
SolarStone Development, LLC |
v. | Docket Nos.
PPL Electric Utilities | P-2025-3053446
Corporation Petition for | C-2025-3053439
Interim Emergency Order, |
|
Initial Call-In Telephonic |
Hearing
Pages 1 - 102

Judge's Chambers
Piatt Place
301 5th Avenue
Suite 220
Pittsburgh, PA

February 27, 2025
Commencing at 2:00 p.m.

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Docket Nos. P-2025-3053446/C-2025-3053439

Hearing Date: February 27, 2025

NUMBER FOR IDENTIFICATION IN EVIDENCE

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(PPL Distribution

Interconnection

Impact Review)

14

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SOLARSTONE
EXHIBIT 1



Distribution Interconnection Impact Review

PPL Electric Utilities ("PPL Electric" or "the Company") has completed a Distribution Interconnection Impact Review (IIR) of the proposed generation ("Generator") shown below in Table 1.

The intent of this IIR is to estimate the scope of work, engineering, cost, testing, and construction schedule of distribution system reinforcements, if applicable, required to interconnect the Generator to PPL Electric's distribution grid at the location specified by the Interconnection Customer. Distribution transformer cost and lead times are included in this IIR if required. This IIR is valid for 45 calendar days from receipt and may be updated by PPL Electric, as required, to reflect changes in application queue position, which may result in changes to the estimated cost and/or lead time.

Table 1: Interconnection Customer Details

Interconnection Customer	Mt Carmel Solar LLC
Application Site Address	40.8002, -76.3771
PPL Electric Work Order	13092072
Customer's Account Number	New Service
Point of Interconnection Grid Number	37996N23376
PPL 12 kV Circuit	MOUNT CARMEL 78-02
Generation Size (kW)	3000
Voltage of PPL Service	7.2/12.47kV
Generation Type	solar
Approved for Net Metering*	Under Review
Distance to Three Phase (mi)	0.19
Distance to Substation (mi)	2.43
Energy Storage (Y/N)	No

***For applications 500kW and greater that are applying for Net Metering, the applicant is required to submit all relevant regulatory documents in a timely manner for PPL submission of the NM Recommendation to the PA PUC. Please contact businessaccounts@pplweb.com to submit any outstanding documents or for any questions, concerns, or to check the status of this application's Net Metering approval.**

As a requirement for interconnection, PPL Electric performs an engineering impact analysis of each Interconnection Customer's Generator applying to interconnect to the Distribution system on a first come, first served basis. As a result of this analysis, the Interconnection Customer will be responsible for:

1. The cost of constructing new or upgrades to the Company's facilities which are required to safely interconnect the Generator to the distribution grid while also maintaining grid reliability. See Table 2 below.
2. The installation of additional, site specific, Interconnection Customer equipment. See Table 3 below.

Results of PPL Electric's Engineering Impact Analysis

PPL Electric has completed an engineering impact analysis of the Generator as part of our Distribution Planning, Interconnection, and Protection requirements. Table 2 below provides the interconnection evaluation criteria reviewed during this engineering analysis and if new, or upgrades to, PPL Electric's facilities, referred to as "reinforcements", are required.

Table 2: Evaluation Criteria for Interconnection to PPL Electric's Electric Distribution System

Interconnection Evaluation Criteria:	Result*
Point of Common Coupling (PCC)** Recloser: <ul style="list-style-type: none"> Required for generators greater than or equal to 500kW and/or total transformation capability greater than 2.5MVA. 	Required
Voltage Reinforcement: <ul style="list-style-type: none"> Voltage support is required when the generator under review causes an unacceptable voltage or flicker condition. 	Not Required
Line Devices Reinforcements: <ul style="list-style-type: none"> Reinforcements are required if the generator under review causes device overloads, islanding risk, or protection coordination issues. 	Required
Line Extension Reinforcements: <ul style="list-style-type: none"> Reinforcements are required if the generator under review causes conductor overloads or if existing service is not available at the proposed generator's location. 	Required
Substation Reinforcements: <ul style="list-style-type: none"> Substation protection reinforcements may be required if the generator under review causes back feeding to the transmission system or other substation issues. 	Required
Service Transformer Installation/Upgrade: <ul style="list-style-type: none"> Required if the customer's existing service transformer will be overloaded due to aggregate generation on the transformer. 	Not Required

* If result is shown as "Required", details will be delineated below in Table 4.

