



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

Project Name: \_\_\_\_\_

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

**I. Applicant Contact Information**

Applicant Company/Entity Name: \_\_\_\_\_

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Daytime Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Applicant Mailing Address: \_\_\_\_\_

Municipality: \_\_\_\_\_ County: \_\_\_\_\_ Zip Code: \_\_\_\_\_

- 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): \_\_\_\_\_

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Daytime Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Municipality: \_\_\_\_\_ County: \_\_\_\_\_ Zip Code: \_\_\_\_\_

**III. Community Solar Developer**

*This section, "Community Solar Developer," is optional if: 1) the Applicant is a government entity (municipal, county, or state), AND 2) the community solar developer will be selected by the Applicant via a RFP, RFQ, or other bidding process. In all other cases, this section is required.*

Developer Company Name (optional, complete if applicable): \_\_\_\_\_

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Daytime Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Municipality: \_\_\_\_\_ County: \_\_\_\_\_ Zip Code: \_\_\_\_\_

- The proposed community solar project will be primarily built by:
- the Developer
  - a contracted engineering, procurement and construction ("EPC") company



If the proposed community solar project will be primarily built by a contracted EPC company, complete the following (optional, complete if known):

*If the EPC company information is left blank and the proposed project is approved by the Board for participation in the Community Solar Energy Pilot Program, the Applicant must inform the Board of the information below once the EPC company becomes known.*

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

**IV. Property/Site Owner Information**

Property Owner Company/Entity Name: \_\_\_\_\_  
 First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_  
 Daytime Phone: \_\_\_\_\_ Email: \_\_\_\_\_  
 Applicant Mailing Address: \_\_\_\_\_  
 Municipality: \_\_\_\_\_ County: \_\_\_\_\_ Zip Code: \_\_\_\_\_

**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): \_\_\_\_\_  
 First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_  
 Daytime Phone: \_\_\_\_\_ Email: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_  
 Municipality: \_\_\_\_\_ County: \_\_\_\_\_ Zip Code: \_\_\_\_\_

**VI. Proposed Community Solar Facility Characteristics**

Community Solar Facility Size (as denominated on the PV panels): \_\_\_\_\_ MWdc  
 \*Any application for a system larger than 5 MWdc will be automatically eliminated. If awarded, projects will be held to the MWdc size indicated in this Application.

Community Solar Facility Location (Address): \_\_\_\_\_  
 Municipality: \_\_\_\_\_ County: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Name of Property (optional, complete if applicable): \_\_\_\_\_

Property Block and Lot Number(s): \_\_\_\_\_

Community Solar Site Coordinates: \_\_\_\_\_ Longitude \_\_\_\_\_ Latitude

Total Acreage of Property Block and Lots: \_\_\_\_\_ acres

Total Acreage of Community Solar Facility: \_\_\_\_\_ acres

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

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

- Atlantic City Electric                       Jersey Central Power & Light  
 Public Service Electric & Gas               Rockland Electric Co.

Estimated time from Application selection to project completion\* *(The Applicant should provide a good faith estimate of the date of project completion; however, this data is being collected for informational purposes only.)*: \_\_\_\_\_ (month) \_\_\_\_\_ (year)

\*Project completion is defined pursuant to the definition at N.J.A.C. 14:8-9.3 as being fully operational, up to and including having subscribers receive bill credits for their subscription to the project. Projects must be fully operational within 12 months of receiving conditional approval by the Board (subject to change according to the proposed rule amendment described in the Terms and Conditions).

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

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

**VII. Community Solar Facility Siting**

1. The proposed community solar project has site control\* .....  Yes  No

If "Yes," attach proof of site control.

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

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



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 (check all that apply):

- a landfill (see question 7 below)
- a brownfield (see question 8 below)
- an area of historic fill (see question 9 below)
- a rooftop (see question 10 below)
- a canopy over a parking lot or parking deck
- a canopy over another type of impervious surface (e.g. walkway)
- a water reservoir or other water body (“floating solar”) (see question 11 below)
- a former sand or gravel pit or former mine
- farmland\* (see definition below) Please See Back Tax Certification In Attachments
- other (see question 5 below): \_\_\_\_\_

\*Farmland is defined as land that has been actively devoted to agricultural or horticultural use and that is/has been valued, assessed, and taxed pursuant to the “Farmland Assessment Act of 1964,” P.L. 1964, c.48 (C. 54:4-23.1 et seq.) at any time within the ten year period prior to the date of submission of the Application.

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





6. The proposed community solar facility is located, in part or in whole, on land located in:

- the New Jersey Highlands Planning Area or Preservation Area
- the New Jersey Pinelands

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

7. If the proposed community solar facility is located, in part or in whole, on a landfill, provide the name of the landfill, as identified in NJDEP’s database of New Jersey landfills, available at [www.nj.gov/dep/dshw/lrm/landfill.htm](http://www.nj.gov/dep/dshw/lrm/landfill.htm): \_\_\_\_\_

8. If the proposed community solar facility is located, in part or in whole, on a brownfield, has a final remediation document been issued for the property? .....  Yes  No  
 If “Yes,” attach a copy of the Response Action Outcome (“RAO”) issued by a Licensed Site Remediation Professional (“LSRP”) or the No Further Action (“NFA”) letter issued by NJDEP.

9. If the proposed community solar facility is located, in part or in whole, on an area of historic fill, have the remedial investigation requirements pursuant to the Technical Requirements for Site Remediation, N.J.A.C. 7:26E-4.7 been implemented? .....  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. If the proposed community solar facility is located, in part or in whole, on a rooftop, has the Applicant verified that the roof is structurally able to support a solar system? .....  Yes  No  
 If “Yes,” attach substantiating evidence.  
 If “No,” the application will not be considered by the Board.

11. If the proposed community solar facility is located, in part or in whole, on a water reservoir or other water body (“floating solar”), is the facility located at a water treatment plant or sand and gravel pit that has little to no established floral and faunal resources?  
 .....  Yes  No



If “Yes,” provide supporting details and attach substantiating evidence if needed.

\*All proposed floating solar projects are required to meet with NJDEP’s OPPN prior to submitting an Application. Applicants are responsible for contacting NJDEP with sufficient advance notice to ensure that a meeting will occur prior to the deadline to submit an Application. Please see section VIII Permits, Question 2 for more information.

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

13. 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.

14. The proposed community solar facility is located in an Economic Opportunity Zone, as defined by the New Jersey Department of Community Affairs (“DCA”) .....  Yes  No

If “Yes,” attach proof that the facility is located in an Economic Opportunity Zone.

\*More information about Economic Opportunity Zones are available at the following link: [https://www.state.nj.us/dca/divisions/lps/opp\\_zones.html](https://www.state.nj.us/dca/divisions/lps/opp_zones.html).

15. The proposed community solar facility is located on land or a building that is preserved by a municipal, county, state, or federal entity .....  Yes  No

If “Yes,” attach proof of the designation of the site as “preserved” from a municipal, county, or state entity, and evidence that such designation would not conflict with the proposed solar facility.

16. The proposed community solar facility is located, in part or in whole, on land that includes trees .....  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: \_\_\_\_\_

If “Yes,” estimated number of acres of trees that required to be cut for construction: \_\_\_\_\_

17. Are there any use restrictions at the site? .....  Yes  No

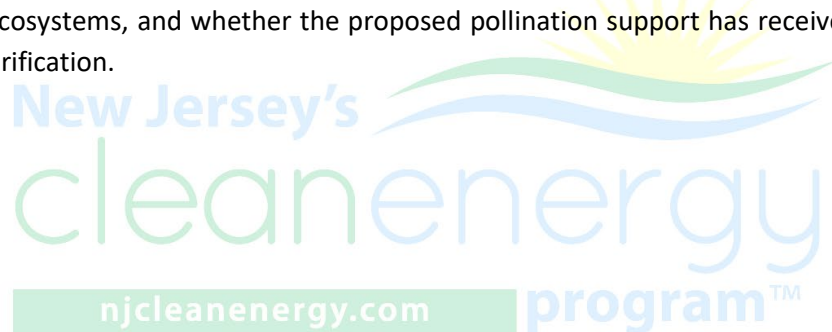
If “Yes,” explain the use restriction below and provide documentation that the proposed community solar project is not prohibited.



Will the use restriction(s) be required to be modified by variance or other means?  
 .....  Yes  No

If “Yes,” explain the modification below.

18. The proposed community solar facility has been specifically designed or planned to preserve or enhance the site (e.g. landscaping, site and enhancements, pollination support, etc.) This represents site improvements beyond required basic site improvements .....  Yes  No  
 If “Yes,” explain below, and provide any substantiating documentation in an attachment. Explain how the proposed site enhancements will be made and maintained for the life of the project. If implementing pollination support, explain what type of pollination support, how this support is expected to help local ecosystems, and whether the proposed pollination support has received certifications or other verification.



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

The proposed community solar facility is a “dual use” project: i.e. the project site will remain in active agricultural production throughout the life of the project (e.g. crop production under or between the panels, livestock grazing).....  Yes  No

\*Wildflower planting or other pollination support is not considered dual use for purposes of this question (pollination support is question 18).

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



VIII. Permits

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

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

2. The Applicant has met with NJDEP’s OPPN .....  Yes  No  
 If “Yes,” attach meeting notes or relevant correspondence with NJDEP’s OPPN.

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

\*A meeting with NJDEP’s OPPN is not required prior to submitting an Application. Exception: all floating solar projects are required to meet with NJDEP’s OPPN prior to submitting an Application. Applicants with a floating solar project are responsible for contacting NJDEP with sufficient advance notice to ensure that a meeting will occur prior to the deadline to submit an Application.

3. The Applicant has received all non-ministerial permits\* for this project (optional) .....  Yes  No

\*Receiving all non-ministerial permits is not required prior to submitting an Application.

\*A non-ministerial permit is one in which one or more officials consider various factors and exercise some discretion in deciding whether to issue or deny a permit. This is in contrast to a ministerial permit, for which approval is contingent upon the project meeting pre-determined and established standards. Examples of non-ministerial permits include: local planning board authorization, use variances, Pinelands or Highlands Commission approvals, etc. Examples of ministerial permits include building permits and electrical permits.

4. Please list all permits, approvals, or other authorizations that will be needed for the construction and operation of the proposed community solar facility pursuant to local, state and federal laws and regulations. Include permits that have already been received, have been applied for, and that will need to be applied for. These include:
  - a. Permits, approvals, or other authorizations from NJDEP (i.e. Land Use, Air Quality, New Jersey Pollutant Discharge Elimination System “NJPDES”, etc.) for the property.
  - b. Permits, approvals, or other authorizations from NJDEP (i.e. Land Use, Air Quality, NJPDES, etc.) directly related to the installation and operation of a solar facility on this property.



- c. Permits, approvals, or other authorizations other than those from NJDEP for the development, construction, or operation of the community solar facility (including local zoning and other local and state permits)

An Application that does not list all permits, approvals, or other authorizations that will be needed for the construction and operation of the proposed community solar facility will be deemed incomplete.

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)

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

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

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



6. The Applicant has conducted an interconnection study for the proposed system *(optional)* .....  Yes  No  
 If “Yes,” include the interconnection study received from the EDC.

**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”: \_\_\_\_\_)

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 has a clear plan for effective and respectful customer engagement process. ....  Yes  No  
 If “Yes,” attach evidence of experience on projects serving LMI communities or partnerships with organizations that have experience serving LMI communities.

5. The proposed community solar project will allocate at least 51% of project capacity to residential customers .....  Yes  No

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)*: \_\_\_\_\_

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





Additionally, the affordable housing provider must attach a signed affidavit that the specific, substantial, identifiable, and quantifiable long-term benefits from the community solar subscription will be passed through to their residents/tenants.

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

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

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?



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

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

The subscription proposed offers guaranteed or fixed savings to subscribers .....  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.



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

If this project is approved, the Board should indicate on its website that the project is currently seeking subscribers .....  Yes  No

If “Yes,” the contact information indicated on the Board’s website should read:

Company/Entity Name: \_\_\_\_\_ Contact Name: \_\_\_\_\_

Daytime Phone: \_\_\_\_\_ Email: \_\_\_\_\_

\*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 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

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

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

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



If “Yes,” explain how and attach evidence of the project being developed by or in partnership or collaboration with the local community organization(s) and/or affordable housing providers.

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

4. The proposed community solar project was developed, at least in part, with support and in consultation with the community in which the project is located\* .....  Yes  No  
 If “Yes,” please describe the consultative process below.

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

**XI. Project Cost**

*This section, “Project Cost,” is optional if: 1) the Applicant is a government entity (municipal, county, or state), AND 2) the community solar developer will be selected by the Applicant via a RFP, RFQ, or other bidding process. In all other cases, this section is required.*

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

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



Net Installed Cost (in \$)	
Net Installed Cost (in \$/Watt)	
Initial Customer Acquisition Cost (in \$/Watt)	
Annual Customer Churn Rate (in %)	
Annual Operating Expenses (in c/kWh)	
Levelized Cost of Energy (“LCOE”) (in c/kWh)	

- 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.” Consistent with the Clean Energy Act of 2018, the Board is no longer accepting applications for the SREC Registration Program (“SRP”). Projects granted conditional approval to participate in PY2 will be eligible to apply for the TI Program.

For indicative purposes only, please indicate all local, state and federal tax incentives which will be applied to if the proposed community solar project is approved for participation in the Community Solar Energy Pilot Program:



**XII. Other Benefits**

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

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

- The proposed community solar facility will be paired with one or more EV charging stations .....  Yes  No  
 If “Yes,” how many EV charging stations: \_\_\_\_\_  
 Will these charging stations be public and/or private? \_\_\_\_\_  
 Please provide additional details:



3. The proposed community solar facility will provide energy audits and/or energy efficiency improvements to subscribers.....  Yes  No

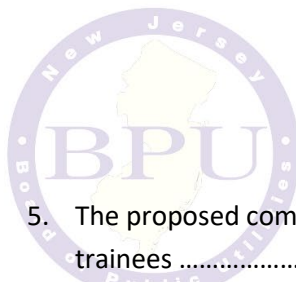
If "Yes," please provide additional details:

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

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

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

If "Yes," explain what these jobs are:



5. The proposed community solar project will provide job training opportunities for local solar trainees .....  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. Is the Applicant a government entity that plans to select the developer via such bidding process? .....  Yes  No  
 If “Yes,” attach a letter describing the proposed bidding process and a copy of the request for bids (RFP, RFQ, or other bidding document) that is ready to be issued if the project is granted conditional approval by the Board. The Applicant must further commit to issuing said RFP, RFQ, or other bidding process within 90 days of the proposed project being approved by the Board for participation in the Community Solar Energy Pilot Program. The Applicant will be required to provide the information contained in those optional sections to the Board once it becomes known.

4. Has the proposed community solar project received, in part or in whole, a subsection (t) conditional certification from the Board prior to February 19, 2019? .....  Yes  No  
 If “Yes,” the project may apply to participate in the Community Solar Energy Pilot Program if it commits to withdrawing the applicable subsection (t) conditional certification immediately if it is approved by the Board for participation in the Community Solar Energy Pilot Program. Attach a signed affidavit that the Applicant will immediately withdraw the applicable subsection (t) conditional certification if the proposed project is approved by the Board for participation in the Community Solar Energy Pilot Program.

5. The Board has proposed an amendment to the Pilot Program rules, which, if approved, would allow municipally-owned community solar projects to submit an application for a project that requests an exemption from the provisions at N.J.A.C. 14:8-9.10(b)(1) mandating subscriber enrollment via affirmative consent (i.e. an opt-out community solar project). Projects that intend



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

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

B. The proposed opt-out project will be owned and operated by the municipality for the duration of the project life (excluding a possible period of temporary third-party, tax-credit investor ownership to maximize the financeability of the opt-out project, subject to appropriate contractual provisions that maintain the municipality's ultimate control of the proposed opt-out project).....  Yes  No

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

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

C. The proposed opt-out project has been authorized by municipal ordinance or resolution .....  Yes  No

If "Yes," attach a copy of the municipal ordinance or resolution allowing the development, ownership, and operation an opt-out community solar project, contingent on the proposed rules being approved by the Board.

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

D. The proposed opt-out project will allocate all project capacity to LMI subscribers .....  Yes  No

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

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

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



adhere to the existing “opt-in” rules for subscriber enrollment (N.J.A.C. 14:8-9.10(b)(1)).  
 .....  Yes  No

Attach an affidavit that the municipal project owner will comply with all applicable rules and regulations, particularly those relating to consumer privacy and consumer protection.



**Section C: Certifications**

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

**Applicant Certification**

The undersigned warrants, certifies, and represents that:

- 1) I, Brett Michael Nolt (name) am the member (title) of the Applicant Broadway Energy 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 Transition Incentive Program, if applicable; and
- 5) My organization understands that information in this Application is subject to disclosure under the Open Public Records Act, N.J.S.A. 47-1A-1 et seq., and that any claimed sensitive and trade secret information should be submitted in accordance with the confidentiality procedures set forth in N.J.A.C. 14:1-12.3; and
- 6) I acknowledge that **submission of false information may be grounds for denial of this Application, and if any of the foregoing statements are willfully false, I am subject to punishment to the full extent of the law, including the possibility of fine and imprisonment.**

Signature: Brett Michael Nolt Date: 2/4/2021

Print Name: Brett Michael Nolt

Title: Member Company: Broadway Energy LLC

Commonwealth of Pennsylvania County of Lancaster  
Signed and sworn to before me on this 4th day of February, 2021 by Brett Michael Nolt.

Signature  
Kendra D Chadwick  
Name

Commonwealth of Pennsylvania - Notary Seal  
Kendra Denise Chadwick, Notary Public  
Lancaster County  
My commission expires June 1, 2021  
Commission number 1313238



**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, Alexander Hurst (name) am the Owner / President (title) of the Project Developer Meadow Valley Electric (name) and have been authorized to file this Applicant Certification on behalf of my organization; and
- 2) The information provided in this Application package has been personally examined, is true, accurate, complete, and correct to the best of the undersigned's knowledge, based on personal knowledge or on inquiry of individuals with such knowledge; and
- 3) The community solar facility proposed in the Application will be constructed, installed, and operated as described in the Application and in accordance with all Board rules and applicable laws; and
- 4) The system proposed in the Application will be constructed, installed, and operated in accordance with all Board policies and procedures for the Transition Incentive Program, if applicable; and
- 5) My organization understands that information in this Application is subject to disclosure under the Open Public Records Act, N.J.S.A. 47-1A-1 et seq., and that any claimed sensitive and trade secret information should be submitted in accordance with the confidentiality procedures set forth in N.J.A.C. 14:1-12.3; and
- 6) I acknowledge that **submission of false information may be grounds for denial of this Application, and if any of the foregoing statements are willfully false, I am subject to punishment to the full extent of the law, including the possibility of fine and imprisonment.**

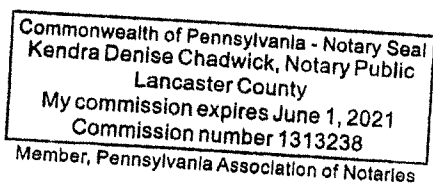
Signature: Alexander Hurst Date: 2/4/2021

Print Name: Alexander Hurst  
Title: Owner / President Company: Meadow Valley Electric

Commonwealth of Pennsylvania  
County of Lancaster

Signed and sworn to before me on this 4th day of February, 2021 by Alexander Hurst.

