

Dual-Use Solar Energy Project ("Project") Expression of Interest Form

Any question may be answered by attaching document(s) separately.

The terms "solar facility" and "solar project" are used interchangeably in this document.

"Dual-Use Solar Energy Project" or "Project" means the energy generation facilities, structures, and equipment for the production of electric power from solar photovoltaic panels located on unpreserved farmland in agricultural or horticultural production that ensures the continued simultaneous use of the land below and adjacent to the panels for agricultural or horticultural use.

BASIC PROJECT INFORMATION

I. Applicant Contact Information

Applicant Company/Entity Name: _____
 First Name: _____ Last Name: _____
 Phone Number: _____ Email: _____
 Applicant Mailing Address: _____
 Municipality: _____ County: _____ Zip Code: _____

Applicant is: Landowner Solar facility Developer or Installer
 (select all that Farmer Solar facility Owner or Operator
 apply) Other: _____

Applicant is Main Point of Contact? Yes No

If No, provide Main Point of Contact information:

First Name: _____ Last Name: _____
 Phone Number: _____ Email: _____

II. Landowner Contact Information

Same as Applicant
 Landowner Company or Entity Name: _____
 First Name: _____ Last Name: _____
 Phone Number: _____ Email: _____

III. Solar Facility Owner Contact Information

Same as Applicant
 Solar Facility Owner Company or Entity Name: _____
 First Name: _____ Last Name: _____
 Phone Number: _____ Email: _____

IV. Farmer Contact Information

Same as Applicant
 Farm Company or Entity Name: _____
 First Name: _____ Last Name: _____
 Phone Number: _____ Email: _____



V. Solar Facility Developer Contact Information

Same as Applicant

Developer Company Name: _____

First Name: _____ Last Name: _____

Phone Number: _____ Email: _____

- The proposed Dual-Use solar facility project will be primarily built by:
 Developer _____ a contracted engineering, procurement, and construction ("EPC") company
 Other (explain): _____
- If the proposed Dual-Use solar facility project will be primarily built by a contracted EPC company, complete the contact information below, if the EPC company has been selected.
- If the EPC company information is left blank because the EPC company is not yet known and the proposed project is approved by the Board for participation in the Dual-Use Pilot Program, the Applicant must inform the Board of the information below once the EPC company becomes known.

EPC Company Name (complete if applicable): _____

First Name: _____ Last Name: _____

Phone Number: _____ Email: _____

EPC Company Mailing Address: _____

Municipality: _____ County: _____ Zip Code: _____

VI. Eligibility

- The proposed Dual-Use solar facility is located, in part or in whole, on preserved farmland:
 Yes _____ No _____ If yes, the EOI will not be considered by Staff.
- The proposed Dual-Use solar facility is located entirely on unreserved farmland:
 Yes _____ No _____ If no, the EOI will not be considered by Staff.
- Has the land proposed for the Dual-Use solar facility site been used continuously for agricultural or horticultural production for the last three years?*

Yes _____ No _____
 *Attach signed affidavit attesting to the historical agricultural or horticultural use of the land prior to the installation of a Dual-Use Solar Energy Project, as demonstrated by participation in the State's farmland assessment program pursuant to the New Jersey Farmland Assessment Act of 1964, P.L. 1964, c. 48 (N.J.S.A. 54:4-23.1 et seq.).

PROPOSED DUAL-USE SOLAR ENERGY PROJECT CHARACTERISTICS

I. Basic Information

1. Dual-Use Solar Facility Location (Address): _____

Municipality: _____ County: _____ Zip Code: _____

2. Property Block and Lot Number(s): _____

3. Dual-Use solar facility site coordinates (within 20 feet of the center of the site):

_____ Latitude _____ Longitude

4. Dual-Use solar facility site soil classification: Prime Statewide Significance Other
5. Is the proposed Dual-Use solar facility site located within:
- | | |
|-------------------------------------|---|
| Agricultural Development Area (ADA) | NJ Highlands (Planning Area or Preservation Area) |
| Land preserved under Green Acres | NJ Pinelands (Forest Area or Preservation Area) |
| Freshwater or Coastal Wetlands | Forested land and transition zones |
| Other land-use restrictive area: | N/A (Not located in any of the areas listed) |

