



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

Richard Walsh
richard.walsh@wglenergy.com
251-490-2152

Project Summary

Project name:

Flexible Solar: Solar Electricity Supply Agreement (SESA)

Developer name:

WGLE

Renewable energy type:

Solar PV

Project city/state:

Phase 1 - Kingsville, Maryland

We have multiple other sites located throughout Maryland in various stages of development.

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

Latitude: **39.426943** Longitude: **-76.393167**

Total planned megawatt (MW DC) size:

The Kingsville location is for 1.3 MW.

Are there phases? If so, how many and in what size tranches?

We have multiple other sites available throughout Maryland:

3.9 MW

5.2 MW

7.9 MW

9.1 MW

19 MW

What is the expected annual output of the completed project (MWh)?

MW (DC)	Annual production (kWh)
1.3	1,782,000
3.9	5,752,000
5.2	7,670,000
7.8	11,502,000
9.1	13,422,000
19	28,025,000

Expected date of construction commencement:

4Q 2015

Expected date of commercial operation:

2Q 2016

What is the largest development hurdle and how is it anticipated to be overcome?

Identifying a customer to purchase the power through a Solar Electricity Service Agreement (SESA)

Can you provide examples of similar projects you have developed?

WGL Energy has over 45 MW of off-site projects in MA and NY.

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.

Yes

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

We have executed a lease option. We will execute the final lease upon interconnection approval (August 2015) and approval of zoning variance (November 2015). WGL Energy will be the long-term owner of the project.

Have land leases been filed with the county?

The lease has not been filed with the County yet.

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

This site does not require either an Environmental Impact Statement or an Environmental Assessment.

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?

N/A

Interconnection

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

The interconnection study is scheduled to be completed August 2015.

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

August 2015

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.

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?

To be completed August 2015

Operation & Financing

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

The uniqueness of the project lies within the ability to offer a similar mechanism to remote net metering in MD for commercial customers. Due to WGL Energy's ability to finance, own and operate solar as well as serve load, we are in a unique position to structure such a deal.

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

WGL Energy has over 135 MW of solar under contract in 16 states and counting. These projects will follow the same successful protocols as the rest of our portfolio.

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:

WGL Energy is fortunate to be able to provide the entire capital stack of all of the projects.

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: _____ Supply offtake agreement. This again mirrors a long-term PPA, but is a more basic supply contract for 20 years.

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

WGL Energy realizes that due to the 2016 cliff, we are only able to do a few of these projects within the next few months. The ideal purchaser is a company with load in BGE/Pepco territories that exceeds 5,000,000 kWh. And most importantly, a company that has a robust sustainability plan who will serve as a good partner in promoting the program and engaging the community and associated stakeholders.

What marketing opportunities exist at the project?

The 1.3 MW site is located along the I-95 corridor and there is an opportunity to put signage up along the solar array. Our entire portfolio will offer customers the ability to market their purchase at the site and beyond. We will have a ribbon-cutting event that will involve key stakeholders in the county as well as the company's stakeholders. The customer will be able to install screens at their headquarters/locations displaying the output of the system in real-time, high-res pictures of the system taken with a drone and various other metrics related to the system (e.g. carbon avoidance).