**Formerly Point of Interconnection (POI) recloser, as of 2023.

PPL Electric's engineering impact analysis also evaluates the need for additional required equipment to be procured, installed, owned, and maintained by the Interconnection Customer, while allowing PPL Electric access, if required. In addition, this analysis identifies required settings, including but not limited to relaying, recloser, and/or SCADA settings. Table 3 below provides the interconnection evaluation criteria reviewed during the engineering analysis and any additional, site specific, Interconnection Customer equipment. ***Please Note: The costs associated with these requirements are only for the review and approval of the Interconnection Customer's drawings by PPL Electric Engineering.***

Table 3: Summary of Requirements to Interconnection Customer's Point of Interconnection

Interconnection Evaluation Criteria: **		Result
<i>Review for Required Additional Interconnection Customer Equipment at the Interconnection Customer's Expense</i>		
Intertie Relaying Requirements: <ul style="list-style-type: none"> Intertie Protective Relaying (IPR) is required for inverter-based generation greater than or equal to 5MW or if analysis determines a risk at or above 500kW Intertie Protective Relaying (IPR) is required for non-inverter-based generation when analysis indicates islanding concerns or the generator under review is greater than or equal to 2.5MW 	Not Required	

** Refer to Appendix I for more information on each criterion.

Summary of Costs

Table 4 reflects the summary of PPL Electric Reinforcements and Interconnection Customer Requirements outlined in tables 2 and 3 above. The "Total Interconnection Customer Cost Estimate" and "Estimated Time to Complete Construction from Receipt of NoCI" displayed is an order of magnitude estimate and are subject to cost of materials, labor, and final design. Costs will be adjusted after engineering and design is completed.

Table 4. Summary of Reinforcements to PPL Electric's System, from Table 2, and Order of Magnitude Costs

Description	Item Line Cost
Install Point of Common Coupling Recloser	\$85,000
3PH Primary Line Extension	\$62,000
Circuit Breaker Protection Upgrade for Sync Check	\$370,000
Substation Upgrade due to Reverse Power Flow	\$2,315,000
Replace Recloser(s) for Sync Check	\$85,000
Total Interconnection Customer Cost Estimate*	\$2,917,000
<i>Estimated Time to Complete Construction from Receipt of NoCI</i>	2 - 3 years

*Estimated costs for service work are based on the estimated cost of the transformer and 250 ft. of secondary conductor work. Should the Interconnection Customer confirm intention to proceed with the project, by return of the Notification of Customer Intent, service requirements and actual costs will be determined by PPL Engineering on-site.



Next Steps

This Interconnection Impact Review results in PPL Electric requiring system and/or Interconnection Customer reinforcements as shown in Table 2 and/or Table 3. Before engineering and design may begin, **PPL Electric must receive a signed Notification of Customer Intent (NoCI).**

The Interconnection Customer has **45 calendar days from the receipt of this IIR** to return the required notice (Attachment II). The Interconnection Customer has **45 calendar days from the receipt of this IIR** to make a non-refundable payment of the accompanying upfront invoice. The upfront invoice will equal 25% of the estimated reinforcement costs. Receipt of this notice and payment will finalize the applicant's position in the interconnection queue.

Once the signed notice to move forward is received:

- Detailed engineering of the listed reinforcements will begin.
- Upon completion of engineering, a final cost of the required work and a final invoice will be provided. The final invoice will be the difference between the final cost and the upfront invoice. The Interconnection Customer must pay this final invoice within 45 days of receipt. If PPL Electric does not receive payment within 45 days, the Interconnection Customer's application will be cancelled and removed from the interconnection queue.

PPL Electric may arrange a call to discuss more fully the technical considerations and milestones associated with this project, if needed. The specification of system reinforcements is subject to change due to changes to standards or regulations. If you have any questions or concerns regarding these matters, your PPL Electric contact is Krista Schmoyer, Interconnection Specialist, at phone # 484-634-4299.

Finally, the Generator may not be placed in service until an inspection is successfully completed and submitted, and PPL Electric provides final written approval via a signed Certificate of Completion (COC).