Kendra D Chadwick  
Signature  
Kendra D Chadwick  
Name





Project Owner Certification

The undersigned warrants, certifies, and represents that:

- 1) I, Brett Michael Nott (name) am the Member (title) of the Project Owner Broadway Energy 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 Transition Incentive Program, if applicable; and
- 5) My organization understands that information in this Application is subject to disclosure under the Open Public Records Act, N.J.S.A. 47-1A-1 et seq., and that any claimed sensitive and trade secret information should be submitted in accordance with the confidentiality procedures set forth in N.J.A.C. 14:1-12.3; and
- 6) I acknowledge that **submission of false information may be grounds for denial of this Application, and if any of the foregoing statements are willfully false, I am subject to punishment to the full extent of the law, including the possibility of fine and imprisonment.**

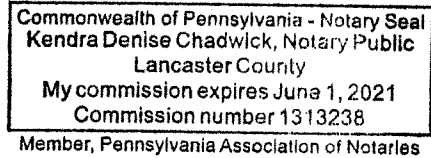
Signature: Brett Michael Nott Date: 2/4/2021

Print Name: Brett Michael Nott  
Title: Member Company: Broadway Energy LLC

Commonwealth of Pennsylvania County of Lancaster

Signed and sworn to before me on this 4th day of February 2021

Kendra D Chadwick  
Signature  
Kendra D Chadwick  
Name







Property Owner Certification

The undersigned warrants, certifies, and represents that:

- 1) I, Brett Michael Nolt (name) am the member (title) of the Property Broadway Energy 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 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 information in this Application is subject to disclosure under the Open Public Records Act, N.J.S.A. 47-1A-1 et seq., and that any claimed sensitive and trade secret information should be submitted in accordance with the confidentiality procedures set forth in N.J.A.C. 14:1-12.3; and
- 4) I acknowledge that **submission of false information may be grounds for denial of this Application, and if any of the foregoing statements are willfully false, I am subject to punishment to the full extent of the law, including the possibility of fine and imprisonment.**

Signature: Brett Michael Nolt

Date: 2/4/2021

Print Name: Brett Michael Nolt

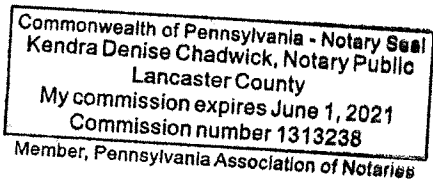
Title: Member Company: Broadway Energy LLC

Commonwealth of Pennsylvania  
County of Lancaster

Signed and sworn to before me on this 4th day of February, 2021 by Brett Michael Nolt,

Kendra D Chadwick

Signature  
Kendra D Chadwick  
Name





Subscriber Organization Certification (optional, complete if known)

The undersigned warrants, certifies, and represents that:

- 1) I, \_\_\_\_\_ (name) am the \_\_\_\_\_ (title) of the Subscriber Organization \_\_\_\_\_ (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 information in this Application is subject to disclosure under the Open Public Records Act, N.J.S.A. 47-1A-1 et seq., and that any claimed sensitive and trade secret information should be submitted in accordance with the confidentiality procedures set forth in N.J.A.C. 14:1-12.3; and
- 5) I acknowledge that **submission of false information may be grounds for denial of this Application, and if any of the foregoing statements are willfully false, I am subject to punishment to the full extent of the law, including the possibility of fine and imprisonment.**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_ Company: \_\_\_\_\_

Signed and sworn to before me on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_

\_\_\_\_\_  
 Signature

\_\_\_\_\_  
 Name



**Section D: Appendix**

**Appendix A: Product Offering Questionnaire**

Complete the following Product Offering Questionnaire. If there are multiple different product offerings for the proposed community solar project, please complete and attach one Product Offering Questionnaire per product offering. Variations in any product offering require a separate Product Offering Questionnaire. Applicants are expected to provide a good faith description of the product offerings developed for the proposed community solar project, as they are known at the time the Application is filed with the Board. If the proposed project is approved by the Board, the Applicant must notify the Board and receive approval from the Board for any modification or addition to a Product Offering Questionnaire.

Exception: This "Product Offering Questionnaire" is optional if: 1) the Applicant is a government entity (municipal, county, or state), AND 2) the community solar developer will be selected by the Applicant via a Request for Proposals (RFP), Request for Quotations (RFQ), or other bidding process.

This Questionnaire is Product Offering number \_\_\_\_\_ of \_\_\_\_\_ (total number of product offerings).

This Product Offering applies to:

- LMI subscribers
- non-LMI subscribers
- both LMI and non-LMI subscribers

1. Community Solar Subscription Type (examples: kilowatt hours per year, kilowatt size, percentage of community solar facility's nameplate capacity, percentage of subscriber's historical usage, percentage of subscriber's actual usage): \_\_\_\_\_
2. Community Solar Subscription Price: (check all that apply)
  - Fixed price per month
  - Variable price per month, variation based on: \_\_\_\_\_
  - The subscription price has an escalator of \_\_\_\_\_ % every \_\_\_\_\_ (interval)
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 as identified throughout this Application Form. Please review the Application Form in its entirety, and attach attachments as required. The page numbers reference the pages from the [Application Form](#) as it was originally approved by the Board, not as they may appear in this fillable PDF.*

<b>Required Attachments</b> Attachments marked with an asterisk (*) are only required if the project meets the specified criteria. All others are required for all Applications.	<b>Reference Page Number</b>	<b>Attached?</b>
Delineated map of the portion of the property on which the community solar facility will be located (in color).	p. 10	<input type="checkbox"/> Yes <input type="checkbox"/> No
Proof of site control.	p. 10	<input type="checkbox"/> Yes <input type="checkbox"/> No
(*) If the proposed project is located, in part or in whole on a rooftop: substantiating evidence that the roof is structurally able to support a solar system.	p. 12	<input type="checkbox"/> Yes <input type="checkbox"/> No
(*) If the proposed project is located on an area designated in need of redevelopment: proof of the designation of the area as being in need of redevelopment from a municipal, county, or state entity.	p. 13	<input type="checkbox"/> Yes <input type="checkbox"/> No
(*) If the proposed project is located in an Economic Opportunity Zone ("EOZ"), as defined by DCA: proof that the facility is located in an EOZ.	p. 13	<input type="checkbox"/> Yes <input type="checkbox"/> No
(*) If the proposed project is located on land or a building that is preserved by a municipal, county, or federal entity: proof of the designation of the site as "preserved" and that the designation would not conflict with the proposed solar facility.	p. 13	<input type="checkbox"/> Yes <input type="checkbox"/> No
Copy of the completed Permit Readiness Checklist.	p. 14	<input type="checkbox"/> Yes <input type="checkbox"/> No
A screenshot of the EDC capacity hosting map at the proposed location, showing the available capacity (in color).	p. 16	<input type="checkbox"/> Yes <input type="checkbox"/> No
Substantiating evidence of project cost in the form of charts and/or spreadsheet models.	p. 20	<input type="checkbox"/> Yes <input type="checkbox"/> No
Product Offering Questionnaire(s) in Appendix A.	p. 30 – 31	<input type="checkbox"/> Yes <input type="checkbox"/> No
Certifications in Section C.	p. 25 – 29	<input type="checkbox"/> Yes <input type="checkbox"/> No

<b>Optional Attachments</b> Attachments marked with an asterisk (*) only apply if the project meets the specified criteria.	<b>Reference Page Number</b>	<b>Attached?</b>
(*) If the project is located, in part or in whole, on a brownfield: copy of the Response Action Outcome (issued by the LSRP) or the No Further Action letter (issued by DEP).	p. 12	<input type="checkbox"/> Yes <input type="checkbox"/> No
(*) If the project is located, in part or in whole, on an area of historic fill: copy of the Response Action Outcome (issued by the LSRP) or the No Further Action letter (issued by DEP).	p. 12	<input type="checkbox"/> Yes <input type="checkbox"/> No
Substantiating evidence that the proposed community solar facility has been specifically designed or planned to preserve or enhance the site (e.g. landscaping, site and enhancements, pollination support, etc.).	p. 14	<input type="checkbox"/> Yes <input type="checkbox"/> No



Proof of a meeting with NJDEP Office of Permitting and Project Navigation (“OPPN”), if applicable. (*) Proof of a meeting with OPPN is optional, except for projects that are in part or in whole a floating solar project. (*) If the Applicant met with OPPN (formerly PCER) during PY1, and there have been no changes to the project or site characteristics, include any comments received from OPPN on the PY1 Application.	p. 14	<input type="checkbox"/> Yes <input type="checkbox"/> No
Permits received for this site or project.	p. 15	<input type="checkbox"/> Yes <input type="checkbox"/> No
Evidence of experience on projects serving LMI communities or partnerships with organizations that have experience serving LMI communities	p.16	<input type="checkbox"/> Yes <input type="checkbox"/> No
(*) If an affordable housing provider is seeking to qualify as an LMI subscriber for purposes of the community solar project: signed affidavit from the affordable housing provider that the specific, substantial, identifiable, and quantifiable long-term benefits from the community solar subscription will be passed through to their residents/tenants.	p. 17	<input type="checkbox"/> Yes <input type="checkbox"/> No
(*) If the account holder of a master meter will subscribe on behalf of its tenants: signed affidavit from the account holder that the specific, identifiable, sufficient, and quantifiable benefits from the community solar subscription will be passed through to the tenants	p. 17	<input type="checkbox"/> Yes <input type="checkbox"/> No
Evidence that the proposed project is being developed by or in partnership and collaboration with the municipality in which the project is located.	p. 19	<input type="checkbox"/> Yes <input type="checkbox"/> No
Evidence that the proposed project is being developed in partnership or collaboration with one or more local community organization(s) and/or affordable housing providers in the area in which the project is located.	p. 19 – 20	<input type="checkbox"/> Yes <input type="checkbox"/> No
Evidence that the proposed project is being developed with support and in consultation with the community in which the project is located.	p. 20	<input type="checkbox"/> Yes <input type="checkbox"/> No
(*) If the project is seeking an exemption from the 10-subscriber minimum rule: supporting documents if needed.	p. 22	<input type="checkbox"/> Yes <input type="checkbox"/> No

Required Attachments for Exemptions	Reference Page Number	Attached?
If 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 and a copy of the request for bids (RFP, RFQ, or other bidding document) that is ready to be issued if project is granted conditional approval by the Board.	p. 22	<input type="checkbox"/> Yes <input type="checkbox"/> No
If 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. 11	<input type="checkbox"/> Yes <input type="checkbox"/> No





<p>If 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.</p> <p>⇒ 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>	p. 22	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>If the proposed community solar project plans to operate as a municipal opt-out project, contingent on the Board's approval the relevant proposed rules.</p> <p>⇒ Attach a copy of the municipal ordinance or resolution allowing the development, ownership, and operation an opt-out community solar project, contingent on the proposed rules being approved by the Board</p> <p>⇒ Attach an affidavit that the municipal project owner will comply with all applicable rules and regulations, particularly those relating to consumer privacy and consumer protection.</p>	p. 23  p. 24	<input type="checkbox"/> Yes <input type="checkbox"/> No  <input type="checkbox"/> Yes <input type="checkbox"/> 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 of 50 points total in order to be considered for participation in the Community Solar Energy Pilot Program. Projects that score above 50 points will be awarded program capacity in order, starting with the highest-scoring project and proceeding to the lowest-scoring project, until the capacity for each EDC territory is filled. The last project to be selected by the Board will be granted conditional approval for its full capacity.

Evaluation Criteria	Max. Points (total possible points: 100)
<b>Low- and Moderate-Income and Environmental Justice Inclusion</b> Higher preference: LMI project	25
<b>Siting</b> Higher preference, e.g.: landfills, brownfields, areas of historic fill, rooftops, parking lots, parking decks, canopies over impervious surfaces (e.g. walkway), former sand and gravel pits, floating solar on water bodies at sand and gravel pits that have little to no established floral and faunal resources (*) Medium preference, e.g.: floating solar on water bodies at water treatment plants that have little to no established floral and faunal resources (*) No Points, e.g.: preserved lands, wetlands, forested areas, farmland Bonus points for site enhancements, e.g. landscaping, land enhancement, pollination support (**) Bonus points if project is located in a redevelopment area or an economic opportunity zone (**) *Note: Applicants with a floating solar project must meet with DEP prior to submitting an Application, and take special notice of DEP's siting guidelines. <i>The siting criteria for floating solar located at sand and gravel pits that have little to no established floral and faunal resources has been moved from "medium preference" to "higher preference" per a Board Order dated January 7, 2021.</i> **Note: bonus points will only be available for projects in the "higher" or "medium" preference siting categories. Projects in the "No Points" siting categories are not eligible for bonus points.	20     Max. possible bonus points: 3  Max. possible bonus points: 2



<p><b>Community and Environmental Justice Engagement</b>          Higher preference: formal agreement, ongoing collaboration or effective partnership with municipality and/or local community organizations and/or affordable housing provider (per Section X, Questions 1, 2, and 3)          Medium preference: consultation with municipality and/or local community organization(s) and/or or affordable housing provider (per Section X, Question 4)          No Points: no collaboration or collaboration has not been proven</p>	15
<p><b>Product Offering</b>          Higher preference: guaranteed savings &gt;20%, flexible terms*          Medium preference: guaranteed savings &gt;10%, flexible terms*          Low preference: guaranteed savings &gt;5%          No Points: no guaranteed savings, no flexible terms*           *Flexible terms may include: no cancellation fee, short-term contract</p>	15
<p><b>Other Benefits</b>          Higher preference: Provides jobs and/or job training and/or demonstrates co-benefits (e.g. paired with storage, EV charging station, energy audits, energy efficiency)</p>	10
<p><b>Geographic Limit within EDC service territory</b>          Higher preference: municipality/adjacent municipality          Medium preference: county/adjacent county          No Points: any geographic location within the EDC service territory</p>	5
<p><b>Project Maturity</b>          Higher preference: project has received all non-ministerial permits; project has completed an interconnection study</p>	5



ELECTRIC | SOLAR | SECURITY

5 February 2021

New Jersey Clean Energy Program  
44 S Clinton Avenue  
Trenton NJ, 08609

#### List of Attachments

- Property Back Tax Certification (1 page)
- Delineated Map of Solar Facility (1 page)
- Deed of Property (4 pages)
- Structural Dead load allowance of rooftop subject to solar load as well as building drawings (8 pages)
- JCPL Screenshot of Hosting Capacity (1 page)
- Substantiating Evidence of Project Cost (1 page)
- Substantial Evidence of Site Enhancements (2 pages)
- Evidence of Partnership with LMI Experienced Organization (4 pages)
- Evidence of Consultation with the Community Where Project is Located (1 page)
- Interconnection Study (26 pages)

Brett Nolt  
Member  
Broadway Energy LLC.

**POWERFUL SOLUTIONS**



**MVE**  
G R O U P

Project Farmland Siting Certification

ELECTRIC | SOLAR | SECURITY

5 February 2021

New Jersey Clean Energy Program  
44 S Clinton Avenue  
Trenton NJ, 08609

To Whom It May Concern:

Please be informed that the land owner of the proposed community solar project located at 2035 State Route 57, Washington NJ, will be the owner of the proposed .99 MW solar PV system and agrees to pay all back taxes for (10) years of non-agricultural assessed land value prior to construction of the project and entrance into the community solar program. This is intended to reinstate the non-farmland nature of this site for development and would ask the board to treat it as such while reviewing this application

For further communication regarding this matter, please contact me at [brett@mvegroup.com](mailto:brett@mvegroup.com) or 717-875-8942.

Sincerely,

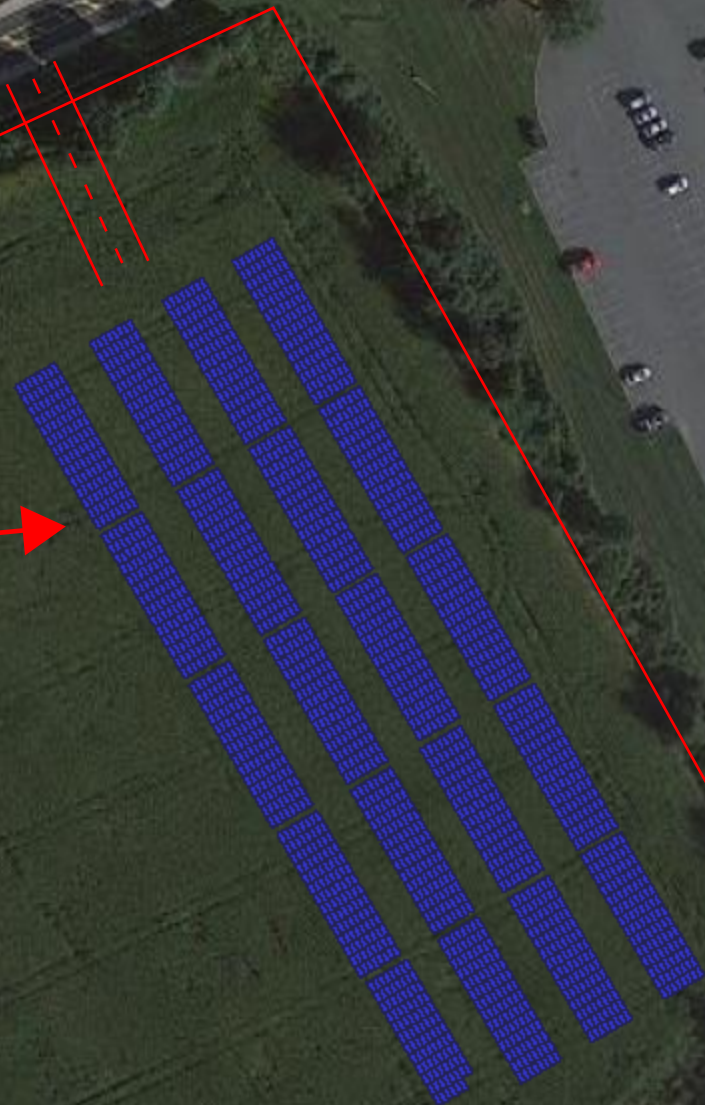
Brett Nolt  
Member  
Broadway Energy LLC.

POWERFUL SOLUTIONS



Delineated Map of Solar Facility

Exact layout is subject to change. Rooftop array is to be added on top of new 50,000 sq ft storage facility to be built.





Proof of Site Control

Prepared By:

  
RICHARD M. COHEN, ESQ.

# Deed

(Bargain and Sale Covenant by Grantor)

THIS DEED is made on December 6, 2018, between

Grantor 2035 & 2043 Route 57, LLC, whose address is 17 West Cliff Street, Somerville, NJ 08876

Grantee Broadway Energy LLC, whose address is 2010 West Main St. Ephrata, PA 17522

Consideration Three Hundred Thirty Thousand Dollars and 00/100 (\$330,000.00)

Conveyance The Grantor grants and conveys to the Grantee all of the land and all of the buildings and structures located on the land in the Township of Franklin, County of Warren, State of New Jersey, specifically described as follows:

Description See Schedule A attached

Street Address Route 57 West, Units #2035 & 2043, Franklin Township, NJ 08808

Lot and Block Lots 10 and 10.08 Block 16.01 Q0222

Deed Reference TRACT 1:(Block 16.01, Lot 10) Being the same land and premises which became vested in Lackland & Lackland, a General Partnership, by Deed from Lackland Properties I, a Limited Partnership, dated January 25, 1993 and recorded February 16, 1993 in the Warren County Clerk's Office in Deed Book 1304, Page 113.  
Also being the same land and premises which became vested in 2035 & 2043 Route 57, LLC by Deed from Lackland & Lackland, a Partnership, dated August 10, 2017 and recorded December 5, 2017 in the Warren County Clerk's Office in Deed Book 2814, page 11.