If any checked, have you begun consultation with the applicable authority? Yes No

Has the applicant met with NJDEP's OPPN and/or submitted a permit readiness checklist? Yes No

If yes for ADA and for prime soils or soils of Statewide significance, are you working with a New Jersey public research institution of higher education to do a research study? Yes No

If yes, name of institution: _____

Has the Board granted a waiver for siting this project? Yes No

6. Is the project for a public entity? Yes No

7. Is the land being leased, i.e., is there a lease agreement in place? Yes No

If "Yes," attach a copy of the lease agreement.

8. Is the project located in an overburdened community? Yes No

If "Yes," specify where: _____

9. Is the project located in an underserved community? Yes No

If "Yes," specify where: _____

Notable project features, location, and/or anticipated operations that contribute to beneficial impacts for supporting overburdened and underserved communities:

10. Total acreage of:
- a. Dual-Use solar facility site*: _____ acres
- b. Proposed research control area**: _____ acres

11. Attach municipal tax map or similar with the block and lot location of the farm parcel clearly identified that shows the delineation of the proposed project site***, research control area, and fencing, in PDF format.

* "Dual-Use solar facility site" means the location of the parcel proposed to contain the Dual-Use Solar Energy Project, including the solar array and balance of system equipment.

** "Research control area" means the designated portion of the Dual-Use solar facility site which does not contain the solar array or balance of system equipment but is equivalent to the array-containing portion with regard to agricultural productivity potential, farming practices, farm management, and any extraneous factors affecting agricultural productivity.

*** "Project site" means the location of the parcel proposed to contain the Dual-Use Solar Energy Project, including the solar array, balance of system equipment, and the associated research control area together.



II. Interconnection Planning

12. Electric distribution company (EDC) in which the proposed Dual-Use solar facility site is located:
 Atlantic City Electric Public Service Electric & Gas Jersey Central Power & Light
 Rockland Electric Co Local Government Unit _____
13. Anticipated means of electricity sale and interconnection:
 Net meter ≤5 MW (ADI) Net meter >5 MW (CSI) Wholesale, grid supply (CSI)
14. Is the proposed Dual-Use solar facility site part of an existing solar project? Yes No
 If "Yes,"
 a. Has the project received permission to operate from an EDC? Yes No
 Date Achieved/Expected to Achieve: _____
 b. Provide the project registration number: _____ ADI CSI
- If "No,"
 For ADI:
 i. Has an EDC interconnection application been submitted? Yes No
 ii. Date Achieved/Expected to Achieve _____
 iii. The Applicant has consulted the hosting capacity map of the relevant EDC via the EDC's website (links are available on the NJCEP website) and determined that, based on the capacity hosting map as published at the date of submission of the EOI, there is sufficient capacity available at the proposed location to build the proposed Dual-Use solar facility. Yes No
 If "Yes," include a screenshot of the capacity hosting map at the proposed location, showing the available capacity.
- For CSI:
 i. Do you have either a PJM Feasibility Study or written authorization from the EDC? Yes No
 ii. Do you have a queue position? Yes No
 Position Information: _____ Date Achieved: _____
15. If the project is proposed to be net metered, what was the most recent 12 months of historic electricity consumption according to a utility bill (utility bill must show the site host's name, address, and electric tariff, if applicable) _____ kWh. Attach a copy of the utility bill.

III. Solar Array Design and Agricultural Plan for Dual-Use Solar Facility Site

16. Crops grown in the past three years in the area intended for the proposed Dual-Use solar facility site:
- Vegetables: _____
 Fruit: _____
 Animal: _____
 Hay: _____
 Nursery: _____
 Grain: _____
 Other: _____

17. What is your agricultural plan for the proposed Dual-Use solar facility site and the control area for year 1, 2 and 3, including plan for monitoring the quality of agricultural or horticultural use of the land?