This response may be forwarded to your consultant or contractors as needed. For important additional Terms and Conditions, refer to Attachment I.

Interconnection Impact Review issued by:

PPL Electric Utilities

*Distribution Interconnections & Tariff Rules
Distribution Planning*

Date: 1/2/2025



Attachment I: Terms and Conditions

DER Management Device:

Effective January 1, 2023, new DERs interconnecting with the Company's distribution system must have smart inverters installed that meet: (1) UL 1741 Supplement B and (2) the Company's testing for the communications requirements under the 2018 revisions to IEEE 1547-2018 in accordance with the DER Management Plan as approved by the Pennsylvania Public Utility Commission (PUC). Additionally, a Company-owned DER Management device will be installed on the Interconnection Customer's meter and inverter, and a volt/VAR curve and ride-through settings will be remotely applied to all inverters. For more information, please visit www.pplelectric.com/REMSI.

Metering Equipment Installation at the Point of Common Coupling:

PPL Electric will design and supply the required metering equipment at no cost. However, the installation of the meter base and the secondary wiring connections are the responsibility of the Interconnection Customer. All metering installations must meet applicable PPL Electric requirements. The equipment should be housed in a suitable metering cabinet or similar enclosure and must be accessible to the Company's metering personnel.

Net Metering:

All applications are reviewed for potential Net Metering compliance. However, for Interconnection Customer applications with a nameplate equal to or greater than 500 kW, PA PUC approval is required to secure Net Metering status. If, Net metering status is requested, PPL Electric will prepare the recommendation to the PA PUC. Note: Traditionally, this recommendation is prepared in parallel with the Interconnection Impact Review (IIR). As such, PUC approval may not be secured prior to the IIR being issued.

Generation Operation Requirements for Two Line Supply:

The Generator may only be operated on a single primary feeder. The only scenario where the Interconnection Customer may be allowed to operate the generator on two primary feeders would be in a momentary paralleling situation. Momentary paralleling may be allowed under the direct supervision of the PPL Electric System Operations for switching for maintenance or emergency purposes or when returning manually back to the normal source from the alternate source. This will permit load transfers from one source to the other without dropping any load.

Intertie Relaying Equipment: *Refer to Table 3 to determine if required.*

An Intertie Protective Relaying (IPR) scheme is required at a facility when non-inverter based generation causes a risk of islanding at or above 500kW or is greater than or equal to 2.5MW. IPR is required for inverter-based generation when the total facility generation is greater than or equal to 5MW. If required, please refer to the PPL Electric website for the IPR requirements as noted below. PPL Electric's preferred relay for IPR is the SEL-751 relay package. As a failure of the single microprocessor-based relay will disable the protection, PPL Electric requires that a backup relay be installed, or the generation is disabled if the single relay is out of service. Suitable choices for backup are the SEL 351-1 or SEL-751 packages. Note: the SEL-751-A relay is not allowed.



Relay and Control Documents, Parallel Operation of Generation on Distribution 12kV and Below:
<https://www.pplelectric.com/utility/about-us/electric-rates-and-rules/customer-owned-generation/distributed-generation-documents>

Point of Common Coupling (PCC) Requirements for Distribution Voltage Customer-Owned Facilities 12kV Supply:
<https://www.pplelectric.com/site/More/About-Us/Electric-Rates-and-Rules/Point-of-contact-requirements>

Isolation Breaker Requirement:

A customer-owned isolation breaker is required to separate the generator from PPL Electric's distribution system.

Transformer Requirement:

For 12kV primary customers, transformer windings shall be WYE' to 'WYE' with a solidly grounded high side transformer winding. Refer to the latest version of 'Relay and Control Requirements for Parallel Operation of Generation':

<https://www.pplelectric.com/utility/about-us/electric-rates-and-rules/customer-owned-generation/distributed-generation-documents>

Inverter Settings:

The Interconnection Customer must install inverters that are compliant with the most recent IEEE 1547 standard and certified to UL 1741 Supplement B.

Inverter Operation:

The Interconnection Customer will be required to comply with the requirements as denoted in this IIR document to ensure that the integration of the proposed installation will provide safe and reliable operation on the Company's distribution grid.

