Minnesota, is a turnkey community solar developer, coordinating all project details—development, permits, finance, construction, management, insurance, maintenance, monitoring, and customer service.

USS Pollinator Solar LLC plans to develop and construct a 5-megawatt (MW) Community Solar Garden on approximately 40 acres of a 110-acre parcel in LaSalle County at 125 Yorke Street, Salem, NJ 08079, ("the Property). It is the intent of USS Pollinator Solar LLC to market subscriptions to schools, cities, and nearby residential customers in Atlantic City Electric territory in Salem County and neighboring counties.

USS Pollinator Solar LLC chose this Property because it is well-suited for the proposed use. We appreciate the coordination and insights provided by the New Jersey DEP staff and look forward to working with both New Jersey DEP and Salem City.

Please contact us with any questions, comments, or points for clarification. We look forward to working with the Board on this project.

Sincerely,

Peter Schmitt – Manager, New Markets

USS Pollinator Solar LLC
100 N 6th St., Suite 218C
Minneapolis, MN 55403
W: (612) 299.1434
E: peter.schmitt@us-solar.com

CONTENTS

PROJECT SUMMARY

Property Address	125 Yorke Street, Salem, NJ 08079
Landowner	
Township	Salem City
Current Use of Property	Agriculture

The project will generate enough electricity to power approximately 800 homes annually and interconnect directly to Atlantic City Electric ("ACE")'s existing distribution system. Residents and businesses in and around Salem County who are ACE customers may subscribe to a portion of the electricity generated and receive bill credits on their ACE bills. In this way, local residents and businesses receive a direct economic benefit from the project. USS Pollinator Solar LLC is contracted to deliver electricity for a period of 20 years, commencing on the date of commercial operation, which is expected to occur in the first half of 2020.

Surrounding land use is a mixture of agricultural and residential, with several other farmsteads within a mile of the project. We plan to contact all neighbors in the immediate vicinity of the Project to share our plans and ensure their concerns have been discussed.

LOCAL ECONOMIC IMPACT

In addition to discounted electric bills, this Project will have a positive economic impact, detailed below.

Already Spent

- ~ on travel, meals, legal fees, and county recordings
- ~ on local engineering, legal, and environmental consulting services

During Construction

- ~ on capital infrastructure investment
- ~ on local spending
- 30+ temporary construction and related service jobs, equivalent to ~4 full-time job years

During Operation

- on increased property tax payments during operation
- ~0.5 permanent full-time employees ($22,500/yr, totaling $562,000 over 25 years)

SELECTING THIS PROPERTY

The Property was selected because of its solar resource, physical characteristics, proximity and access to high-value 3-phase distribution facilities, applicable zoning and permit requirements, and willingness of the landowner.

- Solar Resource
  - Unobstructed access to natural sunlight
- Physical Characteristics

- Limited grading, if any, maintaining natural topsoil and existing drainage patterns
- Not in Agricultural Preserve
- No impact to wetlands or neighboring properties
- Soils capable of supporting facility and equipment
- No water or other infrastructure improvements needed

- Proximity to Distribution Facilities
  - Existing distribution line on the Project-side of Yorke Street
  - Adequate capacity for the Project on existing distribution line and other infrastructure
  - Supplies electricity throughout the local community

LOGISTICS

DESCRIPTION OF OPERATIONS

The major equipment components of a community solar garden are solar panels, inverters, and racking. Single-axis tracker racks provided by a vetted manufacturer hold up the solar panels, reaching a maximum average height of 10 feet. Racking is installed with noise-mitigating, vibrated piles that are anchored into the ground to the appropriate depth to guarantee long-term stability and structural soundness, based on detailed structural and geotechnical analysis. Vibrated piles also facilitate decommissioning at the end of the life of the solar garden, as they do not require cement foundations and are easily removed. Most importantly, we will provide ongoing maintenance of all of our solar gardens, both equipment and site conditions. On a regular schedule, we will analyze solar array performance, detecting and diagnosing any production anomalies, identifying and addressing underperformance issues, managing service teams and technicians, and contacting landowners and the utility if necessary.

SITE VISITS DURING OPERATION

Approximately once per quarter, one vehicle with approximately two (authorized and insured) employees will be sent out to perform routine maintenance on the site, in addition to any unplanned maintenance. During the first few years, one vehicle and two landscape maintenance employees will visit the site monthly during the growing season, to ensure the health efficacy of landscaping. The facility will be fenced, locked, and remotely monitored. The proposed solar garden, once operational, requires no daily traffic.

In addition, ACE personnel will have an easement to support maintenance activities of their interconnection point.

VEHICLES

Trucks for maintenance activities will be standard, with minimal tooling and parts for activities as described above.