See attachment

Yes No

Year 1:

Year 2:

Year 3:

18. System Type:

Vertical Fixed-tilt Single-axis tracking Dual-axis tracking Other

19. Array design innovation plan to facilitate continued practical farming after construction:

20. Height of lowest panel edge during normal daily operation (in feet): _____

21. Number of panels: _____

22. Rated wattage (DC) per panel: _____

23. Number of rows: _____

24. Distance between rows (in feet): _____

25. Overall system capacity (kW DC): _____

26. Expected annual electricity generation (in MWh): _____

27. Are you planning storage energy? Yes No

If "Yes," describe your plan:

28. Type of mounting structure and proposed materials (mono poles, I-Beams, racking type, etc.):

29. Description of materials and process to be used for post installation:

30. Proposed measures to prevent permanent damage to agricultural land:

31. Proposed measures to reduce soil erosion, stormwater runoff and other environmental issues:

32. Plan for decommissioning at end of useful life:

33. Briefly describe your research plan and how it fulfills the requirements of the Dual-Use Pilot Program (refer to specific requirements for projects containing prime agricultural soils or soils of Statewide importance and located within an ADA).

Name of research partner entity or organization (list all potential research entities/partners):

Refer to the NOIA for specific information about working with the Rutgers Agrivoltaics Program at Rutgers University.

COSTS

I. Cost Estimates

34. Provide cost estimates for the following:

- a. Total installed cost for the entire project (including solar equipment, research required pursuant to the Pilot Program rules, monitoring and data collection equipment, labor, and soft costs.)
 (\$): _____
- b. Additional costs above those of a similarly sized conventional photovoltaic system of the same array type, to be incurred as a result of participation in the Pilot Program specific to the agricultural or horticultural aspects of the Dual-Use Solar Energy Project.
 (\$): _____

II. Incentives

35. For a CSI-eligible facility:

- a. The project has received an award from the Board in the CSI Program: Yes No
 If "Yes," provide amount: (\$/MWh) _____ Date Received: _____
 Tranche 1 (Basic Grid Supply) Tranche 4 (Net-metered, Non-Residential)
 Tranche 5 (Storage paired with Grid)
 Other: Tranche 2 (Grid Supply on the Built Environment) or Tranche 3 (Grid Supply on Contaminated Sites or Landfills) *(These segments are not eligible for Dual-Use.)*
- b. The project has not received an award from the Board's CSI Program. Thus, a proxy value from the most recent CSI Program Solicitation will be used*: (\$/MWh) _____
*(*The proxy value equates to the highest awarded bid in the Basic Grid Supply market segment, Tranche 1.)*

36. For an ADI facility, check the applicable market segment:
- a. Project smaller than 1 MW (dc)
 - Small net-metered non-residential located on rooftop, carport, canopy and floating solar
 - Small net metered non-residential ground mount
 - b. Project 1 MW to 5 MW (dc)
 - Large net-metered non-residential located on rooftop, carport, canopy and floating solar
 - Large net metered non-residential ground mount
 - c. Other:
 - Residential or Community Solar (These segments are not eligible for Dual-Use.)
37. Requested anticipated adder in dollar per solar-produced megawatt hour (\$/MWh) _____

ADDITIONAL PROJECT MATURITY INFORMATION

I. Permits

Receiving all permits and approvals is not required prior to submitting an EOI.

38. Applications for electrical and building permits have been submitted: Yes No
39. Applications or approvals for all discretionary land use approvals and entitlements, applicable to the project, have been applied for: Yes No

Discretionary land use approvals and entitlements include but are not limited to municipal zoning permit or municipal site plan approval, county site plan approval, soil conservation district approval, and Pinelands Commission or Highlands Commission approval.