Abnormal Configuration:

The normal source for this generation is the MOUNT CARMEL 78-02 12 kV circuit. In the event that PPL Electric needs to operate the system in an abnormal configuration causing this generator to be served by a different circuit, the generator may be required to curtail or shut down generation while abnormally configured. PPL Electric also reserves the right to change the normal source to the generation as required by system conditions.

Harmonic Guidelines:

The Interconnection Customer should be aware of PPL Electric's harmonic distortion guidelines. PPL Electric allows up to a 3% total harmonic voltage distortion level. In addition, no single harmonic shall exceed 1.7% of the system fundamental voltage. If the Company discovers that objectionable harmonics in excess of the stated limits are being injected into the system from the Interconnection Customer's equipment, Mt Carmel Solar LLC will be responsible for taking corrective measures to mitigate harmonic currents.

Flicker Guidelines:



If the customers on the MOUNT CARMEL 78-02 12 kV circuit begin to experience unacceptable voltage fluctuations due to the Generator, Mt Carmel Solar LLC will be required to take all necessary corrective actions to mitigate the problem.

Battery Energy Storage Systems:

The primary use cases for battery energy storage systems are to provide backup power during utility outages and/or to offset energy consumption. Batteries are not qualified as a Net Metering resource and may not be operated in any mode that enables the export of power to the distribution grid at any time. PPL Electric reserves the right to require the customer to install monitoring equipment at the battery terminal to ensure compliance with the Alternative Energy Portfolio Standards (AEPS) Act requirement. Batteries may export to the distribution grid if operating within a PJM market.



Attachment II: Notification of Customer Intent (NoCI)

Mt Carmel Solar LLC - WO 13092072 - Grid 37996N23376 (40.8002, -76.3771)

This form confirms Mt Carmel Solar LLC's ("Applicant" or "Customer") intentions regarding their distributed energy resource ("DER") interconnection application under Work Order 13092072, and acceptance of the Interconnection Impact Review ("IIR") dated 1/2/2025. This form must be completed, signed, and returned to Krista Schmoyer, Interconnection Specialist, at DERCoordinator@pplweb.com within 45 calendar days of the receipt of this IIR. The upfront payment as outlined in the accompanying invoice must be rendered within 45 days of receipt of this IIR. Failure to return a signed form and payment in their respective timeframes may result in a change in application queue position or the cancellation of this application. Cancellation of the application would require the submission of a new application should the Interconnection Customer intend to proceed. A change in queue position or a new application may lead to a change in cost and lead time estimates.

Interconnection Customer Acknowledgements:

The undersigned, has reviewed the IIR and confirms that the information provided in the application is stated accurately and completely, including that the generation type is solar with a nameplate output of 3000kW. Applicant has reviewed the results of the IIR and understands that there is an estimated \$2,917,000 of system reinforcements with an estimated lead time of 2 - 3 years for engineering, design, and construction. Engineering will commence upon PPL Electric's receipt of this signed Customer Intent Form. Applicant understands that final costs and lead times are subject to change based on final engineering, changes to queue position, and will be invoiced with payment due within 45 days of receipt. Failure to timely pay an invoice will result in the Interconnection Customer's application being cancelled and queue position relinquished.

Interconnection Customer Intent (select one):

The undersigned intends to move forward with this application, having read and understood any costs and timelines as delineated in the IIR and the associated Terms and Conditions (Attachment I). Applicant authorizes PPL Electric to begin the final engineering and design for the full and permanent interconnection of the generating facility at the location stated above. Applicant acknowledges that if this interconnection request is cancelled the Applicant must reimburse PPL Electric for all accrued costs associated with the engineering and design, as well as any long lead-time material procured. Applicant will cooperate with PPL Electric to meet all stated requirements for the electric interconnection of the planned generator installation. Applicant agrees to submit, upon request and in a timely manner, all the technical specifications for this generator for PPL Electric's review and acceptance. Applicant acknowledges that payment, in full, will be required within 30 days of receiving an invoice from PPL Electric. The final in-service date will be dependent on both the completion of the Applicant's interconnection requirements and PPL Electric's system reinforcements. Should the Applicant change its application, Applicant acknowledges that the Company may require submission of a new application with applicable fee, which may impact the Applicant's reinforcement costs and/or place in the interconnection queue.