Tract 2: (Block 16.01, Lot 10.08) Being the same land and premises which became vested in Lackland Properties I, a Limited Partnership of the State of New Jersey, by Deed from Lackland Properties I, a Limited Partnership of the State of New Jersey, dated April 5, 1989 and recorded April 7, 1989 in the Warren County Clerk's Office in Deed Book 1141, Page 75.  
Also being the same land and premises which became vested in 2035 & 2043 Route 57, LLC by Deed from Lackland & Lackland, a Partnership, dated August 10, 2017 and recorded December 29, 2017 in the Warren County Clerk's office in Deed Book 2821, page 52.

## EXHIBIT "A"

LAND AND PREMISES situate in the Township of Franklin, County of Warren and State of New Jersey as follows:

TRACT 1: (Block 16.01, Lot 10)

BEGINNING at a point on the Southerly side line of New Jersey State Highway Route 57 where the same is intersected by the dividing line between Lot 10.08, Block 16.01, Township of Franklin in Tax Map on the West and Lot 10.09, Block 16.01, Township of Franklin Tax Map on the East, said point also being on the following three courses and distances from the intersection of the centerline of New Jersey State Highway route 57 with the centerline of Beldleman Road; thence

1. Along the said centerline of New Jersey State Highway Route 57 North 72 degrees 03 minutes 30 seconds East 430 feet to a point; thence
2. South 17 degrees 56 minutes 30 seconds East 33.00 feet to a point on the said Southerly side line of New Jersey State Highway Route 57 (33 feet South and at right angles from its centerline); thence
3. Along the same North 72 degrees 03 minutes 33 seconds East 406.26 feet to said beginning point and running; thence
1. Along the aforesaid dividing line between Lots 10.08 and 10.09, Block 16.01, South 17 degrees 56 minutes 30 seconds East 230.00 feet to a angle point; thence
2. Continuing along the same South 35 degrees 14 minutes 50 seconds East 204.92 feet to a point; thence
3. North 72 degrees 03 minutes 30 seconds East 281.10 feet to a point on the Westerly boundary line of Lot 9, Block 16.01, Township of Franklin Tax Map (lands n/f Warren Vocational School); thence
4. Along the same North 23 degrees 35 minutes 06 seconds West 427.72 feet to a point on said Southerly side line of New Jersey State Highway Route 57; thence
5. Along the same South 72 degrees 03 minutes 30 seconds West 300.00 feet to the point and place of beginning.

TRACT 2: (Block 16.01, Lot 10.08)

BEGINNING at a point on the Southerly side line of New Jersey State Highway Route 57 where the same is intersected by the dividing line between Lot 10.04, Block 16.01, Township of Franklin Tax Map on the West and Lot 10.08, Block 16.01, Township of Franklin Tax Map on the East, said point also being on the following two courses and distances from the intersection of the center line of New Jersey State Highway Route 57 with the center line of Beidleman Road; thence

- A. Along the said Southerly side line of New Jersey State Highway Route 57 (33 feet South and at right angles from its center line) North 72 degrees 03 minutes 30 seconds East 430 feet to a point; thence
- B. South 11 degrees 56 minutes 30 seconds East 33.00 feet to said beginning point and running; thence
1. Along the said Southerly side line of New Jersey State Highway Route 57 North 72 degrees 03 minutes 30 seconds East 406.26 feet to a point; thence
2. South 17 degrees 56 minutes 30 seconds East 230.00 feet to a point; thence
3. South 35 degrees 14 minutes 50 seconds East 204.92 feet to a point; thence
4. North 72 degrees 03 minutes 30 seconds East 281.10 feet to a point on the Westerly boundary line of Lot 9,

## EXHIBIT "A"

### LEGAL DESCRIPTION

(Continued)

Block 16.01, Township of Franklin Tax Map (lands n/f Warren Vocational School); thence

5. Along the same South 23 degrees 35 minutes 06 seconds East 302.57 feet to a point on the Northerly boundary line of Lot 10.03, Block 16.01, Township of Franklin Tax Map; thence

6. Along the same South 54 degrees 07 minutes 30 seconds West 509.06 feet to a point on the Easterly boundary line of Lot 10.07, Block 16.01, Township of Franklin Tax Map; thence

7. Along the same extended North 35 degrees 14 minutes 50 seconds West 604.88 feet to a point on the Northerly boundary line of Lot 10.05, Block 16.01, Township of Franklin Tax Map; thence

8. Along the same South 54 degrees 07 minutes 30 seconds West 119.63 feet to a point on the aforesaid dividing line between Lots 10.04 and 10.08; thence

9. Along the same North 17 degrees 56 minutes 30 seconds West 342.83 feet to the point and place of beginning.

TAX NOTE: Being known as Block 16.01, Lot 10 Q0222 & 10.08 Q0222 on the official tax map (For informational purposes only).

Covenant as to Grantor's Acts

The Grantor grants and covenants that the Grantor has done no act to encumber the land. This promise is called a "covenant as to grantor's acts" (N.J.S.A.46:4-6). This promise means that the Grantor has not allowed anyone to obtain any legal rights that affect the Property such as by making a mortgage or allowing a judgment to be entered against the Grantor.

Receipt of Consideration

The Grantor has received the full payment from the Grantee.

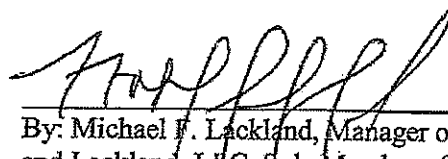
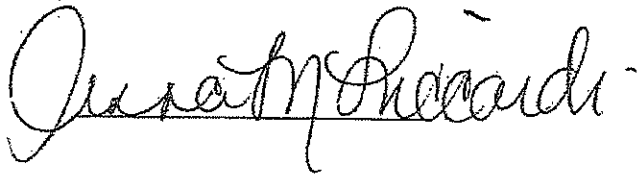
This conveyance is subject to all easements and restrictions of record, applicable zoning ordinances and the state of facts that an accurate survey would disclose.

Signature of Grantors

The Grantor signs this Deed on the date first above written.

Witnessed By:

2035 & 2043 Route 57, LLC



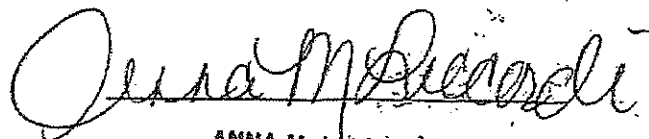
(Seal)

By: Michael F. Lackland, Manager of Lackland and Lackland, LLC, Sole Member of 2035 & 2043 Route 57, LLC

STATE OF NEW JERSEY ss:  
COUNTY OF SOMERSET

I CERTIFY that on December 16, 2018, Michael F. Lackland came before me in person and stated to my satisfaction that such person:

- (a) made the attached Deed;
- (b) was authorized to and did execute this Deed on behalf of 2035 & 2043 Route 57, LLC, the entity named in this Deed;
- (c) signed this instrument as the act of the entity; and
- (d) made this Deed for \$330,000.00 as the full and actual consideration paid or to be paid for the transfer of title, as defined in N.J.S.A. 46:15-5



ANNA M. LICCARDI  
NOTARY PUBLIC OF NEW JERSEY  
ID # 50035526  
My Commission Expires 4/4/2021

Substantiating evidence that the roof is structurally able to support a solar system

844-333-PEAK  
www.PeakSteelBuildings.com

706-342-9795 Office / 706-343-1968 Fax  
P.O. Box 1275, Madison, GA 30650



Purchase Order

Date: 02/04/2021

Name: Brett Nolt  
Address: 2035 State Route 57  
City, ST. Zip: Washington, NJ 07882  
Phone: (717) 875 - 8942 Phone: ( ) -  
Fax: ( ) -

Company: Broadway Energy LLC  
Ship to Address: 2035 State Route 57  
City, ST. Zip: Washington, NJ 07882  
County: Warren  
Email: brett@mvegroup.com

BUILDING SPECIFICATIONS

Width: 30' Length: 100' Eave Height: 8'-6" Roof Pitch: 1/2:12 Bay Spacing: Mixed / See Layout  
Building Code: IBC-2018 Live Load: 20 Ground Snow: 30 Wind Load: 114 Exposure: C Collateral Load: 0.5  
Frame Type: Gable Symmetrical Column Type: Straight Left Endwall: Non-Load Bearing Right Endwall: Non-Load Bearing  
Roof Panel: 26 GA PBR Color: Galvalume Wall Panel: 26 GA PBR Color: Color Trim Color: Color

NOTE: Stamped Anchor Bolt Drawings, Permit Drawings, and Erection Drawings certified for the City, County, and State listed above for which the building is shipping are included in proposed contract. This building will be manufactured to the codes and design loads stated above. It is the sole responsibility of the customer to verify these codes and design loads with your local building department. Labor, concrete, anchor bolts, and any other items not normally a part of a steel building, unless specifically provided for herein, are not a part of this contract.

BUILDING ACCESSORIES

TYPE	QTY	DESCRIPTION	
Insulation:	Total	Drip-X Roof Moisture Barrier / Factory Applied	Included
Walk Door:			
Walk Door:			
Windows:			
Light Panel:			
Rollup Door:	20	9' x 7' Commercial Mini Series 650 With Stainless Steel Latches	Included
Rollup Door:			
Framed Opening:	20	9' x 7' With Mullion Cover and Trim	Included
Framed Opening:			
Eave Cond:	Gutters & Downspouts	Base Cond: Base Clip	Included
Fasteners:	Lifetime Fasteners With Washers / Lifetime Roof and Wall Panel Warranty		Included
Misc:	Complete Sill and Closure Package / Partition Trim (no wall gaps)		Included
Misc:	All Framing on Building is Galvanized / No Red Iron		Included
Misc:	Stamped & Sealed Engineered Foundation Plan - Warren County NJ		Included

SPECIAL CONDITIONS

\*\*\*\*\* Unit Mix is 20 - 10' x 15' Units / See Layout \*\*\*\*\* Included  
\*\*\*\*\* Building Designed w/ 5# Roof Dead Load \*\*\*\*\* Included

PAYMENT TERMS:

\$ 6,600.00 Engineering Deposit  
\$ 26,400.00 Balance Due (Cashiers Check)

For Rooftop Solar Burden

FREIGHT: Included  
SALES TAX: N/A  
TOTAL: \$ 33,000.00  
This quote is valid for 15 DAYS

This contract, subject to the terms set forth above and on the reverse side hereof, constitutes the entire agreement between Peak Steel Buildings, LLC and the Buyer.

ACCEPTED BY BUYER:

*Brett Nolt*  
Buyer Date 02/04/2021

This contract becomes valid only after it has been signed and accepted by an Officer of Peak Steel Buildings, LLC.

PEAK STEEL BUILDINGS REPRESENTATIVE: Daniel Nation

CONTRACT ACCEPTED AND ENTERED BY:

PEAK STEEL BUILDINGS Officer Date 02/04/2021

**STRUCTURAL NOTES**

BUILDER / CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT PLANS AND SPECIFICATIONS COMPLY WITH APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITY.  
METAL BUILDING STRUCTURE DESIGNED PER THE FOLLOWING LOADING:

CODE:IBC 18  
WIND (MPH):114  
EXPOSURE:C  
ROOF SNOW LOAD (PSF):21  
GROUND SNOW LOAD (PSF): 30  
COLLATERAL LOAD (PSF):0.5  
SEISMIC: 0.35  
SEISMIC ZONE:B  
THERMAL COEFFICIENT: 1.00

DESIGN LOADS DESIGNATED WITHIN CONTRACT AND DRAWINGS DO NOT ALLOW FOR ANY TYPE OF SUSPENDED SYSTEM (E.G. LIGHTS, INSULATION, DUCT WORK, PIPING, ETC.). SUSPENSION OF ANY LOAD INCLUDING SYSTEM IS EXPLICITLY PROHIBITED UNLESS A CORRESPONDING REDUCTION IN CERTIFIED LIVE/SNOW LOADS CAN BE PERMITTED BY CODE.

DESIGN AND SPECIFICATION OF BASE STEEL TO CONCRETE SLAB ANCHORING IS NOT THE RESPONSIBILITY OF THE BUILDING MANUFACTURER.

BUILDING MANUFACTURER ASSUMES NO RESPONSIBILITY FOR CONCRETE SLAB FOUNDATION DESIGN, THICKNESS, MATERIALS, SITE SOIL CONDITIONS OR OTHER CONCRETE/MASONRY CONSTRUCTION.

ALL STRUCTURAL CONNECTIONS ARE TO BE MADE PER FASTENING DETAILS PRESENTED HEREIN. ALL STEEL FRAMING AND SHEETING MATERIALS MUST BE INSTALLED TO VERTICAL PLUMB AND HORIZONTALLY LEVEL.

THE BUILDING MANUFACTURER AND THE PROFESSIONAL ENGINEER SEALING THESE DRAWINGS ARE NOT THE PROFESSIONAL ENGINEER OF RECORD FOR THE ENTIRE PROJECT. THE PROFESSIONAL ENGINEER'S SEAL PERTAINS ONLY TO THE STRUCTURAL DESIGN OF THE METAL BUILDING SYSTEM. IT DOES NOT APPLY TO THE FOUNDATION SYSTEM, MASONRY DESIGN OR ANY OTHER ASPECT OF THE PROJECT UNLESS SPECIFICALLY STATED IN THESE DOCUMENTS.

**JOB SITE / FIELD CONDITIONS NOTES:**

BUILDING MANUFACTURER ASSUMES NO RESPONSIBILITY FOR ANY LOADS TO STRUCTURE NOT INDICATED AT THE TIME OF PURCHASE. ANY ALTERATIONS TO THE STRUCTURAL SYSTEM, REMOVAL OF ANY COMPONENT PARTS OR THE ADDITION OF OTHER CONSTRUCTION MATERIALS OR LOADS MUST BE DONE UNDER THE DIRECTION OF REGISTERED ARCHITECT, CIVIL OR STRUCTURAL ENGINEER.

ALL CONCRETE AND MASONRY CONSTRUCTION MUST BE FLAT, LEVEL AND SQUARE PER THE SLAB PLAN DIMENSIONS HEREIN.

ALL JOBSITE DIMENSIONS AND CONDITIONS SHALL BE FIELD VERIFIED BEFORE ERECTION OF BUILDING STRUCTURE.

ALL OMISSIONS, CONFLICTS AND DISCREPANCIES SHALL BE REPORTED TO THE BUILDING MANUFACTURER BEFORE PROCEEDING WITH PROJECT WORK.

ALL TEMPORARY SUPPORTS SUCH AS CLYS, BRACES, FALSEWORK, CRIBBING, WINDBRACES OR OTHER ELEMENTS REQUIRED FOR THE BUILDING ERECTION ARE TO BE DETERMINED BY AND SUPPLIED BY BUILDER/CONTRACTOR.

BUILDING MANUFACTURER HAS MADE A COMMITMENT TO MANUFACTURE QUALITY BUILDING COMPONENTS THAT CAN BE SAFELY ERECTED. JOB SITE SAFETY INSTRUCTION, SAFETY EQUIPMENT AND CONDITIONS ARE THE RESPONSIBILITY OF THE BUILDER/CONTRACTOR.

ALL COMPONENTS SHIPPED SHALL BE THOROUGHLY INSPECTED AND ACCOUNTED FOR AT THE TIME OF DELIVERY. ALL MATERIAL SHORTAGES OR DEFECTS MUST BE REPORTED WITHIN FIVE (5) WORKING DAYS OF MATERIAL DELIVERY TO THE BUILDING MANUFACTURER.

DIAPHRAGM ACTION OF THE METAL PANELS AT INTERIOR PARTITION WALLS IS UTILIZED FOR THE STABILITY OF THIS BUILDING. ANY MODIFICATION OR UNAUTHORIZED CUTTING OF INTERIOR PARTITION PANELS IS EXPRESSLY PROHIBITED BY THE BUILDING MANUFACTURER.

PARTITION PANELS HAVE BEEN SUPPLIED TO REACH ROOF LINE. THE TOP PARTITION PANEL CAN BE NOTCHED TO MATCH ROOF LINE AND CLEAR PURLIN LEG TO CLOSE IN THE UNIT AS DESIRED.

**INSTALLATION NOTES:**

FIELD CUTTING OF STRUCTURAL SHEETING AND TRIMS FOR SPlice AND FINAL FITTING OF COMPONENTS IS REQUIRED.

ALL ROOF PANEL LAPS SHALL BE SEALED WITH 3/8" (MINIMUM) WIDTH MASTIC TAPE AS PROVIDED FOR PROJECT. ALL SHEET PROFILE FOAM CLOSURES AT EAVE, WALL AND RIDGE CONDITIONS AS PROVIDED FOR PROJECT MUST BE INSTALLED AS SHOWN HEREIN.

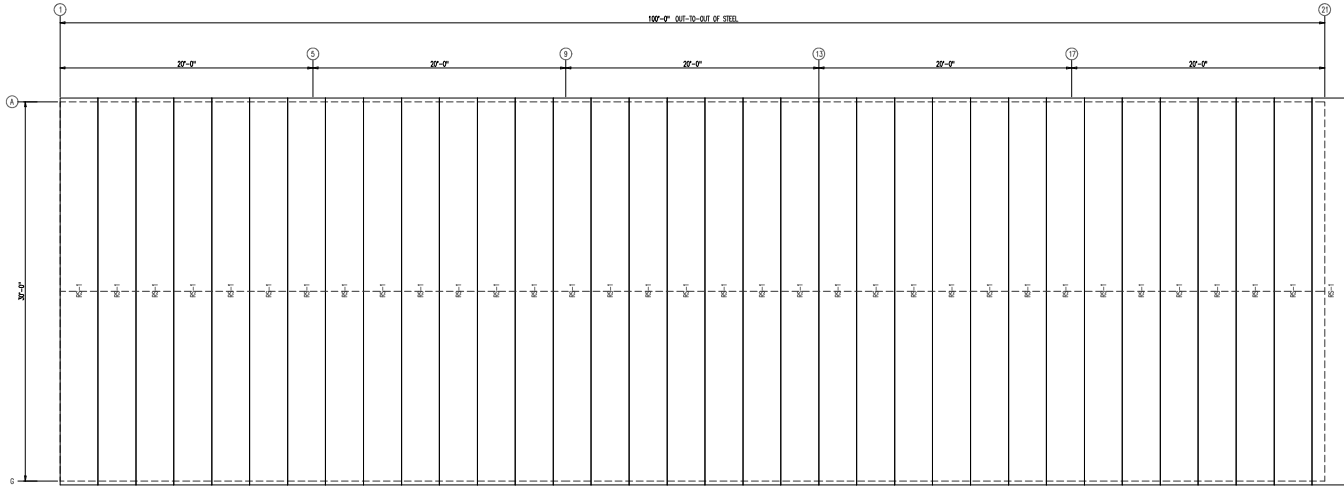
WALL PANELS AND WALL TRIMS, AT INTERIOR AND EXTERIOR, ARE TO BE SET WITH 1/4" CLEARANCE ABOVE CONCRETE SURFACES AND AT ANY LOCATIONS WHICH MAY BE SUBJECTED TO CONTACT WITH STANDING WATER.