PARKING

During the operational phase of the solar garden, there will be approximately two parking sports within the boundaries of the perimeter fence. During construction, a temporary parking area will be created for installation crews, delivery trucks (as needed), and construction and supervision personnel.

STRUCTURES

All monitoring is done remotely. No permanent structures will be built onsite.

STORAGE DURING OPERATION

As referenced above, there will be no equipment or materials storage onsite.

SIGNAGE

There will be no external signage of the facility. To provide safety and support good practices, labeling of electrical equipment requires internal signage. All signage will be in compliance with local and state regulations.

WATER, SEWAGE, WASTE, AND FLAMMABLE/EXPLOSIVE MATERIALS

No water, sewage, waste management services, or flammable/explosive materials are required onsite. Portable waste facilities will be provided during the construction period.

CONSTRUCTION TRIPS

Construction is expected to last 4-6 months, with most deliveries in the first month and most electrical testing in the later stages of construction. Delivery expectations are listed below.

- Modules will come on 40-foot flatbed trucks or in 40-foot containers.
    - We expect no more than 20 deliveries for all solar modules.
- We expect no more than 15 container trucks to deliver racking material.
- We expect no more than 8 deliveries for inverters, switchgears, and transformer.
- We expect some additional trips for Balance of Plant equipment, in containers that are 40 feet or smaller.

Note: We expect no more than 4 deliveries per day.

Delivery routes will be designed to pose the smallest traffic impact in the local community. We will coordinate with local authorities as to preferred times and routes prior to construction mobilization.

Construction employees will park within the Project premises. There will be no permanent storage on-site. Employees will be provided with mobile waste management options sourced from the local area. USS Pollinator Solar LLC takes responsibility for maintenance or replacement or new installation of any drain tile servicing this site, if USS Pollinator Solar LLC and landowner determine it necessary.

SITE PLAN

The proposed site plan is enclosed as Appendix I to describe our design of the community solar garden, showing the parcel, solar garden dimensions and specifications, setbacks, and more.

EXAMPLE OF A SOLAR PROJECT IN CONSTRUCTION

EXAMPLE OF A SOLAR PROJECT IN OPERATION

SITE ACCESS

An unpaved access road will be built from the public road to the solar array. This provides necessary access for construction, regular mowing and maintenance activities, and decommissioning of the garden, while minimizing impact to ongoing farming operations. The road also provides access in the unlikely event that emergency crews are needed onsite. There is a simple process for construction of the access road:

(1) Remove topsoil from a 15-foot wide area and store this onsite as a berm,

(2) Lay down a geotech fabric barrier, if necessary, to prevent vegetative growth, and

(3) Install approximately four to eight inches of aggregate material.

This Project will be accessed from a 15-foot-wide access road directly off Yorke Street via the existing field access. USS Pollinator Solar LLC will work with the road authority for approval. See Appendix I for a depiction of the access road.

VEGETATIVE SEEDING PLAN

The area underneath the modules and between rows will be transformed into a diverse mix of pollinator-friendly, low-lying, deep-rooted grasses. USS Pollinator Solar LLC will control for noxious weeds throughout the life of the project. US Solar has experience working with local experts to develop ideal native grass mixes for pollinators unique to each site location. We will be contracting a similar, local expert on this project as well. These mixes will provide excellent habitat and food sources for native wildlife, preserve and improve the soils, and reduce erosion and water runoff.

The design goals for this solar garden seed mix will be:

- Withstand harsh climate conditions
- Minimize erosion
- Improve water quality
- Reduce storm water runoff
- Minimize maintenance costs

FENCING

In addition, our solar garden will include a security fence around the entire perimeter. The security fencing will be located entirely on the Property on the inside of any landscape screening. The fence will not exceed 8 feet in height, and it will be a farm-field style fence without barbwire. The fence will meet National Electric Code.

PRELIMINARY DRAINAGE PLAN

A full drainage report is forthcoming and will be completed as part of the Stormwater and Pollution Prevention Plan (SWPPP) permit. Volume control (infiltration) will be provided through the disconnection of impervious surfaces as well as on-site infiltration basins. Aside from the gravel access road and meter pad, the entire area within the fence boundary will be restored to a low-maintenance grass, including the area below the solar panels. Runoff from the panels and gravel access roads will be allowed to sheet flow across the newly established perennial vegetation. The proposed project discharges in a manner like the existing flow pattern in all modeled storm events and does not alter drainage patterns.