The undersigned requests the cancellation of this interconnection application. Applicant acknowledges that this decision removes the application from the interconnection queue and that Applicant will be required to submit a new application with applicable fee to proceed in the future.



Signed,

Signature: _____

Company: _____

Printed Name: _____

Date: _____

Title: _____

SOLARSTONE
EXHIBIT 2



TWO NORTH NINTH STREET
ALLENTOWN PA 18101-1179

QUOTE NUMBER
81045483-3

QUOTE DATE
01/02/25

TOTAL AMOUNT
729,250.00

SOLARSTONE PARTNERS - KAYA TARHAN
MT. CARMEL SOLAR LLC
1083 NORTH COLLIER BOULEVARD # 408
MARCO ISLAND, FL 34145

MAKE CHECKS PAYABLE TO: PPL Electric Utilities Corp OR please see attached
ACH Enrollment Form to pay electronically through your Banking Institution.

--- 3 6907292500090729250006 8104548300

AMOUNT PAID

TO INSURE PROPER CREDIT, PLEASE RETURN THIS PORTION WITH PAYMENT IN ENCLOSED ENVELOPE
TO: PPL PO Box 419054 St. Louis, MO 63141

SOLARSTONE PARTNERS - KAYA TARHAN
MT. CARMEL SOLAR LLC
1083 NORTH COLLIER BOULEVARD # 408
MARCO ISLAND, FL 34145

REFER ALL INQUIRIES TO:
Customer Care Center 800-342-5775

PLEASE REFER TO THIS NUMBER WHEN
CALLING OR WRITING: 81045483-3

ITEM	DESCRIPTION	AMOUNT
1	<p>MAKE READY - ENGINEERING This invoice is for 25% IIR cost for the interconnection application under PPL WO13092072</p> <p>13092072-20 PA-61, Wilburton, PA 17888</p> <p>Payment Due: Upon Receipt</p>	729,250.00

81045483-3
QUOTE NUMBER

01/02/25
QUOTE DATE

729,250.00
TOTAL AMOUNT

PPL Electric Utilities Corp
TWO NORTH NINTH STREET, ALLENTOWN, PA 18101-1179
09436000000007

SOLARSTONE
EXHIBIT 3

From: [Schmoyer, Krista T](#)
To: brendan.cohen@solarstonepartners.com; [McDonald, Marissa Lorraine](#); [Snyder, Brenda J](#)
Cc: [Margenat, Victoria Kelly](#); [Wu-Clark, Micah](#); [Beam, George E](#); ["Kyle Blocher"](#); ["Andrew J. Reese"](#); ["Mitchell Heisler"](#); ["Neha Bhinge"](#); ["Rick Kilbourne"](#)
Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072
Date: Monday, February 10, 2025 6:19:23 AM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)

Brendan,

PPL pays for long-lead materials when ordered. If the cost to order the equipment is more than the 25% deposit, PPL covers the difference and will collect this prior to construction as the remaining 75% payment.

Thank you

Krista T Schmoyer | Senior Interconnection Specialist

Distribution Interconnections | phone: (484) 634-4299 | ktschmoyer@pplweb.com



PPL Electric Utilities
827 Hausman Road
Allentown, PA 18104



Business Use

Business Use

From: brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>
Sent: Friday, February 7, 2025 4:19 PM
To: McDonald, Marissa Lorraine <MBerneski@pplweb.com>; Schmoyer, Krista T <ktschmoyer@pplweb.com>; Snyder, Brenda J <bjsnyder@pplweb.com>
Cc: Margenat, Victoria Kelly <VKMargenat@pplweb.com>; Wu-Clark, Micah <MTClark@pplweb.com>; Beam, George E <gebeam@pplweb.com>; 'Kyle Blocher' <kyle.blocher@solarstonepartners.com>; 'Andrew J. Reese' <AREese@armgroup.net>; 'Mitchell Heisler' <mitchell.heisler@solarstonepartners.com>; 'Neha Bhinge' <Neha.Bhinge@armenertech.net>; 'Rick Kilbourne' <rick.kilbourne@solarstonepartners.com>
Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening

attachments.