LAP ALL FLASHINGS 2" MINIMUM AND SEAL AS REQUIRED FOR WATER TIGHTNESS

ALLOW 1/4" TOLERANCE AT EACH END FOR PURLINS, HEADERS AND GIRTS.

**DRAWING INDEX**

A1	LEAD SHEET, GENERAL NOTES, SCHEDULES, ROOF PLAN
A2	ELEVATIONS
A3	ELEVATIONS
A4	ELEVATIONS
A5	SLAB LAYOUT
A6	STUD LAYOUT
A7	UNIT LAYOUT
A8	REACTIONS



ROOF SHEETING & TRIM  
PANELS: 26 Ga. R. - Galvalume Plus

**KEY PLAN**  
not to scale

CLOSURE NOTE:  
(-) INSIDE CLOSURES INCLUDED FOR LOW EAVE.  
INSTALL BTR TAPE ON TOP AND BOTTOM OF INSIDE CLOSURE (SEE DETAILS AND INSTALLATION GUIDE)  
(-) INSIDE CLOSURES INCLUDED FOR BASE OF EXTERIOR WALL PANELS.  
(-) OUTSIDE CLOSURES INCLUDED FOR RAKE.  
(-) OUTSIDE CLOSURES INCLUDED FOR ROOF AND WALL OF HIGH EAVE.

**STANDARD ABBREVIATIONS**

AFF	ABOVE FINISHED FLOOR	BO	BORNE BY OTHERS	CO	ON CENTER
APP	APPROXIMATE	FDN	FOUNDATION	OD	OUTSIDE DIAMETER
BLK	BLOCK	FRZ	FRIEDRICH	OP	OPPOSITE HAND
BLU	BLOCK	FBS	FACE OF BLOCK OR BRICK	OPP	OPPOSITE
BM	BEAM	FOS	FACE OF STEEL	PTN	PARTITION
BT	BOTTOM	FT	FOOT OR FEET	RAD	RADIUS
BLKS	BLOCKS	FTG	FOOTING	REF	REFERENCE
CA	CENTERLINE	GA	GALVALUME	REQD	REQUIRED
CJ	CAULK JOINT	GALV	GALVANIZED	REF	REINFORCED
CL	CLEARANCE	GEN	GENERAL CONTRACTOR	RUSH	RUSH OPENING
COL	COLUMN	GRND	GROUND	SECT	SECTION
CON	CONCRETE	HORZ	HORIZONTAL	SQ	SQUARE
CTR	CENTER	GWB	GYP/PSUM WALL BOARD	SIM	SIMILAR
DBL	DOUBLE	HOB	HORIZONTAL BOARD	STD	STANDARD
DET	DETAIL	ID	INSIDE DIAMETER	STD	STEEL
DM	DIAMETER	INSUL	INSULATION	TOP	TOP OF BEAM
DWG	DRAWING	INT	INTERIOR	TOP	TOP OF CONCRETE
DW	DIMENSION	INT	INTERIOR	TCS	TOP OF STEEL
DR	DOOR	INFO	INFORMATION	TOP	TOP OF WALL
EA	EACH	JNT	JOINT	TS	TUBE STEEL
EXT	EXTERIOR	MAX	MAXIMUM	TYP	TYPICAL
EXP	EXPANSION JOINT	MIN	MINIMUM	UNO	UNLESS NOTED OTHERWISE
EV	ELEVATION	MISC	MISCELLANEOUS	VAR	VARIABLES
EXIST	EXISTING	MTL	METAL	VRT	VERTICAL
EXP	EXPANSION	NIC	NOT IN CONTRACT	VT	VERTICAL IN FIELD
EXT	EXTERIOR	NTS	NOT TO SCALE	WD	WITHOUT
EXTS	EXTERIOR INSULATION	NO	NOT APPLICABLE	WT	WEIGHT
FIN	FINISH SYSTEM	NR	NUMBER	WT	WEIGHT
EOS	EDGE OF SLAB	OA	OVERALL		

**STRUCTURE ABBREVIATIONS**

(BA)	- 84216R 4 X 2 X 16GA. ANGLE (5.9)	- FLOOR BASE ANGLE
(BC)	- U4251E2 4 1/8 X 2 7/8 X 16GA. CHANNEL (9.9)	- FLOOR BASE CHANNEL
(C4)	- C4216R 4 X 2 X 16GA. CEE (8.9)	- 4" COLUMN
(C6)	- C62516R 6 X 2 1/2 X 16GA. CEE (11.9)	- 6" COLUMN
(D6)	- C4216R 4 X 2 X 16GA. CEE (8.9)	- DOOR HEAD
(D4)	- C43516R 4 X 3 1/2 X 16GA. CEE (11.9)	- DOOR JAMB
(EC)	- U4216R 4 1/8 X 2 3/8 X 16GA. CHANNEL (8.9)	- EAVE CHANNEL
(ES)	- E64316R 4 X 6 X 3 X 16GA. STRUT (13.9)	- EAVE STRUT
(FC)	- AS MANUFACTURED	- FLOOR CLIP
(G)	- C4216R 4 X 2 X 16GA. CEE (8.9)	- GIRT
(HA)	- 84216R 4 X 2 X 16GA. ANGLE (5.9)	- HALL TOP ANGLE
(HR)	- C4216R 4 X 2 X 16GA. CEE (8.9)	- DOOR HEAD REINFORCEMENT
(A6)	- C62516R 6 X 2 1/2 X 16GA. CEE (11.9)	- JACK RAFTER
(M)	- C12416R 12 X 4 X 16GA. CEE (20.9)	- MULLION
(MC)	- 84216R 4 X 2 X 2" LONG 16GA. ANGLE (5.9)	- MIN CLIP
(P4)	- 242516R 2 1/2 X 4 X 2 1/2 X 16GA. ZEE (9.9)	- ROOF PURLIN
(P6)	- 282516R 2 1/2 X 6 X 2 1/2 X 16GA. ZEE (11.9)	- ROOF PURLIN
(P8)	- 282516R 2 1/2 X 8 X 2 1/2 X 16GA. ZEE (13.9)	- ROOF PURLIN
(PA)	- 84216R 4 X 2 X 16GA. ANGLE (5.9)	- PARTITION ANGLE
(RA)	- 84216R 4 X 2 X 16GA. ANGLE (5.9)	- RAKE ANGLE
(RS)	- E64316R 4 X 6 X 3 X 16GA. STRUT (13.9)	- RIDGE STRUT

**SHEETING ABBREVIATIONS**

(M)	- 29GA. W-LOC WALL PANEL
(NL)	- 29GA. R-LOC WALL PANEL
(PL)	- 29GA. PANEL-LOC WALL PANEL
(RR)	- 26GA. PBR ROOF PANEL
(RW)	- 26GA. PBR WALL PANEL
(CL)	- 24GA. CENTRAL-LOC SSR 24" ROOF PANEL
(CL-200)	- SSR LOW FIXED CLIP

**FASTENER ABBREVIATIONS**

(F1)	- 1/2" X 2 3/4" CONC. EXPANSION ANCHOR	- BASE TO SLAB CONNECTIONS
(F2)	- 12 X 1 SELF-DRILLING TEK (PLTD)	- STRUCTURAL STEEL CONNECTIONS
(F3)	- 12 X 1 SELF-DRILLING TEK (PLTD)	- PARTITION SHEETING
(F4)	- 12 X 2 SELF-DRILLING TEK (PLTD)	- PARTITION ANGLE CONNECTIONS
(F5)	- 12 X 1 1/4 WASHER TEK (PTD)	- EXTERIOR WALL SHEETING
(F6)	- 12 X 1 1/4 WASHER ZAC (PTD)(PLTD)	- ROOF SHEETING
(F7)	- 12 X 1 1/4 WASHER TEK (PTD)	- EXTERIOR TRIM DRILLER
(F8)	- 12 X 7/8 WASHER TEK (PTD)	- EXTERIOR WALL PANEL LAP
(F9)	- 12 X 7/8 WASHER ZAC (PTD)(PLTD)	- ROOF PANEL LAP
(F10)	- 12 X 7/8 WASHER TEK (PTD)	- EXTERIOR TRIM LAP
(F11)	- 1/8 POP RIVET	- EXTERIOR TRIM
(F12)	- 12 X 1 1/4 WASHER TEK (PTD)	- INTERIOR WALL SHEETING
(F13)	- 12 X 1 1/4 WASHER TEK (PTD)	- INTERIOR TRIM DRILLER
(F14)	- 12 X 7/8 WASHER TEK (PTD)	- INTERIOR WALL PANEL LAP
(F15)	- 12 X 7/8 WASHER TEK (PTD)(PLTD)	- INTERIOR TRIM LAP
(F17)	- 1/4"-14 X 1" SDS W/ WASHER #1(PLTD)	- "CL" CLIP/STRUCTURE CONNECTIONS
(F18)	- 1/4"-14 X 1 1/4" SDS ZAC W/WASHER #1E(PTD)(PLTD)	- "CL" ROOF DRILLER
(F19)	- 1/4"-14 X 1 1/4" SDS ZAC W/WASHER #4(PTD)(PLTD)	- "CL" ROOF LAP
(F20)	- 1/4"-14 X 1 1/4" SDS ZAC W/WASHER #1E(PTD)(PLTD)	- "CL" TRIM DRILLER
(F21)	- 1/4"-14 X 7/8" SDS ZAC W/WASHER #4(PTD)(PLTD)	- "CL" TRIM LAP

**TRIM ABBREVIATIONS**

(BTR)	- 7/8" ROLL MASTIC	(CB)	- INSIDE CORNER BOX
(CLN)	- R PANEL INSIDE FOAM CLOSURE	(CA)	- DOOR JAMB TRIM
(CLOUT)	- R PANEL OUTSIDE FOAM CLOSURE	(CC)	- DOOR JAMB COVER TRIM
(GEOSL)	- GUTTER SEAL	(MC)	- DOOR MULLION COVER TRIM
(NL)	- R PANEL INSIDE CORNER TRIM	(OCB)	- OUTSIDE CORNER BOX
(OJ)	- R PANEL OUTSIDE CORNER TRIM	(PB)	- PEAK BOX
(CM)	- DOOR CORNER MULLION TRIM	(REND)	- RAKE TRIM END CAP
(CK)	- DOWNSPOUT WITH KICK OUT	(RT)	- RAKE TRIM
(DSS)	- DOWNSPOUT STRAP	(TI)	- ROOF TIE IN TRIM
(EF)	- EAVE FLASHING	(TR)	- ROOF STEP TRANSITION FLASHING
(FRC)	- FORMED RIDGE CAP	(ASP)	- 40Z TOUCH UP SPRAY PAINT
(GE)	- GUTTER END CAP		
(GS)	- GUTTER HANGER STRAP		
(GU)	- GUTTER		
(HC)	- DOOR HEAD COVER TRIM		
(HO)	- DOOR HEAD TRIM		
(HT)	- HALL TOP TRIM		

APPROVAL	2/7/21
PRINTS ISSUED FOR	BY
DATE	

CONFIDENTIAL AND PROPRIETARY INFORMATION  
THESE DRAWINGS ARE THE SOLE AND EXCLUSIVE PROPERTY OF NOT BRET BUILDINGS. ALL RIGHTS ARE RESERVED. NO PART OF THESE DRAWINGS MAY BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT WRITTEN PERMISSION FROM THE BUILDING MANUFACTURER. ALL RIGHTS ARE RESERVED. COPIES MUST BE RETURNED UPON DEMAND.

PROJECT: NotBrett  
SIZE: 30.0 x 100.0 x 8.5  
CITY: Washington  
STATE: NJ

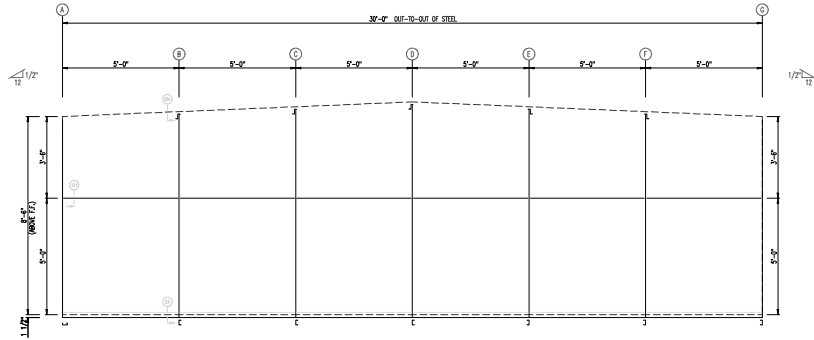
**PEAK STEEL BUILDINGS**  
PO Box 1275  
Madison, GA 30680  
Phone: 844-999-7265  
Fax: 706-949-1898

JOB ID: 13910

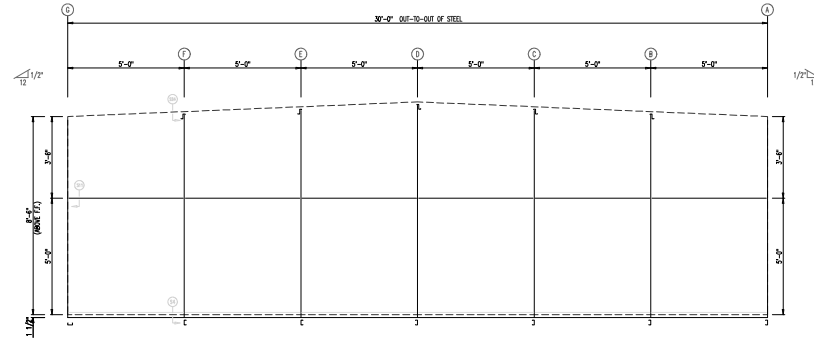
Sheet

A1

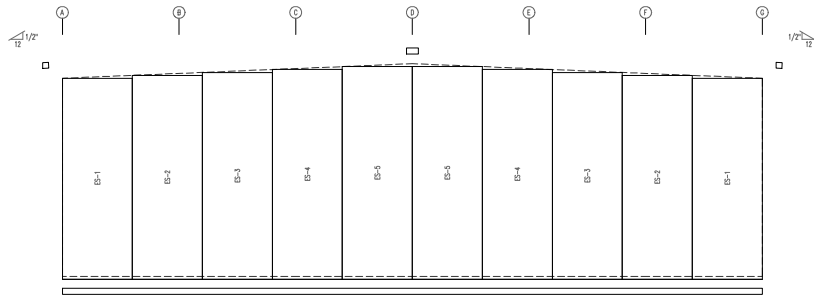




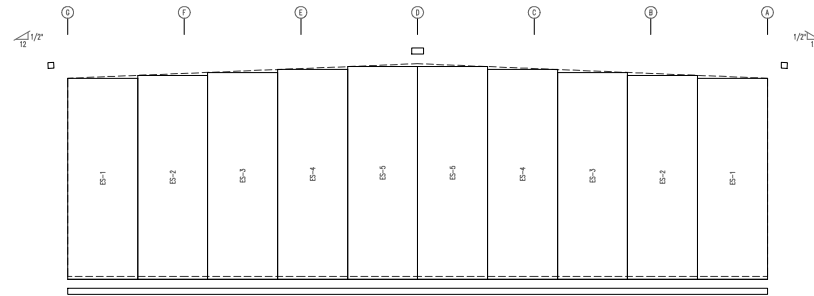
ENDWALL FRAMING FRAME LINE: 1



ENDWALL FRAMING FRAME LINE: 21



ENDWALL SHEETING & TRIM FRAME LINE: 1  
PANELS: 28 GA. RL - NEED COLOR



ENDWALL SHEETING & TRIM FRAME LINE: 21  
PANELS: 28 GA. RL - NEED COLOR

APPROVAL	PRINTS ISSUED FOR	BY	DATE
			2 / 4 / 21

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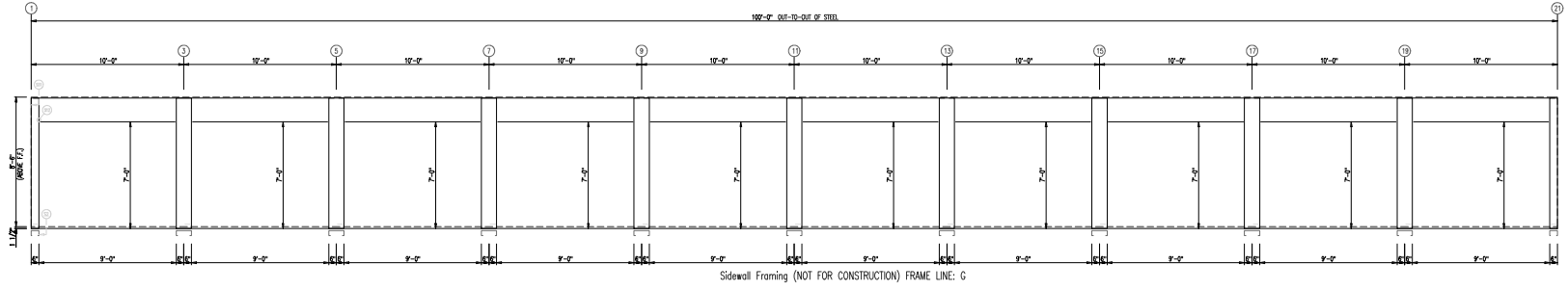
PROJECT: NotBrett  
 SIZE: 30.0 x 100.0 x 8.5  
 CITY: Washington  
 STATE: NJ

**PEAK STEEL BUILDINGS**  
 PO Box 1276  
 Madison, GA 30650  
 Phone: 844-333-7326  
 Fax: 706-345-1066

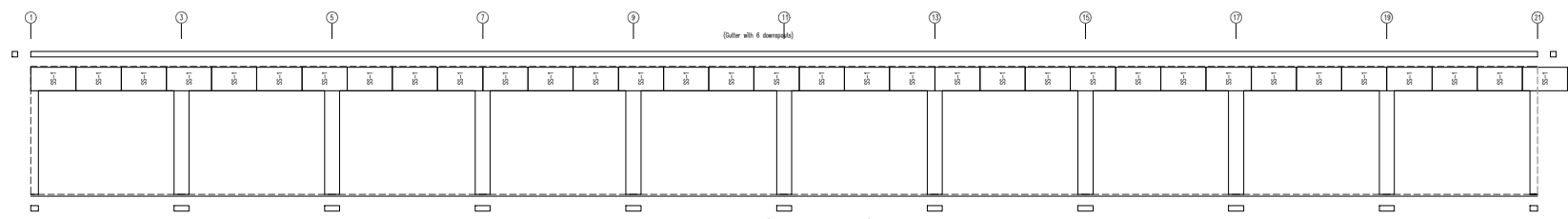
JOB ID: 13910

Sheet

A2



Sidewall Framing (NOT FOR CONSTRUCTION) FRAME LINE: C



Sidewall Sheeting (NOT FOR CONSTRUCTION) & TRIM FRAME LINE: C  
PANELS: 20 Ga. R. - NEED COLOR