The SWPPP will include:

- Summary of general construction activity
- Storm water mitigation and management resources
- Wetland impacts
- Project plans and specifications
- Temporary erosion prevention measures
- Temporary sediment control measures
- Permanent erosion and sediment control measures, if needed
- Best management practices (BMPs) regarding erosion control
- Inspection and maintenance
- Pollution prevention measures
- Final stabilization plan for long-term soil stability

As a company with a record of successfully developing community solar gardens, US Solar has met the requirements for all previously attained Stormwater and Pollution Prevention Plan (SWPPP) permits. US Solar will continue to develop and construct projects to the design standards necessary for all relevant permits.

GRADING AND FILLING

We propose no substantial grading, filling, removal of soils, or addition of soils. Our solar racking can accommodate the current terrain, a primary reason we selected this location. This will maintain the original grading on the site and sustain the existing drainage and runoff patterns, minimizing impact to surrounding lands.

MANUFACTURER'S SPECIFICATIONS

USS Pollinator Solar LLC uses only Tier 1 solar modules. Tier 1 solar modules are manufactured to the highest quality, performance, and lifespan, produced by companies that have at least a five-year history in manufacturing them. Countless banks and financial partners have vetted these modules. These modules are designed to absorb light and reflect less than 2% of the incoming sunlight, which is less than many natural features, including water, snow, crops, and grass. There will be no effect of glare.

The foundation of the racking system will utilize galvanized steel. The foundations should utilize vibrated galvanized steel, I-Beam piers. Depending on final soil analysis and foundation design prior to construction, they may be helical piles. The Project will utilize single-axis trackers, which rotate from east to west with the rising and setting of the sun. Single-axis trackers typically have a shorter solar panel height (10 feet at the highest point) and produce less glare. The trackers will have a maximum rotational axis of 60 degrees each direction.

An underground, medium-voltage cable will run along the access road, connecting directly to the proposed utility poles. All onsite power and communication lines running between solar modules will be underground.

Project Component	Tracker
Project Size	5 MWDC
Acres Required	40
Type of PV Panels	Silicone Polycrystalline
Panel Manufacturer	, or similar
Panel Model	or similar
Panel Warranty	6 year limited warranty on materials and workmanship from production date, 90% power guarantee after 10 years, 80% power output after 25 years
Mounting Manufacturer	
Mounting Warranty	10 years on structural components; 5 years on drive and control systems
Tilt Angle	0 degrees
Inverter Manufacturer	
Inverter Model	
Inverter Warranty	Up to 25 years; 10 years standard with additional options of up to 15 years
Performance Monitoring System	

INTERCONNECTION WITH ATLANTIC CITY ELECTRIC

This project working with ACE on its Interconnection Agreement process and will be applying as soon as available.

DECOMMISSIONING PLAN

Our lease contains a decommissioning plan, described below:

Lessee shall (a) remove from the Premises all above surface grade equipment relating to the Facility and other personal property owned, located, installed, or constructed by or on behalf of Lessee thereon, (b) remove concrete footings, foundations and other fixtures of Lessee to a depth of two (2) feet below the surface grade, (c) cover up all pit holes, trenches and other borings and excavations made by or on behalf of Lessee on the Premises, and (d) leave the surface of the Premises (or applicable portion thereof) free from debris arising from the foregoing or from the operations or activities of Lessee. Reclamation shall include, as reasonably required, repair or replacement of damaged drainage tile, leveling, terracing, mulching and other reasonably necessary measures to prevent soil erosion. Lessor shall provide Lessee with reasonable access to the Premises during the performance of such removal and other work by Lessee for a period of twelve (12) months following the termination or expiration of this Lease.

The community solar garden consists of many recyclable materials, including glass, semiconductor material, steel, aluminum, copper, and plastics. When the project reaches the end of its operational life, the component parts will be dismantled and recycled as described below. The decommissioning plan would commence in the event of twelve (12) months of non-operation. At the time of decommissioning, the project components will be dismantled and removed using minimal impact construction equipment, and materials will be safely recycled or disposed. USS Grandpa Solar LLC will be responsible for all the decommissioning costs.

REMOVAL PROCESS

The decommissioning of the project proceeds in reverse order of the installation:

1. The solar system will be disconnected from the utility power grid.
2. PV modules will be disconnected, unattached, collected, and removed.
3. Aboveground and underground electrical interconnection and distribution cables will be removed and recycled off-site by an approved recycler.
4. PV modules support racking will be removed and recycled off-site by an approved recycler.
5. PV modules support steel and support posts will be removed and recycled off-site by an approved recycler.
6. Electrical devices, including transformers and inverters, will be removed and recycled off-site by an approved recycler.
7. Concrete pads will be removed and recycled off-site by an approved recycler.
8. Fencing will be removed and recycled by an approved recycler.
9. Reclaim soils in the access driveway and equipment pad areas by removing imported aggregate material and concrete foundations. Replace with soils as needed.