Thanks, Marissa –

I have one follow-up question regarding that perhaps Krista would be best suited to answer. Can PPL confirm that it pays for long-lead material when it is ordered and not received. Moreover, what happens if the cost of long-lead items exceeds the value of the 25% deposit? Does PPL seek further funds from the interconnection customer?

Thanks again,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



This email, and any files transmitted with it, is confidential and is intended solely for the use of the addressee. If you are not the addressee, please delete this email from your system.

From: McDonald, Marissa Lorraine <MBerneski@pplweb.com>

Sent: Friday, February 7, 2025 11:07 AM

To: Schmoyer, Krista T <ktschmoyer@pplweb.com>; Snyder, Brenda J <bjsnyder@pplweb.com>; brendan.cohen@solarstonepartners.com

Cc: Margenat, Victoria Kelly <VKMargenat@pplweb.com>; Wu-Clark, Micah <MTClark@pplweb.com>; Beam, George E <gebeam@pplweb.com>; Kyle Blocher <kyle.blocher@solarstonepartners.com>; Andrew J. Reese <AREese@armgroup.net>; Mitchell Heisler <mitchell.heisler@solarstonepartners.com>; Neha Bhinge <Neha.Bhinge@armenertech.net>; Rick Kilbourne <rick.kilbourne@solarstonepartners.com>

Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

Good afternoon,

As discussed, below is the high-level breakdown of reverse power flow reinforcements required at Mount Carmel sub:

1. (6) High-side potential transformers need to be installed to monitor voltage for reverse power flow applications.
2. A protection relaying cabinet is required to perform protection functions (e.g., sync

check, etc.).

3. (2) Low-side protective device(s) need to be installed to monitor and interrupt faults.
4. A bus-tie protective device needs to be installed to ensure the voltages on each substation bus are in phase to prevent overvoltage switching in the event of a loss of a transformer.

If you have any questions, please let Krista or I know. Thank you!

Best regards,

Marissa Berneski | Senior Engineer

Distribution Planning | phone: 215.264.2233 | mberneski@pplweb.com

Business Use

Business Use

-----Original Appointment-----

From: Schmoyer, Krista T <ktschmoyer@pplweb.com>

Sent: Wednesday, February 5, 2025 3:23 PM

To: Schmoyer, Krista T; Schmoyer, Krista T; McDonald, Marissa Lorraine; Snyder, Brenda J;
brendan.cohen@solarstonepartners.com

Cc: Margenat, Victoria Kelly; Wu-Clark, Micah; Beam, George E; Kyle Blocher; Andrew J. Reese; Mitchell Heisler; Neha Bhinge; Rick Kilbourne

Subject: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

When: Friday, February 7, 2025 1:30 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: <https://pplweb.zoom.us/j/84391994522?pwd=QySMkZ2cAzZjBMD6KnDuG36M1U6KP.1>;
<https://pplweb.zoom.us/j/86065324309?pwd=CidHyaOJi3o6O9gbjRGiJPvadhwwb.1&from=addon>



Hi there,

Schmoyer, Krista T is inviting you to a scheduled Zoom meeting.

[Join Zoom Meeting](#)

One tap mobile: US: [+19292056099](tel:+19292056099)..84391994522# or [+16699006833](tel:+16699006833)..84391994522#

SOLARSTONE
EXHIBIT 4

From: [EU, DER Coordinator](#)
To: brendan.cohen@solarstonepartners.com; [EU, DER Coordinator](#)
Cc: [Beam, George E](#); [Bash, Heather M](#); [McDonald, Marissa Lorraine](#); ["Xiu, Lihe"](#); [Sinsky, Donald A](#); ["Kyle Blocher"](#); ["Rick Kilbourne"](#); ["Matthew Keenan"](#); ["Todd Stewart"](#); [Obando-Derstine, Carol](#); [Shafer, Michael J](#)
Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Wilburton - 3000kW - PPL WO 13092072
Date: Wednesday, February 5, 2025 11:03:06 AM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)

Brendan,

PPL cannot speculate on how the PUC will rule or the details associated with the ruling.

