



Project Matching: Facilitating New Renewable Energy Projects Project Proposal Submittal Form

The EPA Green Power Partnership's (GPP's) [Project Matching Initiative](#) works to connect stakeholders with new, not-yet-built renewable energy projects that may align with their energy, environmental, and financial objectives. The initiative's goal is to spur the development of new renewable generation by facilitating the signing of long-term green power contracts between end-users and project developers, thereby providing a guaranteed stream of revenue that developers can use to secure project financing.

The GPP, in collaboration with EPA's [RE-Powering America's Land Initiative](#), will host a project matching webinar on Wednesday, June 24, 2015. Project developers are invited to submit project proposals to GPP for possible inclusion in the webinar. This form includes all anticipated criteria that EPA will use to select projects for the webinar. All projects submitted for review that meet minimum requirements for data completeness and basic eligibility will be posted on the GPP website. A renewable energy project's inclusion in this initiative does not constitute endorsement or recommendation by EPA.

Project proposals are due by June 5, 2015 and must be submitted electronically to James Critchfield, critchfield.james@epa.gov.

Contact Information

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Project Summary

Project name: Gettysburg Solar

Developer name: Sterling Energy Assets

Renewable energy type: Solar

Project city/state: Gettysburg, PA

Project geographic coordinates (To find, use: www.latlong.net/):

Latitude: 39.944906 **Longitude:** -77.130677

Total planned megawatt (MW DC) size: up to 2MW

Are there phases? If so, how many and in what size tranches? There is potential for up to 10MW but would require acquisition of additional acreage, so currently there are not phases planned, ideally one energy offtaker will define the size of the development

What is the expected annual output of the completed project (MWh)? Approx. 3,500 MWhrs/year

Expected date of construction commencement: January, 2016

Expected date of commercial operation: December, 2016

What is the largest development hurdle and how is it anticipated to be overcome? Acquiring a credit-worthy Power Purchase Agreement. Anticipated that webinar will achieve a set of potential offtakers to evaluate project with.

Can you provide examples of similar projects you have developed?

- Albany Green Energy – 42MW woody biomass combined heat/power project
- Wiregrass solar – 240 kW solar PV project

Site Readiness

Has the project received all necessary federal, state, and local permits to proceed with construction and operation? If not, please outline the key permits required to proceed with project construction/operation and describe the steps you have taken in order to evaluate and address permitting risk for this project.

Solar PV project require minimal permitting, basically around land disturbance and erosion control, Project site is situated in an area nearby substantial poultry industry operation and other renewable energy power facilities.

Have you secured long-term site control? If so, please describe the nature of the agreement (lease, ownership, etc.)?

Yes, acreage owned

Have land leases been filed with the county?

n/a, owned property

Does the project require either an Environmental Impact Statement or Environmental Assessment? If so, what is the status?

Yes, will be part of the permitting process once a PPA offtaker is confirmed

Is this project sited on a current or formerly contaminated land, landfill or mine site?¹ If so, has the site addressed the related environmental issues?

No.

Interconnection

What is the status of interconnection, and have system impact and facility studies been completed? (Distribution or transmission level projects are both eligible)

¹ Examples of such properties could include brownfields, municipal solid waste landfills, abandoned mine lands, and Superfund sites, among others subject to state or federal authorities or cleanup programs.

Interconnection facility will be a newly constructed facility that provides distribution service to poultry operations nearby. PJM interconnection process will be accomplished via FirstEnergy, and initial discussions have been undertaken

When do you expect the interconnection study process will be complete?

Six months after PPA offtaker is identified

Does the transmission owner (TO) or independent system operator (ISO) have a process to study the project's impact on the local or regional grid and the subsequent cost to interconnect?

Yes, very standard PJM interconnection process for renewable energy project (solar)

Operation & Financing

Is any element of the project – technology or systems – experimental or pilot-phase or proven technology?

No, however there may be the ability for this project to provide the catalyst for additional solar projects to directly feed energy to nearby poultry operations.

What is the long- and short-term plan for operating and maintaining the project?

Solar projects require minimal O&M, and standard service agreements are anticipated over the life of the project.

For wind projects, has a meteorological tower been installed? If yes, when was the tower installed and how much data has been collected?

n/a

Provide a short summary of how you view project finance and structure/ownership taking shape for this project: Project financing is aimed to be achieved by direct equity investment in the project which also will provide monetization of the ITC renewable tax credits. Our firm has successfully funded a substantial renewable energy project in 2014, and expects to leverage those financial relationships and structures once a PPA offtaker is defined.

Partners

In what ways can organizations participate in the project? (Check all that Apply)

- Power purchase agreement for bundled power and RECs**
- Financial hedge or contract for differences**
- Long term REC offtake**
- Financial investment / ownership stake**
- Other, please specify: LONG TERM REC PURCHASE, without energy**

What are some of the characteristics of your ideal power purchaser, investor, or other partner?

Ideally, Investment grade counterparty that has an energy load that can include new solar energy, however we are open to help evaluate any renewable need (non-utility scale sizes).

What marketing opportunities exist at the project?

Naming rights are a potential, and all renewable claims will be conveyed through the Power Purchase Agreement (or contract for differences)