The project site may be converted to other uses in accordance with applicable land use regulations at the time of decommissioning. There are no permanent changes to the site, and it will be returned in terrific condition. This is one of the many great things about solar gardens; If desired, the site can return to productive farmland after the system is removed.

MAINTENANCE & OPERATIONS PLAN

Maintenance and Operations questions can be directed to the USS Pollinator Solar LLC Operations Team at 612-260-2230. The Operations Team will be able to address any issues related to drainage, weed control, screening, stray voltage questions, general maintenance, and operation.

PROJECT OWNERSHIP

The applicant of this Project, USS Pollinator Solar LLC, is a subsidiary of United States Solar Corporation ("US Solar"), the owner of the Project. Please find more information about US Solar at www.us-solar.com.

APPENDIX I – SITE PLANS AND PROJECT MAPS

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 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 USS Polllinator Solar LLC

2. Consultant/Contact Information (if any) ___

3. Name/Address of Prospective Applicant Peter Schmitt
   Address/tel./fax 100 N 6th Street, Suite 218C, Minneapolis, MN 55403
   Company Name United States Solar Corporation ("US Solar")
   Address/tel./fax 612-299-1434

4. Does the project have any existing NJDEP ID#s assigned? i.e., Case number, Program Interest (PI)#, Program ID#?

B. PROPOSED PROJECT LOCATION

Street Address/munic. 125 Yorke Street
County Salem Zip Code 08079
Block No. 94 Lot No. 4
X Coordinate in State Plane (project centroid) 39°33'32.12"N

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[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.

Y Coordinate in State Plane (project centroid) 75°27'49.91"W

C. PROPOSED ACTIVITY DESCRIPTION AND SCHEDULE

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

   a) Estimated Schedule: Date permits needed or desired by, beginning construction date; construction completion, and operation of facility date: Hoping to start construction in Q1/Q2 2020

   b) Funding Source: Is any Federal Funding being used for this project? Not at the moment. We are considering applying to be an Economic Opportunity Fund. We will likely also take advantage of some of the remaining federal tax credit.
   State Funding over 1 million dollars? ___
   Is funding secured at this time? ___ Is funding conditional? ___ If so, on what?___

   c) Is the project contingent on receiving the identified funding? No
   If yes, explain ___

   d) What DEP permits do you think you need for this project? (The Department will confirm this through the PRC process). I do not believe that this project is in a wetland or environmental protection, but we may need a letter stating so. The land has been in agriculture for quite some time, so there may be some historic permit required.

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? I have been in contact with the City of Salem, as we would like to partner with them on this project to make it a bigger boon for the community.

   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. Salem does not currently have a solar ordinance, so we hope to work with them to create one, as necessary.

   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 _____
      2) Highlands Consistency _____
      3) Wetland Delineation (LOI) _____
      4) Tidelands Conveyance _____
      5) Flood Hazard Jurisdiction or determinations _____
      6) Water Allocation _____
      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 _____
      8) Landfill Disruption Approval _____
      9) Landfill Closure Plan _____
      10) Other _____

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 mail[2] 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, etc[4]);
   (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

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? I don't think so.

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. If anything, the pollinator plantings that we will be installing on this site should improve water drainage and quality.

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

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[2] Submit to: New Jersey Department of Environmental Protection
Office of Permit Coordination and Environmental Review
P.O. Box 420, Mail Code 07J
Trenton, New Jersey 08625
Street Location: 401 East State Street, 7th Floor East Wing
Telephone Number:(609) 292-3600
Fax Number: (609) 292-1921

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

[4] NJGIS information

Do water pipes currently extend to the project location? No.

If not, is it located within a franchise area? This project does not require water services.

Does the project have an approved Safe Drinking Water main extension permit? Not necessary.

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. Again, our pollinator plantings should improve overall water conditions, if anything.

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? Unsure

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:
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 in nature, 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 No.
Overland Flow Subsurface Disposal System (UIC) No.
Landfill Infiltration/Percolation Lagoon No.
Surface Impoundment No.

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): None.

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): None.

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 wastewater to a publicly owned 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. If so, please explain. No.

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? Temporarily yes. Once the facility is installed, we will be establishing and maintaining native pollinator habitat to benefit the site itself and the surrounding community.

Will any industrial activity be conducted at the site where material is exposed to the rain or other elements? Our entire site is open air except for a small cabinet for our transformers.

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? _____Yes/No No.