Thank you

Krista T Schmoyer | Senior Interconnection Specialist
Distribution Interconnections | phone: (484) 634-4299 | ktschmoyer@pplweb.com



PPL Electric Utilities
827 Hausman Road
Allentown, PA 18104



Business Use

Business Use

From: brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>
Sent: Tuesday, February 4, 2025 2:42 PM
To: EU, DER Coordinator <DERCoordinator@pplweb.com>
Cc: [Beam, George E](mailto:gebeam@pplweb.com) <gebeam@pplweb.com>; [Bash, Heather M](mailto:HMSmeltz@pplweb.com) <HMSmeltz@pplweb.com>; [McDonald, Marissa Lorraine](mailto:MBerneski@pplweb.com) <MBerneski@pplweb.com>; 'Xiu, Lihe' <LXiu@pplweb.com>; [Sinsky, Donald A](mailto:DASinsky@pplweb.com) <DASinsky@pplweb.com>; 'Kyle Blocher' <kyle.blocher@solarstonepartners.com>; 'Rick Kilbourne' <rick.kilbourne@solarstonepartners.com>; 'Matthew Keenan' <matthew.keenan@solarstonepartners.com>; 'Todd Stewart' <TSSstewart@hmslegal.com>
Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Wilburton - 3000kW - PPL WO 13092072

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening attachments.

Krista –

Can you provide me with an answer to my follow-up question by mid-day tomorrow, February 5? It is re-stated below for clarity:

To confirm, if we were to issue a 25% deposit for which all unspent value is refundable, and then the PUC rules that these deposits would be non-refundable thereafter, would we have an opportunity to withdraw our project from consideration and receive a refund of all unspent portions of our deposit at that time? In other words, would deposits issued while the matter is pending before the PUC become automatically non-refundable if the PUC affirmed PPL's practice of treating initial deposits as non-refundable, or would there be a grace period to allow projects with refundable deposits to withdraw?

Many thanks,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



This email, and any files transmitted with it, is confidential and is intended solely for the use of the addressee. If you are not the addressee, please delete this email from your system.

From: brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>

Sent: Friday, January 31, 2025 10:43 AM

To: 'EU, DER Coordinator' <DERCoordinator@pplweb.com>

Cc: 'Beam, George E' <gebeam@pplweb.com>; 'Bash, Heather M' <HMSmeltz@pplweb.com>; 'McDonald, Marissa Lorraine' <MBerneski@pplweb.com>; 'Xiu, Lihe' <LXiu@pplweb.com>; 'Sinsky, Donald A' <DASinsky@pplweb.com>; 'Kyle Blocher' <kyle.blocher@solarstonepartners.com>; 'Rick Kilbourne' <rick.kilbourne@solarstonepartners.com>; 'Matthew Keenan' <matthew.keenan@solarstonepartners.com>; 'Todd Stewart' <TSSstewart@hmslegal.com>

Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

Krista –

Understood. To confirm, if we were to issue a 25% deposit for which all unspent value is refundable, and then the PUC rules that these deposits would be non-refundable thereafter, would we have an opportunity to withdraw our project from consideration and receive a refund of all unspent portions of our deposit at that time? In other words,

would deposits issued while the matter is pending before the PUC become automatically non-refundable if the PUC affirmed PPL's practice of treating initial deposits as non-refundable, or would there be a grace period to allow projects with refundable deposits to withdraw?

Many thanks,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



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From: EU, DER Coordinator <DERCoordinator@pplweb.com>

Sent: Thursday, January 30, 2025 1:46 PM

To: brendan.cohen@solarstonepartners.com; EU, DER Coordinator <DERCoordinator@pplweb.com>

Cc: Beam, George E <gebeam@pplweb.com>; Bash, Heather M <HMSmeltz@pplweb.com>; McDonald, Marissa Lorraine <MBerneski@pplweb.com>; 'Xiu, Lihe' <LXiu@pplweb.com>; Sinsky, Donald A <DASinsky@pplweb.com>; 'Kyle Blocher' <kyle.blocher@solarstonepartners.com>; 'Rick Kilbourne' <rick.kilbourne@solarstonepartners.com>; 'Matthew Keenan' <matthew.keenan@solarstonepartners.com>; 'Todd Stewart' <TStewart@hmslegal.com>

Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

Brendan,

PPL Electric intends on complying with the interim order in the “unspecified developer” matter and treat unspent portions of the 25% deposit as refundable for all applicants while the “unspecified developer” matter is pending before the PUC. This is a temporary interim order, and the Company may ultimately treat these deposits as non-refundable if permitted by a final order from the PUC.