APPROVAL	PRINTS ISSUED FOR	BY	DATE
			2 / 4 / 21

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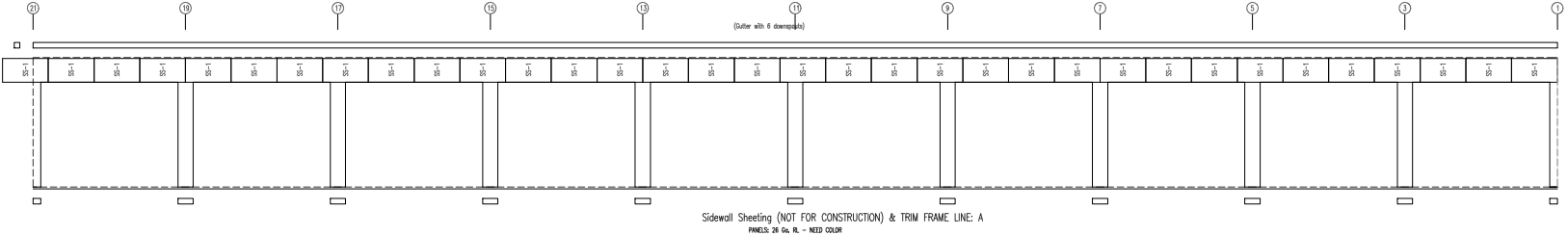
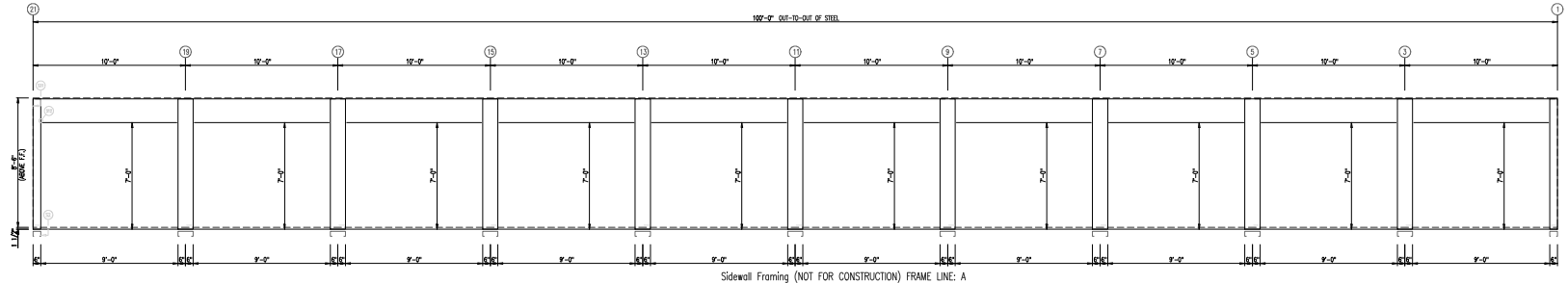
PROJECT: NotlBrett  
 SIZE: 30.0 x 100.0 x 8.5  
 CITY: Washington  
 STATE: NJ

**PEAK STEEL BUILDINGS**  
 PO Box 1276  
 Madison, GA 30650  
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 Fax: 706-345-1066

JOB ID: 13910

Sheet

A3



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			2 / 4 / 21

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PROJECT: NotBrett  
 SIZE: 30.0 x 100.0 x 8.5  
 CITY: Washington  
 STATE: NJ

**PEAK STEEL BUILDINGS**  
 PO Box 1276  
 Madison, GA 30650  
 Phone: 844-333-7326  
 Fax: 706-345-1066

JOB ID: 13910

Sheet

A4



**PEAK STEEL BUILDINGS**  
 PO Box 1276  
 Madison, GA 30650  
 Phone: 844-333-7326  
 Fax: 706-345-1066

JOB ID: 13910

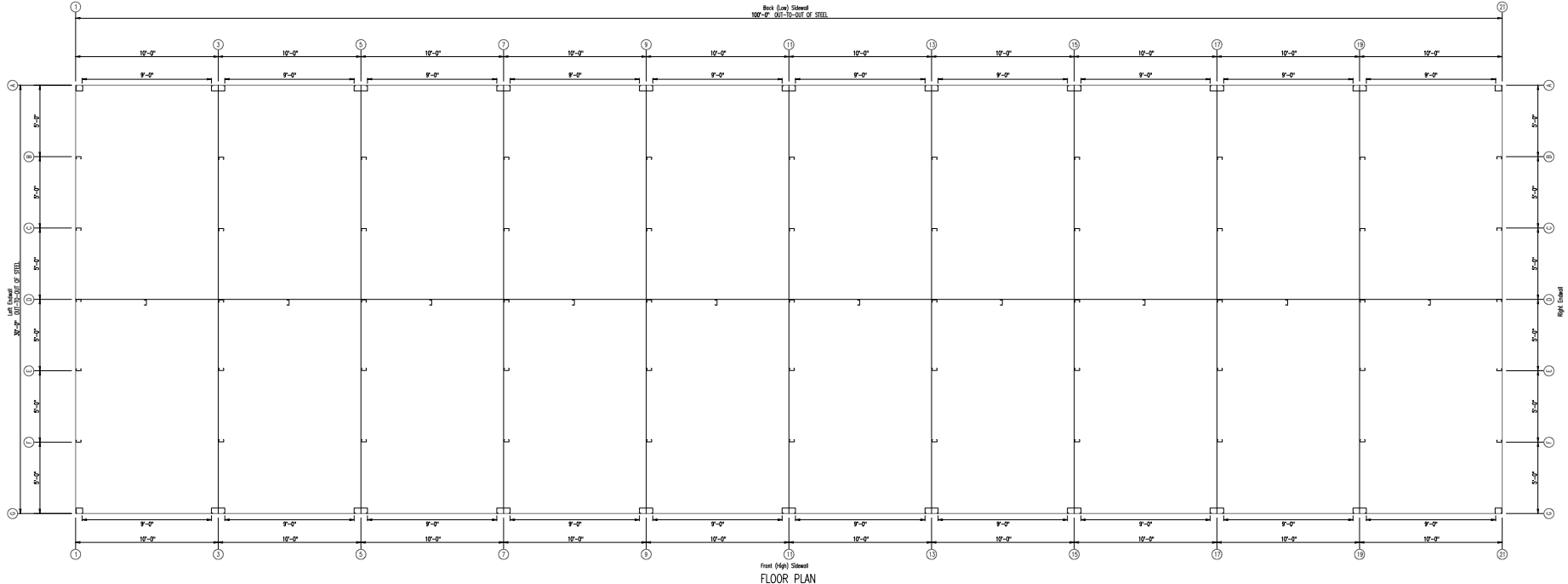
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A5

PROJECT: NoltBrett  
 SIZE: 30.0 x 100.0 x 8.5  
 CITY: Washington  
 STATE: NJ

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APPROVAL	PRINTS ISSUED FOR	BY	DATE
			2 / 4 / 21



Front (A-J) Sides  
**FLOOR PLAN**

Back (K-L) Sides  
 100'-0" OUT-TO-OUT OF STEEL

Left (K-L) Sides  
 100'-0" OUT-TO-OUT OF STEEL

Right (A-J) Sides

**PEAK STEEL BUILDINGS**  
 PO Box 1276  
 Madison, GA 30650  
 Phone: 844-333-7326  
 Fax: 706-345-1066

JOB ID: 13910

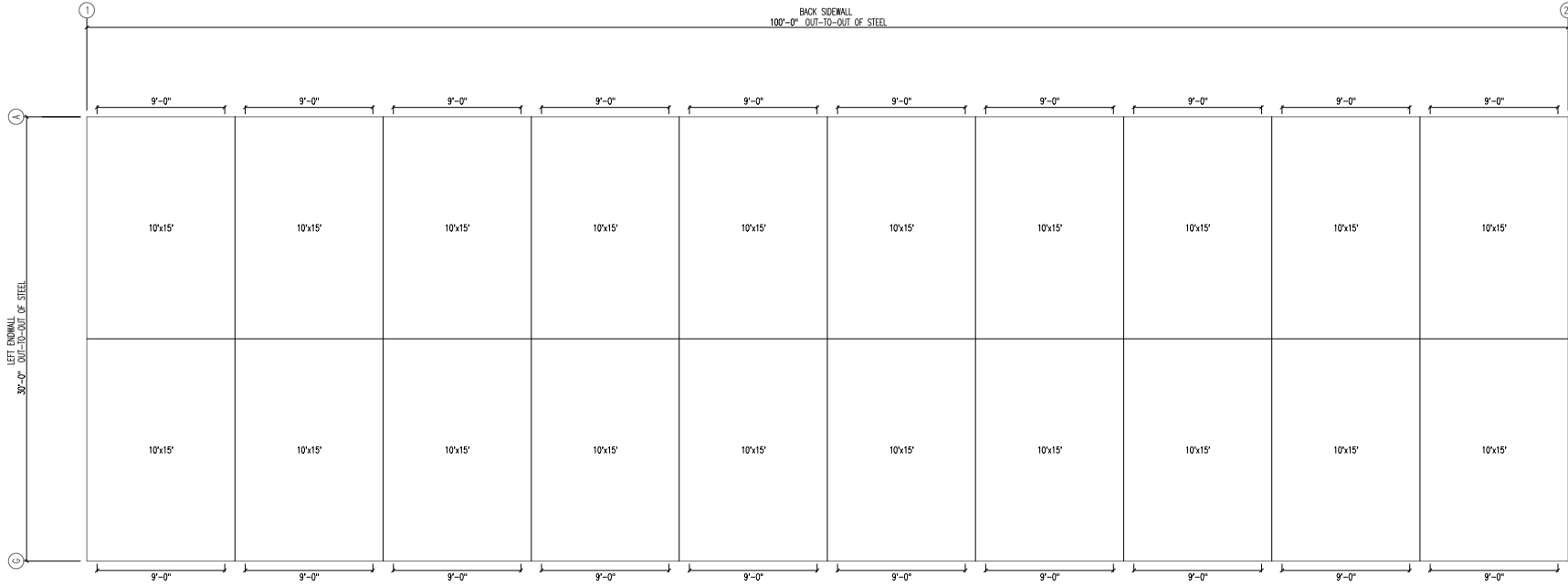
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A6

PROJECT: NotBrett  
 SIZE: 30.0 x 100.0 x 8.5  
 CITY: Washington  
 STATE: NJ

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 APPROVAL: \_\_\_\_\_  
 PRINTS ISSUED FOR: \_\_\_\_\_

DATE: 2/4/21  
 BY: \_\_\_\_\_



FRONT SIDEWALL  
FLOOR PLAN

RIGHT ENDWALL

**PEAK STEEL BUILDINGS**  
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 Madison, GA 30650  
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JOB ID: 13910

Sheet

A7

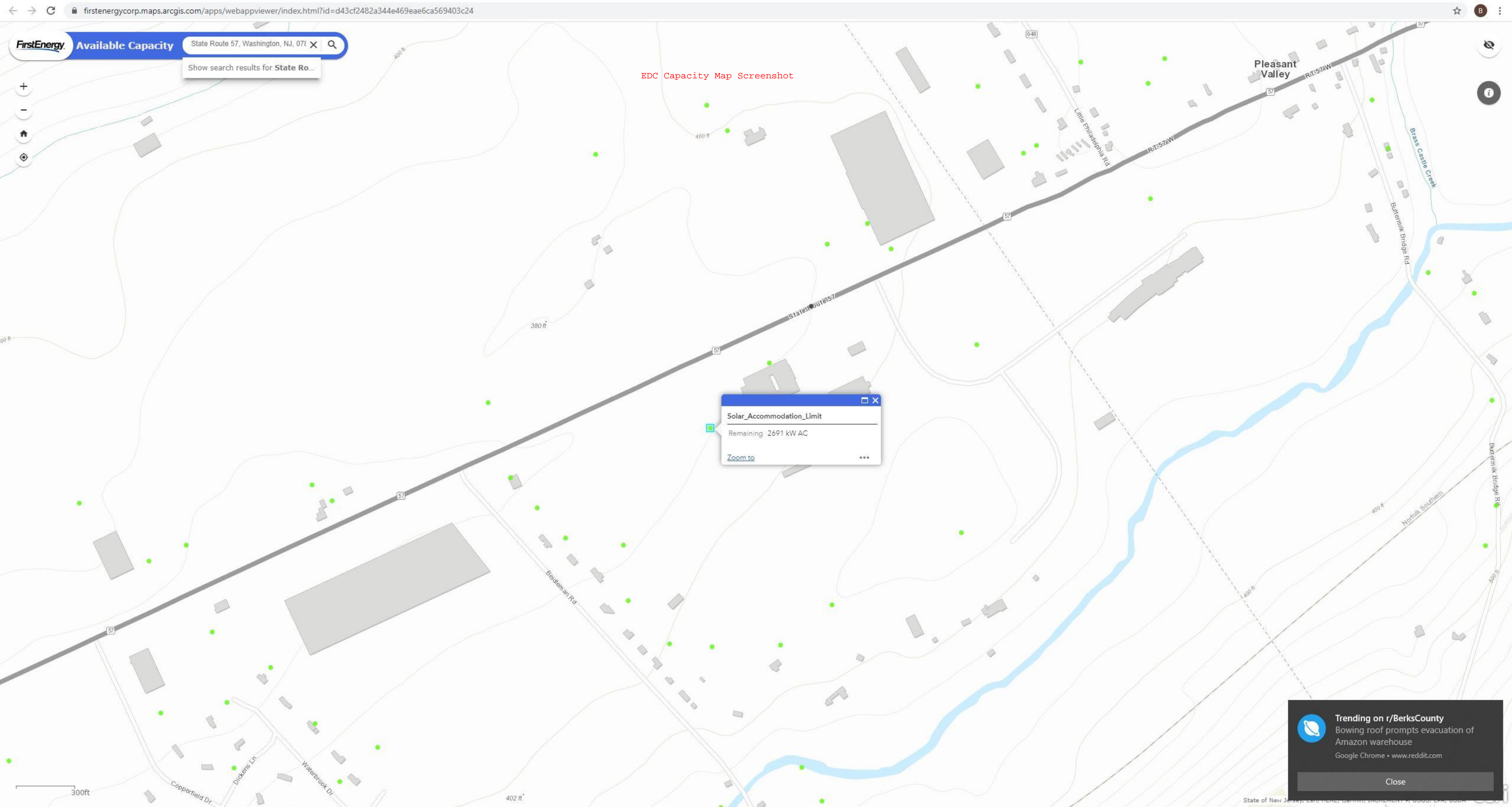
PROJECT: NotBrett  
 SIZE: 30.0 x 100.0 x 8.5  
 CITY: Washington  
 STATE: NJ

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APPROVAL	DATE
	2 / 4 / 21
PRINTS ISSUED FOR	BY



EDC Capacity Map Screenshot



Solar\_Accommodation\_Limit

Remaining 2691 kW AC

[Zoom to](#)

Trending on r/BerksCounty

Bowing roof prompts evacuation of Amazon warehouse

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Close

300ft

402 ft

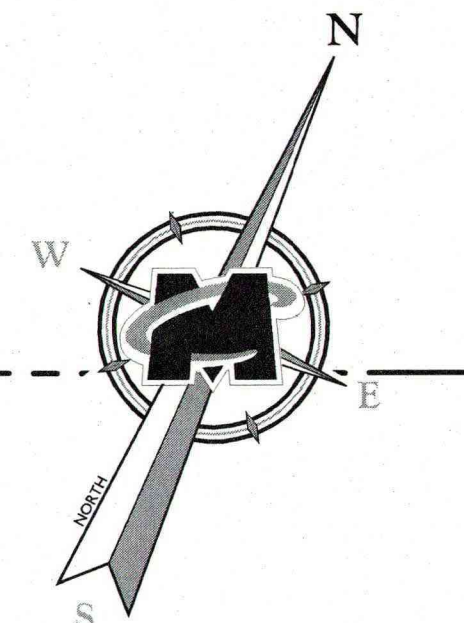
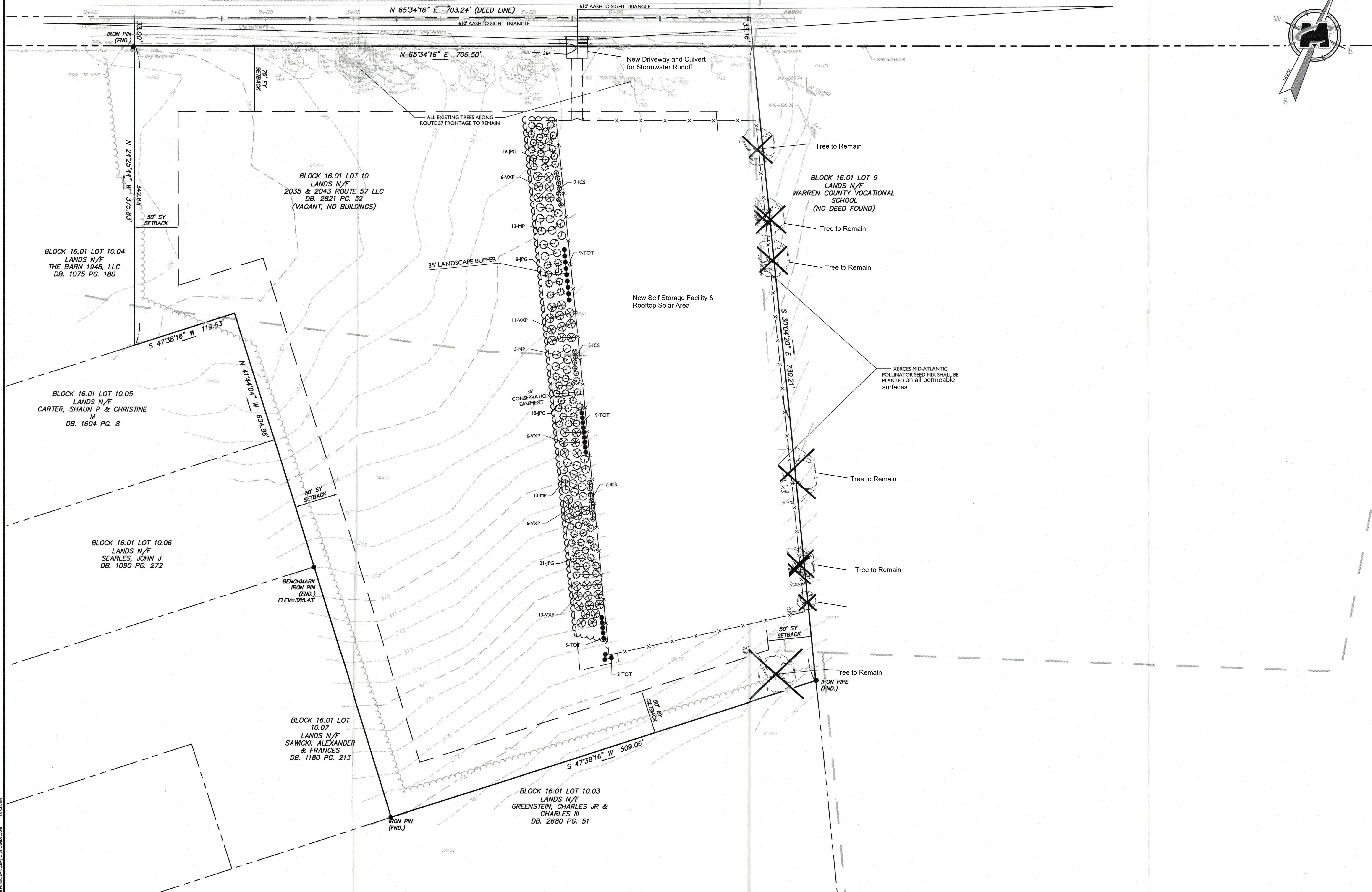
## Substantiating Evidence of Project Cost