If yes, state the name of the proposed receiving stream _____

Describe the proposed discharge of wastewater to Surface Water _____

If no, how is the wastewater proposed to be discharged (e.g., to be conveyed to another STP, Publicly Owned Treatment Works, etc. No wastewater impact.

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? No sewer needed.
If yes, what is the name of the sewer service area? _____

Has this project received endorsement from the appropriate sewer authority with adequate conveyance and capacity? None needed.

Do waste water pipes currently extend to the project location? There are existing sewage pipes on each side of the project site, but this project will not be using them.

Is the project consistent with and in an area covered by an up to date Wastewater Management Plan? Unsure. I would assume that the City of Salem has one.

Will an amendment to the existing WQMP be required to accommodate this project? We don't have any wastewater.

If tying into an offsite treatment plant, is the capacity and conveyance system currently available? _____

What is the volume of wastewater that will be generated by the project? 0

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) The river is quite a ways to the west of this site.

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

The CAFRA Planning Area? http://www.state.nj.us/dep/gis/cafralayers.htm

`DEP NATURAL AND HISTORIC RESOURCES

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

Does the project require a diversion of State property or parkland, lease of same, lifting of a Green Acres of Land Use deed restriction, or work within an existing easement? No. Will any activity occur on State owned lands? No. If so please describe. _____

Does the project require a diversion of property funded with federal Land and Water Conservation Funding? No. If so, please describe _____.

Does the project include activities that are under the jurisdiction of the Watershed Property Review Board? If so, please describe. I don't think so. Has the Watershed Property Review Board made a jurisdictional determination? _____

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

Is the temporary use of State lands administered by the New Jersey State Park Service required for pre-construction, construction and/or post construction activities? If so, please describe.

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

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? I don't think so.
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? Unknown.

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? Unknown

Will the proposed development affect any areas identified as habitat for Threatened or Endangered Species? Unknown. Our pollinator habitat will be supporting habitat for endangered pollinator species.

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/

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? N/A

If not, what is the current status of remediation activities? _____ 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 _____

Is the applicant a responsible party for contamination at the property? No.

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

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? No. Explain _____

AIR QUALITY PERMITTING PROGRAM
http://www.nj.gov/dep/aqpp

Will activity at the site release substances into the air? If it is dry, some dust could be disturbed during post installation. We plan to seed the site in a cover crop before installation, though, in an effort to limit any dust disturbance.

Does the project require Air Preconstruction permits per N.J.A.C. 7.27-8.2©1? Unknown.

Will your project require Air Operating permits (N.J.A.C. 7:27--22.1)? I don't think so.

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.
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?
There will be forklifts and a backhoe on site during construction, but not once construction is complete.

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__x_____ No_____

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

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

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? x Y ☐ N

Is this technology used for manufacturing alternative fuels? ☐ Y x N
- 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?
x Energy ☐ Site Remediation ☐ Drinking Water ☐ Wastewater

For other innovative energy systems, what is the source of energy?
x Solar ☐ Wind ☐ Tidal/Wave ☐ Hydroelectric ☐ Geothermal

Is there independent third-party performance data for the technology? x Y ☐ N

Has the technology been verified by an independent third-party entity? x Y ☐ N

Is this technology in use at any other location at this time? x Y ☐ N
- If yes, please provide location Solar PV technology is used widely around the state._

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. _____

Does the proposed project facilitate compliance where there is a current violation or ACO? _____

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?

We are working directly with the City of Salem to see how this can best benefit the community, whether that is by subscribing the City directly to save money on its electric bills or to work with community members and business directly.

(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.
I will be meeting with the City Council for the second time on May 20th and will continue to actively be involved in the community throughout this project. I am also hoping to meet with the high school, which is directly to the west of this site.

(c) What are the potential impacts of this project on the community?
This project will increase the tax base, help people, businesses, and the City save money on electric bills, and we will be working to create a community fund to support local nonprofits and/or sports teams.

(d) How do you intend to mitigate these potential impacts?
Our potential impacts are positive.

(e) What are the community concerns or potential concerns about this project?
Some people do not like the appearance of solar panels. If we hear that from the community, we will work to create a landscaping plan to screen it from view.

(f) How do you intend to address these concerns?
As discussed, we will create a landscaping plan, as necessary, to screen this site if requested.

(g) As part of this project, do you plan to perform any environmental improvements in this community? If yes, describe.
Yes, we plan on planting pollinator friendly habitat underneath this array to support pollinator habitat, better fix the soil, improve drainage, and create a beautiful landscape for this site.

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
(609) 883-9500
http://www.state.nj.us/drbc/

US Army Corp of Engineers review? No.