If yes, provide brief details on status and/or date received. Identify the applicable authority, such as NJDEP, DCA, name of municipality, etc.:



II. Additional Information

40. Estimated time from application selection to project completion: _____(years) _____(months)
(The Applicant should provide a good faith estimate of the time it takes for project completion.)
41. Anticipated construction schedule and additional project maturity details (dates of major milestones):

Additional documents attached/provided: Yes No



Certifications

Instructions: Original signatures on all certifications are required.

I. Applicant Certification

The undersigned warrants, certifies, and represents that:

- 1) I, _____ (*name*) am the _____ (*title*) of the Applicant _____ (*name*) and have been authorized to file this Applicant Certification on behalf of my organization; and
- 2) The information provided in this Expression of Interest (EOI) 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) If approved, the Dual-Use pilot solar facility proposed in the EOI will be constructed, installed, and operated in accordance with all Board rules and applicable laws; and
- 4) If approved, the system proposed in the EOI will be constructed, installed, and operated in accordance with all Board policies and procedures for the SREC-II Registration Program; and
- 5) My organization understands that certain information in this EOI 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 et seq.; 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: _____

Print Name: _____

Title: _____

Company: _____

Signed on this _____ day of _____, 20 _____

Signature

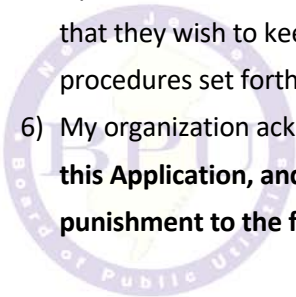
Name



II. Landowner/Property Owner Certification Project Owner

The undersigned warrants, certifies, and represents that:

- 1) I, _____ (name) am the _____ (title) of the Applicant _____ (name) and have been authorized to file this Applicant Certification on behalf of my organization; and
- 2) The information provided in this Expression of Interest (EOI) package pertaining to siting and location of the proposed Dual-Use 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) For Project Owner: If approved, the Dual-Use pilot solar facility proposed in the EOI will be constructed, installed, and operated in accordance with all Board rules and applicable laws; and
- 4) For Project Owner: If approved, the system proposed in the EOI will be constructed, installed, and operated in accordance with all Board policies and procedures for the SREC-II Registration Program; and
- 5) My organization understands that certain information in this EOI 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 et seq.; 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: _____

Print Name: _____

Title: _____ Company: _____

Signed on this _____ day of _____, 20 _____

Signature

Name

III. Solar Facility Operator Certification	Project Owner
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The undersigned warrants, certifies, and represents that:

- 1) I, _____ (*name*) am the _____ (*title*) of the Applicant _____ (*name*) and have been authorized to file this Applicant Certification on behalf of my organization; and
- 2) The information provided in this Expression of Interest (EOI) 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) If approved, the Dual-Use pilot solar facility proposed in the EOI will be constructed, installed, and operated in accordance with all Board rules and applicable laws; and
- 4) If approved, the system proposed in the EOI will be constructed, installed, and operated in accordance with all Board policies and procedures for the SREC-II Registration Program; and
- 5) My organization understands that certain information in this EOI 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 et seq.; 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: _____

Print Name: _____

Title: _____

Company: _____

Signed on this _____ day of _____, 20 _____

 Signature

 Name



IV. Farmer Certification	Project Owner
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The undersigned warrants, certifies, and represents that:

- 1) I, _____ (name) am the _____ (title) of the Farmer _____ (name) and have been authorized to file this Applicant Certification on behalf of my organization; and
- 2) The information provided in this Expression of Interest (EOI) package pertaining to the agricultural and/or horticultural use of the land 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) For Project Owner: If approved, the Dual-Use pilot solar facility proposed in the EOI will be constructed, installed, and operated in accordance with all Board rules and applicable laws; and
- 4) For Project Owner: If approved, the system proposed in the EOI will be constructed, installed, and operated in accordance with all Board policies and procedures for the SREC-II Registration Program; and
- 5) My organization understands that certain information in this EOI 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 et seq.; 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: _____

Print Name: _____

Title: _____ Company: _____

Signed on this _____ day of _____, 20 _____

 Signature

 Name