GREY EQUALS FIELDS ARE EDITABLE						
Project Name:		Broadway Solar		<input checked="" type="radio"/> Turn Key <input type="radio"/> NON Turn Key		
Estimator:		Brett Nolt				
Customer:		Broadway Energy LLC				
Project Site Address:		2035 State Route 57, Washington NJ 07882		<a href="#">Click Here for Directions</a>		
System Wattage	999,000					
Module Size in Watts	450					
Prevailing Wage Project	<input type="checkbox"/> YES					
Labor Cost	\$40.00					
Labor Per Module	1.60					
Disatance from Shop to Project (ONE WAY in MIN.)	110					
Is the Project Greater Than 1.5 hrs. from the Shop?	<input checked="" type="checkbox"/> YES					
Per Deim Amount Per Night	\$151.00		<a href="#">Click Here for Per Diem Rates</a>			
Estimated Project Duration in Weeks	12.0					
Total Paid Hours for Week	44.0					
Total Modules	2,220					
Estimated Hours Excluding Travel	3,552					
Average Project Working Hours On Site	40.33					
Estimated Travel Hours	298					
Average Crew Size	7.34					
Total Project Hours	3,850					
Sales Tax	7%		<input type="radio"/> No Tax <input checked="" type="radio"/> NJ <input type="radio"/> MD <input type="radio"/> PA <input type="radio"/> DC <input type="radio"/> DE			
Item	Cost per watt	Tax	Total per watt	Total Cost	Sell Price	
Modules	<input type="checkbox"/> Taxable Item \$0.3700			\$369,630	\$456,333.3	
Racking	<input type="checkbox"/> Taxable Item \$0.1050			\$104,895	\$129,500.0	
Ballast Blocking	<input checked="" type="checkbox"/> Taxable Item \$0.0000	\$0.0000	\$0.0000	\$0	\$0.0	
Slip Sheets	<input checked="" type="checkbox"/> Taxable Item \$0.0000	\$0.0000	\$0.0000	\$0	\$0.0	
Inverters	<input type="checkbox"/> Taxable Item \$0.0850			\$84,915	\$104,833.3	
Communication	<input checked="" type="checkbox"/> Taxable Item \$0.0120	\$0.0008	\$0.0128	\$12,827	\$15,836.0	
Service Interconnect	<input checked="" type="checkbox"/> Taxable Item \$0.0000	\$0.0000	\$0.0000	\$0	\$0.0	
Switchboard	<input checked="" type="checkbox"/> Taxable Item \$0.0450	\$0.0032	\$0.0482	\$48,102	\$59,385.0	
Service Wire	<input checked="" type="checkbox"/> Taxable Item \$0.0000	\$0.0000	\$0.0000	\$0	\$0.0	
MISC. Electrical	<input checked="" type="checkbox"/> Taxable Item \$0.0500	\$0.0035	\$0.0535	\$53,447	\$65,983.3	
Trenching	<input checked="" type="checkbox"/> Taxable Item \$0.0000	\$0.0000	\$0.0000	\$0	\$0.0	
MVE Design	<input checked="" type="checkbox"/> Taxable Item \$0.0100	\$0.0007	\$0.0107	\$10,689	\$13,196.7	
First Energy Infrastructure Upgrades	<input checked="" type="checkbox"/> Taxable Item \$0.0500	\$0.0035	\$0.0535	\$53,447	\$65,983.3	
Other	<input checked="" type="checkbox"/> Taxable Item \$0.0000	\$0.0000	\$0.0000	\$0	\$0.0	
PE Stamp	\$0.0020			\$2,000	\$2,469.1	
Utilities	\$0.0013			\$1,250	\$1,543.2	
Equipment Rental	\$0.0075			\$7,500	\$9,259.3	
Permit	\$0.0200			\$20,000	\$24,691.4	
Dumpster & Porta Potty	\$0.0020			\$2,000	\$2,469.1	
First Energy Infrastructure Upgrades	\$0.0501			\$50,000	\$61,728.4	
Other	\$0.0000			\$0	\$0.0	
Other	\$0.0000			\$0	\$0.0	
Other	\$0.0000			\$0	\$0.0	
Labor	\$0.1422			\$142,080	\$175,407.4	
Travel Labor	\$0.0120			\$11,939	\$14,739.1	
Per Diem	\$0.0403			\$40,226	\$49,662.2	
	\$1.0043	\$0.0117	\$1.0160	\$1,014,946	<b>Total Estimated Cost</b>	
				\$860,928	<b>Estimated Mateial/Other Cost</b>	
				\$154,019	<b>Total Estimated Labor Cost</b>	
				\$40.00	<b>Labor Cost per Hour</b>	
				3850	<b>Total Estimated Labor Hours</b>	
				19.0%	<b>Profit Margin</b>	
				\$1,253,020	<b>Sell price</b>	
				\$238,074	<b>Gross margin</b>	
				\$61.83	<b>MPMH</b>	
				\$1.25	<b>Sales Per Watt</b>	
<b>Turn Key Project Target MPMH \$80.00 or Greater</b>						



Substantiating evidence site enhancements

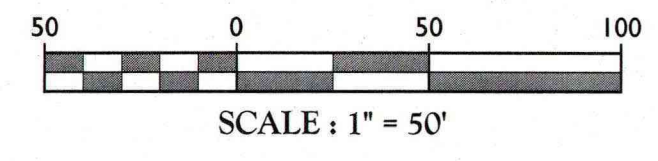
NEW JERSEY STATE HIGHWAY ROUTE 57  
(66' PUBLIC RIGHT-OF-WAY)



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REV	DATE	DRAWN BY	DESCRIPTION

MINOR SITE PLAN  
 FOR  
**ROUTE 57 SOLAR PROJECT**  
 BLOCK 16.01  
 LOT 10  
 FRANKLIN TOWNSHIP  
 WARREN COUNTY  
 NEW JERSEY

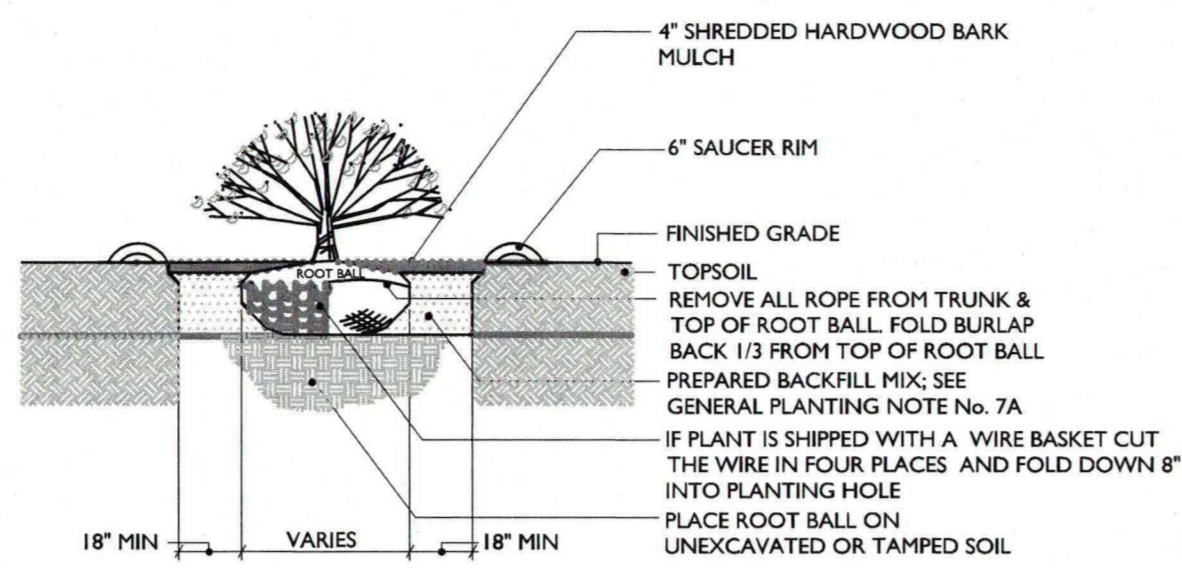


SCALE: AS SHOWN    DATE:    DRAWN BY:    CHECKED BY:    PROJECT NUMBER:    DRAWING NAME:    SHEET TITLE: **LANDSCAPE PLAN**    SHEET NUMBER:    of



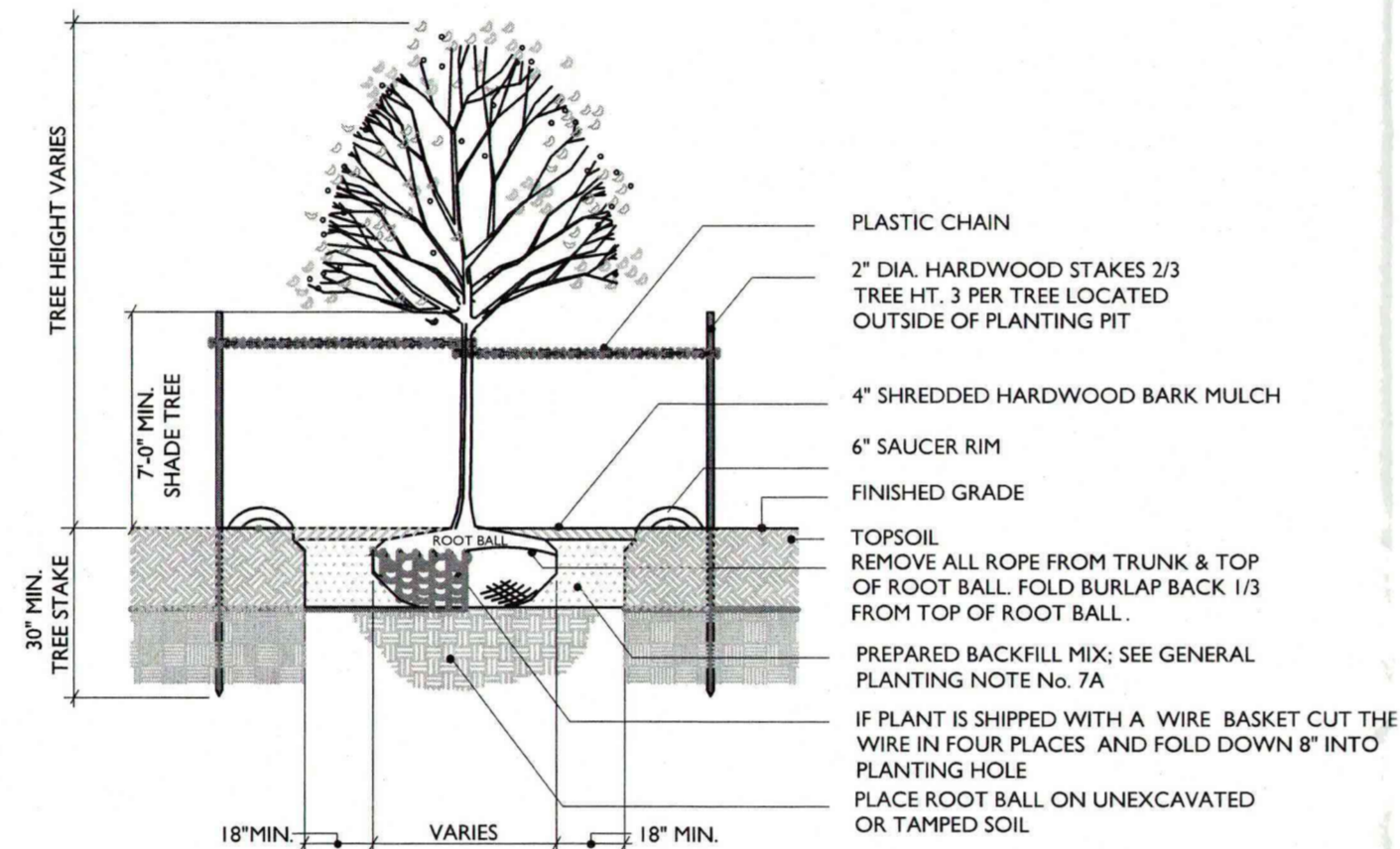
**GENERAL PLANTING NOTES**

- THIS PLAN SHALL BE USED FOR LANDSCAPE PLANTING PURPOSES ONLY. EXAMINE ALL ENGINEERING DRAWINGS AND FIELD CONDITIONS FOR SPECIFIC LOCATIONS OF UTILITIES AND STRUCTURES. NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES OR LOCATION CONFLICTS PRIOR TO PLANTING INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITIES MARKOUTS AND COMPLIANCE WITH ALL FEDERAL, STATE, OR LOCAL CODES, LAWFUL ORDERS OR REGULATIONS GOVERNING UPON THIS WORK.
- OWNER OF HIS/HER REPRESENTATIVE SHALL BE NOTIFIED PRIOR TO BEGINNING PLANTING OPERATIONS.
- PLANT MATERIAL**
  - PLANT MATERIAL SHALL CONFORM WITH THE ANSI Z60.1-2004 'AMERICAN STANDARD FOR NURSERY STOCK' AS PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION (ANLA) IN REGARD TO QUALITY, SIZE OF PLANTING, SPREAD OF ROOTS, SIZE OF ROOTBALL, AND BRANCHING PATTERN.
  - PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY, HAVE NORMAL GROWTH HABITS, WELL DEVELOPED BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND FREE FROM DEFECTS AND INJURY.
  - ALL PLANT MATERIAL SHALL BEAR THE SAME RELATION TO FINISHED GRADE AT THE NURSERY. THE PLANT MATERIAL SHALL BE PLANTED AT THE SAME LEVEL WHEN PLANTED.
  - PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY TO THE SITE. IN THE EVENT THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO PROTECT THE PLANT MATERIAL FROM DAMAGE PRIOR TO INSTALLATION.
  - THE LANDSCAPE ARCHITECT OR OWNER SHALL HAVE THE RIGHT, AT ANY STAGE OF THE OPERATION, TO REJECT ANY AND ALL PLANT MATERIAL WHICH IN THEIR OPINION DOES NOT MEET THE REQUIREMENTS OF THESE PLANTS.
- SUBSTITUTIONS:** NO PLANT SUBSTITUTIONS SHALL BE PERMITTED WITH REGARD TO SIZE, SPECIES, OR VARIETY WITHOUT WRITTEN PERMISSIONS OF THE MUNICIPALITY, LANDSCAPE ARCHITECT, OR OWNER. WRITTEN PROOF OF THE PLANT MATERIAL UNAVAILABILITY MUST BE DOCUMENTED BY THE CONTRACTOR.
- GUARANTEE:** PLANT MATERIAL SHALL BE GUARANTEED FOR ONE (1) YEAR AFTER THE DATE OF FINAL ACCEPTANCE. ANY PLANT MATERIAL THAT IS WITHIN THAT TIME PERIOD SHALL BE REMOVED, INCLUDING STUMP, AND REPLACED WITH A SIMILAR SIZE AND SPECIES AT THE EXPENSE OF THE CONTRACTOR WITHIN ONE YEAR OF ONE GROWING SEASON. TREE STAKES, TREE WRAPS AND PLASTIC CHAINS SHALL BE REMOVED AT THE END OF THE GUARANTEE PERIOD.
- PLANTING BEDS:**
  - PROVIDE PLANTING PITS AS INDICATED ON PLANTING DETAILS. BACKFILL PLANTING PITS WITH WELL DRAINING AND FERTILE SOILS. SOILS SHALL BE SANDY LOAM, FREE FROM DEBRIS, ROCKS, ETC. SOIL TO BE ONE PART EACH OF TOPSOIL, MOISTENED PEAT MOSS, AND PARENT MATERIAL.
  - PLANTING BEDS SHALL RECEIVE FOUR (4) TO SIX (6) INCHES OF DOUBLE SHREDDED HARDWOOD MULCH AND TREATED WITH A PRE-EMERGENT HERBICIDE. NO MULCH SHALL COME IN DIRECT CONTACT WITH ROOT FLARE/COLLAR.
  - SHRUB MASSES SHALL BE PLANTED IN CONTINUOUS MULCHED BEDS.
- PLANT LOCATIONS:** THE LOCATION OF ALL PLANT MATERIAL INDICATED ON THE LANDSCAPE PLANS ARE APPROXIMATE. THE FINAL LOCATION OF ALL PLANT MATERIAL AND PLANTING BEDLINES SHALL BE DETERMINED IN THE FIELD AT THE TIME OF INSTALLATION FOLLOWING THE BASIC INTENT OF THE APPROVED PLANS, UNLESS THERE IS A SPECIFIC DIMENSION OR LOCATION SHOWN.
- PLANT QUANTITIES:** THE LANDSCAPE PLAN SHOULD TAKE PRECEDENCE OVER THE PLANT SCHEDULE IF ANY PLANT DISCREPANCIES OCCUR.
- PLANT SIZE:** THE CONTRACTOR SHALL FURNISH PLANT MATERIAL IN THE CALIPER, HEIGHT, SIZE OR SPREAD INDICATED IN THE PLANT SCHEDULE.
- PLANTING DATES:** PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICES. PLANTING SEASONS ARE DEFINED AS MARCH 15 THROUGH MAY 15 AND SEPT 15 THROUGH NOV 15. PLANTING IS ACCEPTABLE DURING THE WINTER MONTHS IF WEATHER PERMITS. THE GROUND IS NOT FROZEN, AND IN THE SUMMER IF SUPPLEMENTAL WATERING IS PROVIDED.
- PLANTING METHODS:**
  - TREES SHALL BE SUPPORTED IMMEDIATELY AFTER PLANTING. PLANT MATERIAL SHALL BE PROPERLY GUIDED, STAKED, AND PLANTING IN CONFORMANCE WITH THE TYPICAL PLANTING DETAILS.
    - STAKES SHALL BE EIGHT TO TEN FEET LONG, OF SOUND, DURABLE UNFINISHED LUMBER CAPABLE OF WITHSTANDING ABOVEGROUND AND UNDERGROUND CONDITIONS DURING THE PERIOD OF GUARANTEE WITH TOP AND BOTTOM DIMENSIONS OF TWO INCHES BY TWO INCHES IN DIAMETER.
    - THREE STAKES SHALL BE EQUALLY SPACED ABOUT THE TREE IN A TRIANGULAR FASHION AND SHALL BE DRIVEN VERTICALLY INTO THE GROUND 2 1/2 TO 3 FEET IN A MANNER THAT DOES NOT INJURE THE ROOT BALL.
    - TREES SHALL BE FASTENED TO EACH STAKE AT A HEIGHT OF FIVE FEET BY MEANS OF PLASTIC CHAIN LINK. TREE TIE 1/2" WIDE RECOMMENDED FOR TREES UP TO 2 1/2 INCHES IN CALIPER.
  - SET PLANTS PLUMB AND STRAIGHT. SET AT SUCH LEVEL THAT AFTER SETTLEMENT A NORMAL OR NATURAL RELATIONSHIP TO THE CROWN OF THE PLANT WITH THE GROUND SURFACE WILL BE ESTABLISHED. LOCATE PLANTS IN CENTER OF PIT.
  - AT TIME OF INSTALLATION, THE CONTRACTOR SHALL WATER NEWLY INSTALLED PLANT MATERIAL. THE CONTRACTOR SHALL PROVIDE REGULAR WATERING TO ENSURE THE ESTABLISHMENT, GROWTH, AND SURVIVAL OF ALL PLANTS.
  - B&B PLANTS SHALL BE HANDLED FROM THE BOTTOM OF THE ROOTBALL ONLY. PLANTS WITH BROKEN, SPLIT, OR DAMAGED ROOTBALLS SHALL BE REJECTED.
- PRUNING:**
  - EACH TREE AND SHRUB SHALL BE PRUNED IN ACCORDANCE WITH THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL DEAD WOOD OR SUCKERS AND ALL BROKEN OR BADLY BRUISED BRANCHES SHALL BE REMOVED. PRUNING SHALL BE DONE WITH CLEAN, SHARP TOOLS.
  - SHADE TREES PLANTED NEAR PEDESTRIAN OR VEHICULAR ACCESS SHOULD NOT BE BRANCHED LOWER THAN 8'-0" ABOVE GRADE. PLANT MATERIAL LOCATED WITHIN SIGHT TRIANGLE EASEMENTS SHALL NOT EXCEED A MATURE HEIGHT OF 30' ABOVE THE ELEVATION OF THE ADJACENT CURB. STREET TREES PLANTED IN SIGHT TRIANGLE EASEMENTS SHALL BE PRUNED TO NOT TO HAVE BRANCHES BELOW 8'-0". B. THE CENTRAL LEADER SHALL NOT BE CUT OR DAMAGED.
- LAWN AREAS:**
  - THE LANDSCAPE CONTRACTOR SHALL TEST THE SOIL TO CONFIRM SUITABILITY FOR THE PROPOSED SEED MIX AND SUPPLEMENT AS REQUIRED TO TO MEET THE PH REQUIRED PH & NUTRIENT LEVELS.
  - ALL DISTURBED AREAS SHALL BE STABILIZED WITH SEED UNLESS OTHERWISE INDICATED ON THE LANDSCAPE PLANS. SEED SHALL BE IN ACCORDANCE WITH THE SOIL EROSION AND SEDIMENT CONTROL DISTRICTS SEED SPECIFICATIONS AS NOTED ON THE SOIL EROSION AND SEDIMENT CONTROL SPECIFICATIONS.
  - SOD, IF SPECIFIED, SHALL CONSIST OF A NEW JERSEY CERTIFIED MIXTURE. ALL DISTURBED AREAS INDICATED AS LAWN OR SOD SHALL BE TOPSOILED, LIMED, AND FERTILIZED & FINE GRADED PRIOR TO LAWN INSTALLATION.
- EXISTING VEGETATION:** EXISTING TREES AND SHRUBS TO BE PRESERVED ON SITE SHALL BE PROTECTED AGAINST CONSTRUCTION DAMAGE BY SNOW FENCING. FENCING SHALL BE PLACED OUTSIDE THE INDIVIDUAL TREE CANOPY. TREES TO REMAIN SHALL BE IDENTIFIED IN THE FIELD PRIOR TO COMMENCEMENT OF CONSTRUCTION. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION, GRADING, OR CLEARING. EXISTING VEGETATION BEING PRESERVED AND LOCATED AT THE EDGE OF THE NEW TREELINE, SHALL BE PRUNED AND TRIMMED TO REMOVE ALL DEAD, DAMAGED, OR DISEASED BRANCHES.
- SITE CLEANUP:** PLANTING DEBRIS (WIRE, TWINE, RUBBERHOSE, BACKFILL, ETC.) SHALL BE REMOVED FROM THE SITE AFTER PLANTING IS COMPLETE. THE PROPERTY IS TO BE LEFT IN A NEAT, ORDERLY CONDITION IN ACCORDANCE WITH ACCEPTED PLANTING PRACTICES.