APPENDIX IV – LETTERS OF PARTNERSHIP AND SUPPORT

City of Salem

[redacted]

CITY OF SALEM

Charles Washington, Jr
Mayor

17 New Market Street, Salem, New Jersey 08079
Tel. (856) 935-0372 Fax (856) 935-4095

Anita Garcia
Acting City Clerk

August 8, 2019

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 Commissioners and Staff:

The City of Salem is excited to partner with US Solar on the two projects being proposed in our City. Salem was originally laid out in 1675 and formally incorporated in 1798. We have a long history of community investment, agriculture, and manufacturing. US Solar is an established and growing developer and owner/operator of community solar projects based in Minneapolis, Minnesota.

The City understands that the New Jersey state legislature recently authorized community solar to allow for development of distributed-scale solar farms up to 5 MWdc, or approximately 40 acres, in size. We also understand that the statute places a strict cap on the number of community solar arrays that will be allowed in 2019, which could result in the Board of Public Utilities (BPU) selecting as few as 15 projects in this first year. Most importantly, we understand that community solar is designed to benefit a wide array of community stakeholders and project subscribers, including but not limited to low- and moderate-income subscribers.

Over the past few months, the City has had the opportunity to develop a relationship with US Solar and fully supports US Solar's application to the BPU for permission to install a community solar project on a portion of the Fowler/Millstone farm on the southern edge of the City.

We are supporting this application because it will be sited within the City and will benefit the City from a tax-base perspective, support our constituents desiring to use their land for this purpose, and also as a potential subscribing partner. The dedication that US Solar is showing to develop both quality solar projects, including perennial native vegetation to support honeybees, native pollinators, and songbirds, as well as mechanisms (such as a Community Investment Fund to benefit the City and its residents over the long-term) is laudable.

On the equity side of community solar benefits, Salem is also home to many lower income residents. US Solar's commitment to help all of our citizen's benefit from these sites also demonstrates why we are excited for this partnership.

We urge the NJBPU to select these projects for its Pilot Community Solar Program as soon as possible so we can bring these economic, environmental, and equity benefits to our community. These are exciting developments that will help us show off that Salem is open for business while also being an environmental champion.

Sincerely,

Charles Washington, Jr.
Mayor
17 New Market Street
Salem, NJ 08079

APPENDIX V – PROJECT FINANCIALS

US SOLAR

TRADE SECRET, PROPRIETARY AND CONFIDENTIAL

Portfolio Inputs	
# of Projects	
Capacity (kW DC)	
Specific Yield (kWh/kWdc/y)	
Land Lease ($/yr/kWdc)	$
Land Lease Inflator	
Annual Degredation	
O&M ($/kw)	$
Esc after 5 year Initial	
Asset Mgmt ($/kWdcy)	$
Escalator	
Equip Reserve ($/kw)	$
Reserve Year Start	
Reserve term (Years)	
Insurance	

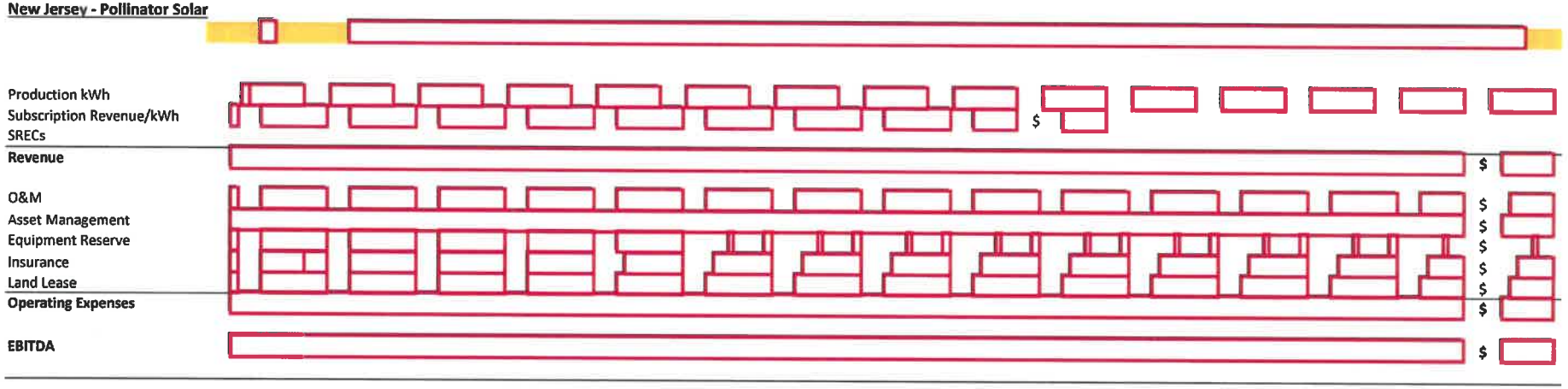
New Jersey - Pollinator Solar

Production kWh	
Subscription Revenue/kWh	$
SRECs	$
Revenue	$
O&M	$
Asset Management	$
Equipment Reserve	$
Insurance	$
Land Lease	$
Operating Expenses	$
EBITDA	$

Project Costs	$
ITC	$
Operating Expenses	$
Total Production (kWh)	
Simple LCOE	$

TRADE SECRET, PROPRIETARY AND CONFIDENTIAL

New Jersey - Pollinator Solar



APPENDIX VI – PROJECT MAPS AND CAPACITY MAPS

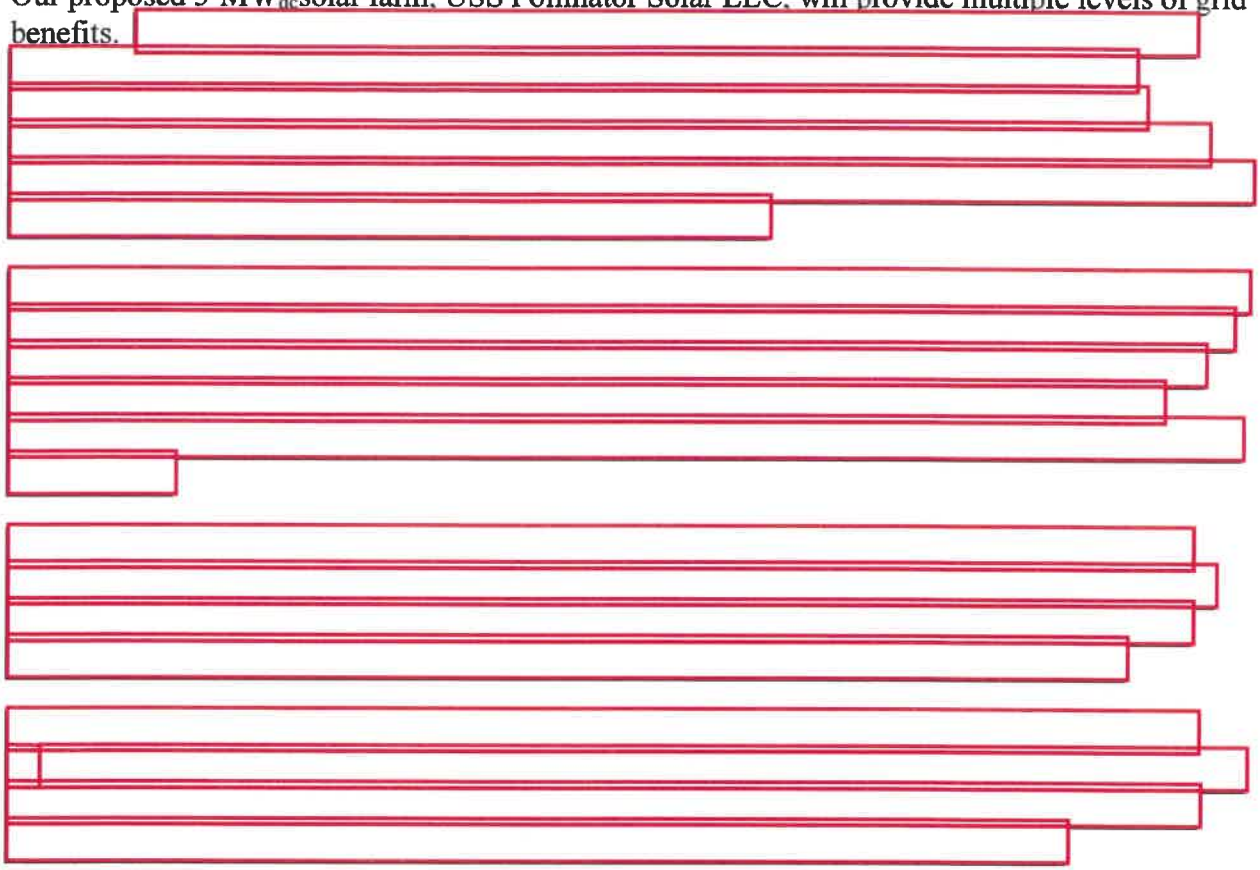
APPENDIX VII – PROOF OF SITE CONTROL

APPENDIX VIII – GRID BENEFITS

100 N 6th Street, Suite 410B
Minneapolis, MN 55403
612.260.2230
www.us-solar.com

Grid Benefits Provided By USS Pollinator Solar LLC

Our proposed 5-MW_{dc} solar farm, USS Pollinator Solar LLC, will provide multiple levels of grid benefits.