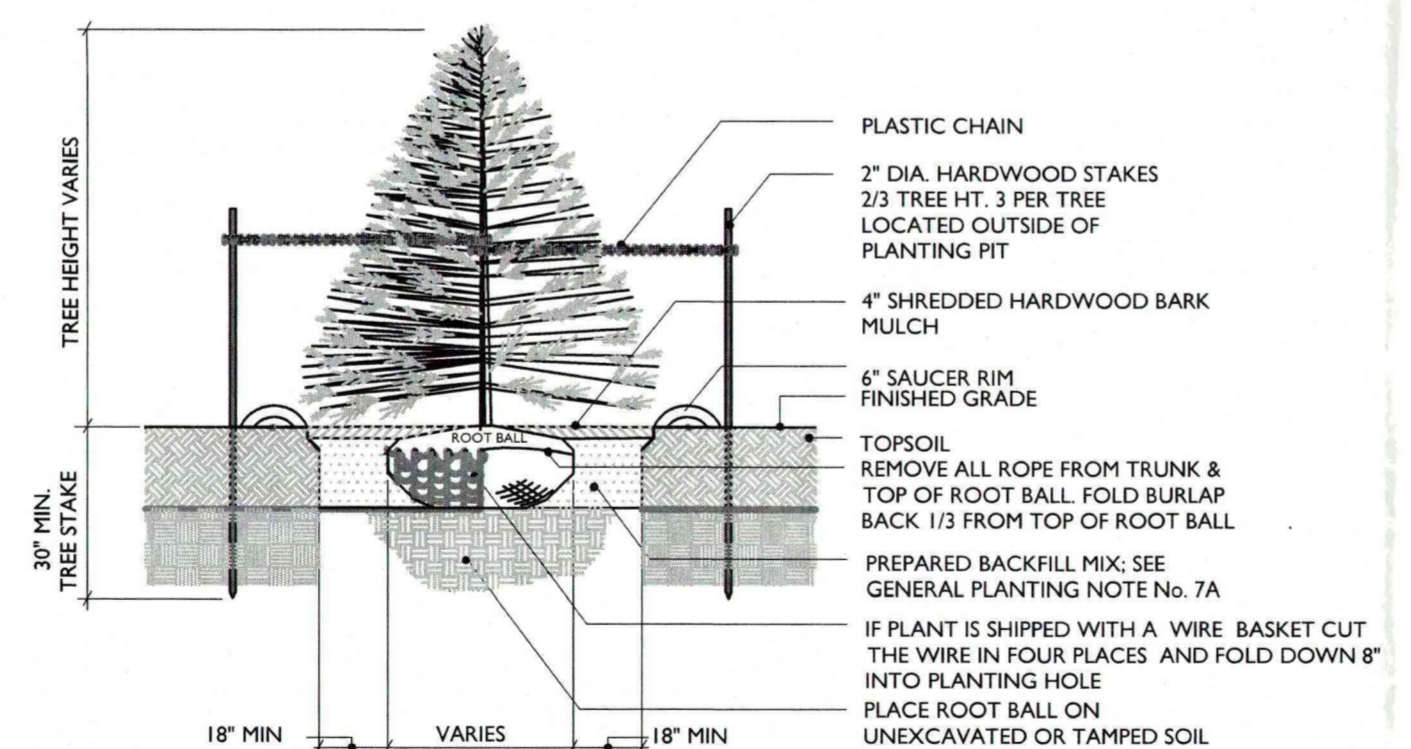
**SHRUB PLANTING DETAIL**

NOT TO SCALE  
 NOTES:  
 1. NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT.  
 2. PLANTING DEPTH SHALL BE THE SAME OR HIGHER AS GROWN IN NURSERY.



**DECIDUOUS TREE PLANTING DETAIL**

NOT TO SCALE  
 NOTES:  
 1. NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT.  
 2. PLANTING DEPTH SHALL BE THE SAME OR HIGHER AS GROWN IN NURSERY.



**EVERGREEN TREE PLANTING DETAIL**

NOT TO SCALE  
 NOTES:  
 1. NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT.  
 2. PLANTING DEPTH SHALL BE THE SAME OR HIGHER AS GROWN IN NURSERY.

**PLANT SCHEDULE**

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CALIPER	ROOT
<b>SHRUBS AND GROUNDCOVERS</b>						
ICS	19	ILEX CRENATA 'STEEDS'	STEEDS UPRIGHT HOLLY	36 -42 "		5 GAL
JPG	66	JUNIPERUS X PFITZERIANA 'GLAUCA'	BLUE PFITZER JUNIPER	36 -42 "		5 GAL
MP	31	MYRICA PENNSYLVANICA	NORTHERN BAYBERRY	36 -42 "		5 GAL
TOT	26	THUJA OCCIDENTALIS 'TECHNY'	TECHNY ARBORVITAE	3 -4 '		B&B
VXP	42	VIBURNUM X PRAGENSE	PRAGUE VIBURNUM	3 -4 '		B&B



**Ernst Conservation Seeds**  
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 www.ernstseed.com

Date: April 18, 2019

**XERCES Mid-Atlantic Pollinator Mix - XERC00102**

Botanical Name	Common Name	Price/lb
36.30 % <i>Schizachyrium scoparium</i> , 'Camper'	Little Bluestem, 'Camper'	12.01
14.00 % <i>Echinacea purpurea</i>	Purple Coneflower	36.00
10.00 % <i>Chamaecrista fasciculata</i> , PA Ecotype	Partridge Pea, PA Ecotype	7.00
10.00 % <i>Coneopsis lanceolata</i>	Lanceleaf Coneopsis	24.00
3.20 % <i>Asclepias tuberosa</i>	Butterfly Milkweed	280.00
3.00 % <i>Penstemon digitalis</i> , PA Ecotype	Tall White Beardtongue, PA Ecotype	160.00
2.80 % <i>Liatris spicata</i>	Marsh (Dense) Blazing Star (Spiked Gayfeather)	210.00
2.00 % <i>Chamaecrista nictitans</i> , NC Ecotype	Sensitive Pea, NC Ecotype	60.00
2.00 % <i>Helopsis helianthoides</i> , PA Ecotype	Owey Sunflower, PA Ecotype	35.00
1.50 % <i>Aster laevis</i> , NY Ecotype	Smooth Blue Aster, NY Ecotype	360.00
1.40 % <i>Aster novae-angliae</i> , PA Ecotype	New England Aster, PA Ecotype	360.00
1.00 % <i>Agastache foeniculum</i>	Anise (Lavender) Hyssop	172.00
1.00 % <i>Aster lateriflorus</i>	Calico Aster	360.00
1.00 % <i>Aster pilosus</i> , PA Ecotype	Heath Aster, PA Ecotype	360.00
1.00 % <i>Penstemon hirsutus</i>	Hairy Beardtongue	400.00
1.00 % <i>Pycnanthemum tenuifolium</i>	Narrowleaf Mountainmint	140.00
1.00 % <i>Zizia aurea</i>	Golden Alexanders	240.00
0.90 % <i>Senna hebecarpa</i> , VA & WV Ecotype	Wild Senna, VA & WV Ecotype	24.00
0.80 % <i>Solidago juncea</i> , PA Ecotype	Early Goldenrod, PA Ecotype	280.00
0.80 % <i>Asclepias syriaca</i>	Common Milkweed	195.00
0.80 % <i>Monarda fistulosa</i> , Fort Indiantown Gap-PA Ecotype	Wild Bergamot, Fort Indiantown Gap-PA Ecotype	120.00
0.70 % <i>Geum canadense</i> , PA Ecotype	White Avena, PA Ecotype	160.00
0.70 % <i>Solidago nemoralis</i> , PA Ecotype	Gray Goldenrod, PA Ecotype	360.00
0.50 % <i>Baptisia australis</i> , Southern WV Ecotype	Blue False Indigo, Southern WV Ecotype	80.00
0.50 % <i>Eupatorium perfoliatum</i> , PA Ecotype	Boneset, PA Ecotype	300.00
0.50 % <i>Lespedeza capitata</i> , RI Ecotype	Roundhead Lespedeza, RI Ecotype	108.00
0.50 % <i>Lespedeza virginica</i> , VA Ecotype	Slender Lespedeza, VA Ecotype	180.00
0.50 % <i>Rudbeckia fulgida</i> var. <i>fulgida</i> , Northern VA Ecotype	Orange Coneflower, Northern VA Ecotype	300.00
0.50 % <i>Verbena alternifolia</i> , PA Ecotype	Wingstem, PA Ecotype	160.00

**100.00 %**      **Mix Price/lb Bulk: \$75.76**

**Seeding Rate:** Expect to apply about 7 lbs per acre.  
 Uplands & Meadows

Note: Mix formulations are subject to change without notice depending on the availability of existing and new products. While the formula may change, the guiding philosophy and function of the mix will not.

Price quotes guaranteed for 30 days.  
 All prices are FOB Meadville, PA.  
 Please check our web site at [www.ernstseed.com](http://www.ernstseed.com)  
 for current pricing when placing orders.



REV	DATE	DRAWN BY	DESCRIPTION

MINOR SITE PLAN  
 FOR  
**ROUTE 57 SOLAR PROJECT**  
 BLOCK 16.01  
 LOT 10  
 FRANKLIN TOWNSHIP  
 WARREN COUNTY  
 NEW JERSEY

SCALE: AS SHOWN	DATE:	DRAWN BY:	CHECKED BY:
PROJECT NUMBER:	DRAWING NAME:		
SHEET TITLE: <b>LANDSCAPE DETAILS</b>			
SHEET NUMBER:      of			



Evidence of Partnership with LMI Experienced Organizations.  
Please Note, PowerMarket is not yet Under Agreement for Subscription Services as of the application date, and is therefore not on the Application as the subscription agency for the project.

### CONFIDENTIALITY AGREEMENT

This Confidentiality Agreement (“**Agreement**”) is entered into as of April 3, 2019 (“**Effective Date**”) by and between ProjectEconomics, Inc. dba PowerMarket, having its principal offices at 15 Metro Tech Center, 19<sup>th</sup> Floor, Brooklyn, NY, 11201, together with its successors and assignors (collectively “**PE**”) and Broadway Energy, having its principal offices at 2010 West Main Street, Ephrata, PA 17522, together with its successors and assignors (collectively “**Company**”).

WHEREAS, PE and Company shall each be referred to as a “Party” and collectively as the “Parties”;

WHEREAS the purpose of such sharing is to facilitate the evaluation and review of materials in furtherance of a possible financing, investment, joint partnership or other form of collaboration between the Parties, related to certain business in the solar energy, community/shared renewable and related sectors (the “**Opportunity**”);

WHEREAS, in the course of evaluating the Opportunity it will be necessary for one Party (“**Disclosing Party**”) to release certain Confidential Information (as defined below) to the other Party (“**Receiving Party**”);

NOW, THEREFORE, in consideration of the mutual promises and covenants made herein, the receipt and sufficiency of which is hereby acknowledged, and with the intent to be legally bound hereby, the Parties agree as follows:

1. Confidential Information. “Confidential Information” shall mean all information, regardless of the form in which it is communicated or maintained (whether oral, written, electronic or visual) and whether prepared by Disclosing Party or otherwise, which is disclosed by or on behalf of Disclosing Party to Receiving Party or any of its Agents (as herein defined), regardless of whether such information is disclosed before or after the execution of this Agreement, in connection with the Opportunity and including all records, reports, analyses, notes, memoranda, documentation, data, specifications, diagrams, statistics, systems or software, manuals, business plans, operational information or practices, processes (whether or not patented, patentable or reduced to practice), customer lists, contractual arrangements with, and information about, the Disclosing Party’s partners, and customers, the existence of the discussions between the Parties concerning the Opportunity, or other information that are based on, contain or reflect any such Confidential Information. All information received from the Disclosing Party shall be considered Confidential Information, unless it is specifically designated as non-proprietary and non-confidential. For the avoidance of doubt, PE’s Confidential Information specifically includes data disclosed by or through PE, its affiliates, or their respective owners, officers, employees, members, or representatives.

Confidential Information shall not include: (a) information which is or becomes publicly available other than as a result of a violation of this Agreement; (b) information which is or becomes available on a non-confidential basis from a source which is not known to the Receiving Party to be prohibited from disclosing such information pursuant to a legal, contractual or fiduciary obligation to the Disclosing Party; (c) information which the Receiving Party can demonstrate was legally in its possession prior to disclosure by the Disclosing Party; or (d) information which is developed by or for Receiving Party independently of the Disclosing Party’s Confidential Information.

2. Nondisclosure and Use of Confidential Information. Confidential Information shall not be used for any purpose other than to analyze, evaluate, negotiate, implement or complete the Opportunity. Confidential Information shall be held in strict confidence by Receiving Party and shall not be disclosed without prior written consent of Disclosing Party, except to those advisors, affiliates, agents, assigns, attorneys, employees, directors, officers and/or members (“**Agents**”) with a need-to-know the Confidential Information for the purposes of analyzing, implementing or completing the Opportunity. Receiving Party shall be responsible for any breach of this Agreement by the Receiving Party or its Agents. The Receiving Party shall use the same degree of care to protect the Confidential Information as the Receiving Party employs to protect its own information of like importance, but in no event less than a reasonable degree of care based on industry standard.

3. Required Disclosure. In the event that Receiving Party or any of its Agents are requested or required by law, legal processor, regulatory or self-regulatory authority to disclose any Confidential Information (collectively, “**Law**”), the Receiving Party or such Agent, as applicable, shall promptly notify the Disclosing Party of such request or requirement prior to disclosure (email shall suffice), if permitted by Law, so that Disclosing Party may seek an appropriate protective order. In the event that a protective order or other remedy is not obtained, Receiving Party or such Agent, as applicable,

agrees to furnish only that portion of the Confidential Information that is as advised by counsel, is consistent with the scope of the request or demand, and to exercise reasonable efforts to obtain assurance that confidential treatment will be accorded to such Confidential Information. Receiving Party will provide reasonable cooperation to Disclosing Party and its legal counsel with respect to performance of the covenants undertaken pursuant to this Section 3.

4. Remedies. The Receiving Party agrees that money damages may not be a sufficient remedy for any breach of this Agreement and that Disclosing Party shall be entitled to seek injunctive or other equitable relief to remedy or prevent any breach or threatened breach of this Agreement. Such remedy shall not be the exclusive remedy for any breach of this Agreement, but shall be in addition to all other rights and remedies available at law or in equity.

5. Return or Destruction. At any time upon the Disclosing Party's written request, the Receiving Party shall return or destroy, at the Receiving Party's option, all written Confidential Information of the Disclosing Party, including that portion of such Confidential Information that may be found in analyses, compilations, studies or other documents prepared by, or for, the Receiving Party, and the Receiving Party and its Agents shall not retain any copies of such written Confidential Information; provided, however, that Confidential Information may be retained by the Receiving Party to the extent that retention of such Confidential Information is necessary to comply with the Receiving Party's internal document retention policies aimed at legal, corporate governance or regulatory compliance and any such retained Confidential Information shall remain subject to the disclosure and use restrictions set forth herein, notwithstanding any expiration or termination of this Agreement. The Receiving Party shall, upon written request of the Disclosing Party, cause one of its duly authorized officers to certify in writing to the Disclosing Party that the requirements of the preceding sentence have been satisfied in full. The Receiving Party shall not be deemed to have retained or failed to return or destroy any Confidential Information if Confidential Information received or stored in digital format is deleted from local hard drives so long as no attempt is made to recover such Confidential Information from servers or back-up sources, provided that any such retained Confidential Information shall remain subject to the disclosure and use restrictions set forth herein, notwithstanding any termination of this Agreement.