Additional resources on these topics are below:

- "RMI: New Insights Into the Real Value of Distributed Solar", Green Tech Media, 2013. https://www.greentechmedia.com/articles/read/RMI-New-Insights-into-the-Real-Value-of-Distributed-Solar#gs.z7w3cd
- "Solar & Renewables Benefit the Grid & the US Economy", Solar Energy Industries Association, 2016. https://www.seia.org/sites/default/files/resources/Grid-Econ-Benefits-Briefing-Paper_5-16-17.pdf
- "How solar helps the grid", Energy Sage, 2016. https://news.energysage.com/how-solar-helps-the-grid/
- "Fixed-Tilt vs. Axis Tracker Solar Panels", Kiewit. https://www.kiewit.com/plant-insider/current-issue/fixed-tilt-vs-axis-tracker-solar-panels/

APPENDIX IX – POLLINATOR RESOURCES AND REFERENCES

US Solar Pollinator Sheet

US Solar Pollinator Celebration Invite

United States Solar Corporation
100 N 6th St / Suite 410B / Minneapolis, MN 55403

Credit: The Center for Pollinators in Energ

Minnesota has long been a champion of conservation initiatives. **Xcel Energy's Solar*Rewards Community Solar Program** is rooted in Minnesota's commitment to strong agriculture and environmental health. Through constructing Community Solar Gardens, US Solar brings more clean electricity and environmental conservation to Minnesota.

Community and Agricultural Benefits

Each of US Solar's Community Solar Gardens has many community benefits, including:

Energy Cost Savings

US Solar offers community solar subscriptions, which provide 25-year electricity cost savings for school districts, cities, businesses, and residents who subscribe.

We're proud to work with over 70 valued organizations.

Credit: Bare Honey

Habitat Conservation

US Solar implements pollinator-friendly native habitats, including approximately 1.5 million native plants per site. This habitat supports monarch, bee, pheasant, and bird populations.

Ecosystem Sustainability

The pollinator-friendly habitat has long root systems, which reduce stormwater runoff by approximately 23% in a 2-year flood event. This also improves air quality and soil nutrient levels.

us-solar.com
612.294.6569
development@us-solar.com

United States Solar Corporation
100 N 6th St / Suite 410B / Minneapolis, MN 55403


Credit: The Center for Pollinators in Energy

Agricultural Commitment

It's no wonder that the Minnesota Farm Bureau and the Minnesota Farmers Union support the expansion of Community Solar Gardens. Pollinator-friendly native habitats established in solar gardens result in:

- Improved soil, water, and air quality
- Increased crop yields due to increased pollination

Our Community Solar Gardens are designed, installed, and constructed to minimize disturbance to surrounding farmland.

Environmental Benefits

Each Community Solar Garden has a wide range of environmental benefits to conservation and agriculture. Many of our solar gardens include:

- Wildflowers and native grasses to support monarchs, bees, songbirds, and gamebirds
- Onsite honeybee hives and habitat boxes for native bees
- Monarch waystation certification
- Fencing style designed to be consistent with a rural landscape and not interfere with local wildlife

These conservation efforts benefit local communities by cultivating:

- Improved air quality, water filtration rates, and drainage
- Improved soil nutrient levels
- Increased crop yields
- Minnesota Board of Water and Soil Resources habitat assessment certification

US SOLAR

We seek to make solar energy accessible with simple, money-saving, long-term solutions that benefit both our partners and the environment. US Solar is a turnkey developer, financier, owner, and operator of distributed solar projects with a focus on community solar markets. We operate nationally with offices in Minnesota, Connecticut, and Virginia.

WE WORK WITH:

US Solar collaborates with a number of organizations to implement pollinator-friendly initiatives.

- Natural Resource Services
- Ernst Pollinator Services
- Bare Honey
- Bee Kind MN
- Fresh Energy
- Fieldstone Apiaries

us-solar.com
612.294.6569
development@us-solar.com

US SOLAR

BIG LAKE POLLINATOR CELEBRATION

WEDNESDAY, AUGUST 21
6:30PM - 8:30PM

19048 196TH ST, BIG LAKE, MN 55309

Come celebrate pollinator-friendly habitat, bees, and solar energy with us!

- Tour our Big Lake Solar Garden.
- Learn about pollinator-friendly habitat initiatives.
- Enjoy photo-ops, crafts for kids, and pollinator-themed snacks.

Please wear long pants and closed-toed shoes. Bring bug spray/sunscreen as desired.

Please RSVP to michelle.simms@us-solar.com by August 19th.
Questions? Reach Michelle via email or at 612-299-1213.