6. No Other Agreement. It is understood that this Agreement is not intended to and does not, obligate either Party to enter into any further agreements or to proceed with any possible relationship or other transaction, including without limitation the Opportunity, or to require either Party to disclose any information under this Agreement. Any pricing lists, proposals or summaries disclosed under this Agreement are intended only to provide a framework for further discussions between the Parties. Pricing documents are not an offer or a commitment of PE or Company.

7. Non-Interference. Each Party agrees that neither the party nor its Agents will, directly or indirectly, utilize any Confidential Information to induce or attempt to induce any customer, partner, or other business relation of the other Party to cease doing business with the other Party, or in any way utilize any Confidential Information to interfere with the relationship between any such customer, partner, or business relation on the one hand, and the other Party, on the other hand.

8. No License. It is understood that nothing contained in this Agreement shall be construed as granting or conferring rights by license or otherwise in any Confidential Information disclosed to Receiving Party. Nothing in this Agreement is intended to prevent either Party hereto from using its own Confidential Information which it furnished hereunder for dealings with third parties for any purpose.

9. Amendment. Any amendment to this Agreement must be in writing and signed by an authorized representative of each Party.

10. No Assignment. This Agreement may not be assigned by either Party unless prior written consent is obtained; however, upon written notice to Company, PE may assign this Agreement (including the right to enforce its terms) to a parent, affiliate or subsidiary at its sole discretion without consent.

11. Non-Waiver. No waiver of any provision of this Agreement shall be deemed to be nor shall constitute a waiver of any other provision whether or not similar, nor shall any waiver constitute a continuing waiver. No waiver shall be binding unless executed in writing by the Party making the waiver.



12. Governing Law. This Agreement shall be governed by, and construed in accordance with the laws of the State of New York without regard to its conflict of laws provisions. Any disputes resulting in litigation between the Parties shall be conducted in the state or federal courts of the State of New York.

13. Term. This Agreement shall terminate two (2) years from the Effective Date of this Agreement, or thirty (30) calendar days following written notice by either Party to the other of its desire to terminate this Agreement, whichever occurs first. However, the obligations contained herein shall remain in effect for a period of two (2) years from the date the Confidential Information was disclosed under this Agreement.

14. Entire Agreement. This Agreement constitutes the full and entire agreement between the Parties regarding the confidentiality of Confidential Information.

15. Counterparts. This Agreement may be signed in counterparts and may be delivered by facsimile or electronic means, each of which may be deemed an original, and all of which together constitute one and the same agreement.

16. Authorization and Binding Obligations. Each Party represents to the other Party that the execution, delivery and performance of this Agreement have been duly authorized, and this Agreement has been duly executed and delivered by the signatory so authorized, and the obligations contained herein constitute the valid and binding obligations of such Party.

17. Waiver of Trial by Jury. TO THE EXTENT PERMITTED BY LAW, EACH OF THE PARTIES HERETO HEREBY KNOWINGLY, VOLUNTARILY AND INTENTIONALLY WAIVES THE RIGHT EITHER OF THEM MAY HAVE TO A TRIAL BY JURY IN RESPECT OF ANY LITIGATION BASED HEREON, OR ARISING OUT OF, UNDER OR IN CONNECTION WITH THIS AGREEMENT. THIS PROVISION IS A MATERIAL INDUCEMENT FOR THE PARTIES ENTERING INTO THIS AGREEMENT.

18. Publicity. Neither Party shall make any public disclosures regarding the other Party, or the subject matter hereof, including, without limitation, any advertisements, publications or documents, without the prior written approval of the other Party.

19. No Warranties. Each Party acknowledges that the Disclosing Party provides the Confidential Information on an “as is” basis and without warranty of any kind. THE DISCLOSING PARTY EXPRESSLY DISCLAIMS ALL WARRANTIES PERTAINING TO THE CONFIDENTIAL INFORMATION, WHETHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

20. Export of Confidential Information. Each Party receiving Confidential Information hereunder agrees that it and its Agents will not export such Confidential Information in contravention of the provisions of (a) the U.S. Export Administration Act, as amended, and the regulations issued thereunder and (b) any other applicable laws of other countries and/or jurisdictions.

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement as of the Effective Date first set forth above.

**PROJECTECONOMICS, INC.**

**COMPANY**

By: Eric Dahnke

By: Brett Noit

Name: Eric Dahnke

Name: Brett Noit

Title: CEO

Title: member

# TOWNSHIP OF FRANKLIN

COUNTY OF WARREN



STATE OF NEW JERSEY

July 17, 2019

Brett Nolt, PM/Designer  
MVE Group, Inc

**RE: 2043 Route 57 Solar Letter of Support**

To Whom It May Concern:

Please accept this letter of support from Franklin Township, Warren County in partnership with 2043 Route 57 Solar Array project that has been formally approved by the Land Use Board of Franklin Township.

The groups representing the solar array has collaborated with the municipality of Franklin and multiple public meetings were held with the relevant municipal authorities and our involvement.

Through our open public Land Use Board meetings, we have advertised and provided an outreach to our public where our public had opportunity to share comments and we have allowed the solar development group to complete all appropriate documentation and pathways as needed. The Franklin Township Land Use Board has ruled in favor of the project, as well as a plan for decommissioning when deenergized as requested.

Thank You,

A handwritten signature in blue ink that reads "Jeff DeAngelis". The signature is stylized and includes a flourish at the end.

Jeff DeAngelis  
Mayor, Franklin Township Warren County



Evidence of 1mWDC 750kWAC Interconnection Study

**Generation Interconnection  
System Impact Study Report  
for  
Queue Project AE2-028  
BROADWAY 12.47 KV  
0.4 MW Capacity / 0.75 MW Energy**

February 2020

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## 1 Introduction

This System Impact Study has been prepared in accordance with the PJM Open Access Transmission Tariff, 205, as well as the System Impact Study Agreement between **Broadway Energy LLC**, the Interconnection Customer (IC), and PJM Interconnection, LLC (PJM), Transmission Provider (TP). The Interconnected Transmission Owner (ITO) is Jersey Central Power & Light Company (JCPL).

## 2 Preface

The intent of the System Impact Study is to determine a plan, with approximate cost and construction time estimates, to connect the subject generation interconnection project to the PJM network at a location specified by the Interconnection Customer. As a requirement for interconnection, the Interconnection Customer may be responsible for the cost of constructing: Network Upgrades, which are facility additions, or upgrades to existing facilities, that are needed to maintain the reliability of the PJM system. All facilities required for interconnection of a generation interconnection project must be designed to meet the technical specifications (on PJM web site) for the appropriate transmission owner.

In some instances an Interconnection Customer may not be responsible for 100% of the identified network upgrade cost because other transmission network uses, e.g. another generation interconnection or merchant transmission upgrade, may also contribute to the need for the same network reinforcement. The possibility of sharing the reinforcement costs with other projects may be identified in the Feasibility Study, but the actual allocation will be deferred until the System Impact Study is performed.

The System Impact Study estimates do not include the feasibility, cost, or time required to obtain property rights and permits for construction of the required facilities. The project developer is responsible for the right of way, real estate, and construction permit issues. For properties currently owned by Transmission Owners, the costs may be included in the study.

The Interconnection Customer seeking to interconnect a wind or solar generation facility shall maintain meteorological data facilities as well as provide that meteorological data which is required per Schedule H to the Interconnection Service Agreement and Section 8 of Manual 14D.

### 3 General

The Interconnection Customer (IC), has proposed a Solar generating facility located in Warren County, New Jersey. The installed facilities will have a total capability of 0.75 MW with 0.4 MW of this output being recognized by PJM as Capacity. The proposed in-service date for this project is March 2, 2020. This study does not imply a TO commitment to this in-service date.

Final attachment facilities and local upgrades along with terms and conditions to interconnect AE2-028 specified in a separate two party Interconnection Agreement (IA) between JCPL and the Interconnection Customer as this project is considered FERC non-jurisdictional per the PJM Open Access Transmission Tariff (OATT).

From the transmission perspective, no network impacts or system reinforcements were identified as detailed in the “Network Impacts” section below.

<b>Queue Number</b>	<b>AE2-028</b>
<b>Project Name</b>	BROADWAY 12.47 KV
<b>Interconnection Customer</b>	Broadway Energy LLC
<b>State</b>	New Jersey
<b>County</b>	Warren
<b>Transmission Owner</b>	JCPL
<b>MFO</b>	0.8
<b>MWE</b>	0.75
<b>MWC</b>	0.4
<b>Fuel</b>	Solar
<b>Basecase Study Year</b>	2022



## 4 Point of Interconnection

The interconnection of the project to the JCPL system will be accomplished by constructing a new direct connection to the Broadway 12.47 kV substation circuit #27635. The primary direct connection of this project will be accomplished by building a new facility consisting of a 999 kW DC/ 750 kW AC solar array. The IC will be responsible for acquiring all easements, properties, and permits that may be required to construct both the new interconnection switching station and the associated facilities. The project will not require non-direct connection upgrades at the substation.

**Attachment 1** shows a one-line diagram of the proposed primary direct connection facilities for the AE2-028 generation project to connect to the FirstEnergy (“FE”) transmission system. **Attachment 2** provides the proposed location for the point of interconnection. IC will be responsible for constructing all of the facilities on its side of the POI, including the attachment facilities which connect the generator to the FE transmission system’s direct connection facilities.

## 5 Cost Summary

The AE2-028 project will be responsible for the following costs:

Description	Total Cost
Attachment Facilities	\$30,000
Direct Connection Network Upgrade	\$20,000
Non Direct Connection Network Upgrades	\$6,000
New System Upgrades	\$0
<b>Total Costs</b>	<b>\$56,000</b>

The costs provided above exclude the Contribution in Aid of Construction (“CIAC”) Federal Income Tax Gross Up charge. If, at a future date, it is determined that the CIAC Federal Income Tax Gross charge is required, the Transmission Owner shall be reimbursed by the Interconnection Customer for such taxes.

The required Attachment Facilities and Direct and Non-Direct Connection work for the interconnection of the AE2-028 generation project to the FE Transmission System is detailed in the following sections. The associated one-line with the generation project Attachment Facilities and the Primary Direct and Non-Direct Connection facilities are shown in Attachment 1.

**Note:** PJM Open Access Transmission Tariff (OATT) section 217.3A outline cost allocation rules. The rules are further clarified in PJM Manual 14A Attachment B. The allocation of costs for a network upgrade will start with the first Queue project to cause the need for the upgrade. Later queue projects will receive cost allocation contingent on their contribution to the violation and are allocated to the queues that have not closed less than 5 years following the execution of the first Interconnection Service Agreement which identifies the need for this upgrade.

## 6 Transmission Owner Scope of Work

The interconnection of the project to the JCPL system will be accomplished by constructing a new direct connection to the Broadway 12.47 kV substation circuit #27635. The primary direct connection of this project will be accomplished by building a new facility consisting of a 999 kW DC/ 750 kW AC solar array. The IC will be responsible for acquiring all easements, properties, and permits that may be required to construct both the new interconnection switching station and the associated facilities. The project will not require non-direct connection upgrades at the substation.

### 6.1 Attachment Facilities

The total preliminary cost estimate for the Attachment work is given in the table below. These costs do not include CIAC Tax Gross-up.

Description	Total Cost
Install one span of 3-Phase overhead primary from pole NJ1038FR and install three 40K fuse links. Additionally, the IC shall provide a manually operable disconnect switch past the interconnection point for the purpose of supplying a visible break. The equipment BIL rating shall be 110 KV.	\$6,000
At an Interconnection Customer (IC) owned pole, JCP&L to install metering equipment, CTs and PTs	\$20,000
Engineering review and site commissioning	\$4,000
<b>Total Attachment Facility Costs</b>	<b>\$30,000</b>

### 6.2 Direct Connection Cost Estimate

The total preliminary cost estimate for the Direct Connection work is given in the table below. These costs do not include CIAC Tax Gross-up.

Description	Total Cost
Communication costs - installing SCADA system into Distribution Control Center	\$20,000
<b>Total Direct Connection Facility Costs</b>	<b>\$20,000</b>

### 6.3 Non-Direct Connection Cost Estimate

The total preliminary cost estimate for the Non-Direct Connection work is given in the table below. These costs do not include CIAC Tax Gross-up.

Description	Total Cost
Upgrade two Capacitor controls with field and engineering time	\$6,000
<b>Total Non-Direct Connection Facility Costs</b>	<b>\$6,000</b>

## 7 Schedule

Based on the scope of work for the Attachment Facilities and the Direct and Non-Direct Connection facilities, it is expected to take a minimum of **9 months** after the signing of an Interconnection Construction Service Agreement to complete the installation. This includes the requirement for the IC to make a preliminary payment that compensates FE for the first three months of the engineering design work that is related to the Attachment Facilities and Direct Connection work. Full initial deposit is required for the Non-Direct Connection work. This assumes that there will be no environmental issues with any of the new properties associated with this project, that there will be no delays in acquiring the necessary permits for implementing the defined direct connection and network upgrades, and that all transmission system outages will be allowed when requested.

## 8 Transmission Owner Analysis

### 8.1 Power Flow Analysis

PJM performed a power flow analysis of the transmission system using a 2022 summer peak load flow model and the results were verified by FE. Additionally, FE performed an analysis of its underlying transmission <100 kV system. At the Primary POI, the AE2-028 project does not contribute to overloads on the FE transmission <100 kV system.

### 8.2 Short Circuit Analysis

PJM performed a short circuit analysis and the results were verified by FE. The connection of AE2-028 project to the system does not result in any newly overdutied circuit breakers on the FE transmission system and does not have a significant fault current contribution to existing overdutied circuit breakers.

## 9 Interconnection Customer Requirements

### 9.1 System Protection

The IC must design its Customer Facilities in accordance with all applicable standards, including the standards in FE's "Requirements for Transmission Connected Facilities" document located at: <http://www.pjm.com/planning/design-engineering/to-tech-standards/private-firstenergy.aspx>. Preliminary Protection requirements will be provided as part of the Facilities Study. Detailed Protection Requirements will be provided once the project enters the construction phase.

The IC has requested a non-standard GSU transformer winding configuration. This transformer is in violation of section 14.2.6 of FE's "Requirements for Transmission Connected Facilities" document and will not be accepted. The GSU transformer must have a grounded wye connection on the high (utility) side and a delta connection on the low (generator) side.

### 9.2 Compliance Issues and Interconnection Customer Requirements

The proposed Customer Facilities must be designed in accordance with FE's "Requirements for Transmission Connected Facilities" document located at: <http://www.pjm.com/planning/design-engineering/to-tech-standards/private-firstenergy.aspx>. In particular, the IC is responsible for the following:

1. The purchase and installation of a fully rated 12.47kV circuit breaker to protect the AE2-028 generator lead line. A single circuit breaker must be used to protect this line; if the project has several GSU transformers, the individual GSU transformer breakers cannot be used to protect this line.
2. The purchase and installation of the minimum required FE generation interconnection relaying and control facilities. This includes over/under voltage protection, over/under frequency protection, and zero sequence voltage protection relays.
3. The purchase and installation of supervisory control and data acquisition ("SCADA") equipment to provide information in a compatible format to the FE Transmission System Control Center.
4. Compliance with the FE and PJM generator power factor and voltage control requirements.
5. The execution of a back-up service agreement to serve the customer load supplied from the AE2-028 generation project metering point when the units are out-of-service. This assumes the intent of the IC is to net the generation with the load.

The IC will also be required to meet all PJM, ReliabilityFirst, and NERC reliability criteria and operating procedures for standards compliance. For example, the IC will need to properly locate and report the over and under voltage and over and under frequency system protection elements for its units as well as the submission of the generator model and protection data required to satisfy the PJM and ReliabilityFirst audits. Failure to comply with these requirements may result in a disconnection of service if the violation is found to compromise the reliability of the FE system.

### **9.3 Power Factor Requirements**

The IC shall design its non-synchronous Customer Facility with the ability to maintain a power factor of at least 0.95 leading (absorbing VARs) to 0.95 lagging (supplying VARs) measured at the high-side of the facility substation transformer(s) connected to the FE transmission system.

## 10 Revenue Metering and SCADA Requirements

### 10.1 PJM Requirements

The Interconnection Customer will be required to install equipment necessary to provide Revenue Metering (KWH, KVARH) and real time data (KW, KVAR) for IC's generating Resource. See PJM Manuals M-01 and M-14D, and PJM Tariff Section 8 of Attachment O.

#### 10.1.1 Meteorological Data Reporting Requirement

The solar generation facility shall provide the Transmission Provider with site-specific meteorological data including:

- Temperature (degrees Fahrenheit)
- Atmospheric pressure (hectopascals)
- Irradiance
- Forced outage data

### 10.2 JCPL Requirements

The IC will be required to comply with all FE revenue metering requirements for generation interconnection customers which can be found in FE's "Requirements for Transmission Connected Facilities" document located at: <http://www.pjm.com/planning/design-engineering/to-tech-standards/private-firstenergy.aspx>.



## 11 Network Impacts

The Queue Project AE2-028 was evaluated as a 0.8 MW (Capacity 0.4 MW) injection at Furnace Brook 12.47 Ckt #: 27635 which runs Up to Broadway 34.5kV substation in the JCPL area. Project AE2-028 was evaluated for compliance with applicable reliability planning criteria (PJM, NERC, NERC Regional Reliability Councils, and Transmission Owners). Project AE2-028 was studied with a commercial probability of 100%. Potential network impacts were as follows:

# Summer Peak Load Flow

## 12 Generation Deliverability

(Single or N-1 contingencies for the Capacity portion only of the interconnection)

None

## 13 Multiple Facility Contingency

(Double Circuit Tower Line, Fault with a Stuck Breaker, and Bus Fault contingencies for the full energy output)

None

## 14 Contribution to Previously Identified Overloads

(This project contributes to the following contingency overloads, i.e. "Network Impacts", identified for earlier generation or transmission interconnection projects in the PJM Queue)

None

## 15 Potential Congestion due to Local Energy Deliverability

PJM also studied the delivery of the energy portion of this interconnection request. Any problems identified below are likely to result in operational restrictions to the project under study. The developer can proceed with network upgrades to eliminate the operational restriction at their discretion by submitting a Merchant Transmission Interconnection request.

Note: Only the most severely overloaded conditions are listed below. There is no guarantee of full delivery of energy for this project by fixing only the conditions listed in this section. With a Transmission Interconnection Request, a subsequent analysis will be performed which shall study all overload conditions associated with the overloaded element(s) identified.

None

## 16 System Reinforcements

None

## Affected Systems

## 17 Affected Systems

None

## Short Circuit



## 18 Short Circuit

The following Breakers are overduty:

None

# Stability

## 19 Stability Analysis and Reactive Power Assessment

Not required for this project.

## Light Load

## 20 Light Load Analysis

Not applicable to solar projects.

## 21 Attachment 1 – One Line

Contains Privileged and Confidential Information and/or Critical Infrastructure Information  
Do Not Release Pursuant to 18 C.F.R. § 388.112

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