Thank you

Krista T Schmoyer | Senior Interconnection Specialist

Distribution Interconnections | phone: (484) 634-4299 | ktschmoyer@pplweb.com



PPL Electric Utilities
827 Hausman Road
Allentown, PA 18104



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From: brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>
Sent: Thursday, January 30, 2025 2:00 PM
To: EU, DER Coordinator <DERCoordinator@pplweb.com>
Cc: Beam, George E <gebeam@pplweb.com>; Bash, Heather M <HMSmeltz@pplweb.com>; McDonald, Marissa Lorraine <MBerneski@pplweb.com>; 'Xiu, Lihe' <LXiu@pplweb.com>; Sinsky, Donald A <DASinsky@pplweb.com>; 'Kyle Blocher' <kyle.blocher@solarstonepartners.com>; 'Rick Kilbourne' <rick.kilbourne@solarstonepartners.com>; 'Matthew Keenan' <matthew.keenan@solarstonepartners.com>; 'Todd Stewart' <TStewart@hmslegal.com>
Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Wilburton - 3000kW - PPL WO 13092072

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening attachments.

Krista –

Following up on my request that the 25% deposit remain fully refundable for WO 13092072. Please send a response to this request by end of day January 31, 2025.

Many thanks,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



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From: brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>
Sent: Monday, January 27, 2025 11:02 AM
To: 'EU, DER Coordinator' <DERCoordinator@pplweb.com>
Cc: 'Beam, George E' <gebeam@pplweb.com>; 'Bash, Heather M' <HMSmeltz@pplweb.com>;

'McDonald, Marissa Lorraine' <MBerneski@pplweb.com>; 'Xiu, Lihe' <LXiu@pplweb.com>; 'Sinsky, Donald A' <DASinsky@pplweb.com>; 'Kyle Blocher' <kyle.blocher@solarstonepartners.com>; 'Rick Kilbourne' <rick.kilbourne@solarstonepartners.com>; 'Matthew Keenan' <matthew.keenan@solarstonepartners.com>; 'Todd Stewart' <TStewart@hmslegal.com>

Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

Krista –

Before issuing the interconnection deposit payment, SolarStone requests that PPL's 25% deposit remain fully refundable. This request comes in the context of TotalEnergies' recent challenge to PPL's practice of requiring non-refundable interconnection deposits (i.e., docket P-2024-3051440), in which the ALJ determined that:

"Currently, the generally accepted practice among EDCs in Pennsylvania is refundable deposits. Consequently, we find that, while the corresponding formal complaint is pending, maintaining the status quo will not be injurious to the public interest. Furthermore, we concur with TotalEnergies that PPL is unharmed as well since it will still be able to retain any portion of the deposit it uses." ([ALJ Emergency Order posted 10/15/24](#))

SolarStone also understands that *"To save the time and effort involved in briefing the issue and the Commission's time and effort in reviewing this matter, PPL Electric and TotalEnergies have reached an agreement that will eliminate the need for Commission review of the Interim Emergency Order."* and that *"such deposits will remain refundable unless the Commission in its ruling on the complaint case declares that such deposits shall be non-refundable."* ([ALJ Order posted 11/14/24](#))

In the interest of saving the time and effort of all parties involved, SolarStone requests that the interconnection deposit for DER 13092072 remain refundable in line with the aforementioned generally accepted practices among EDCs in Pennsylvania.

Thank you,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



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From: EU, DER Coordinator <DERCoordinator@pplweb.com>
Sent: Wednesday, January 15, 2025 9:30 AM
To: EU, DER Coordinator <DERCoordinator@pplweb.com>; kaya.tarhan@solarstonepartners.com;
brendan.cohen@solarstonepartners.com; neha.bhinge@armenertech.net
Cc: Beam, George E <gebeam@pplweb.com>; Bash, Heather M <HMSmeltz@pplweb.com>;
McDonald, Marissa Lorraine <MBerneski@pplweb.com>; Xiu, Lihe <LXiu@pplweb.com>; Sinsky,
Donald A <DASinsky@pplweb.com>
Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton -
3000kW - PPL WO 13092072

Hi Solar Stone Partners,

Attached is the invoice for the invoice for 25% of the Total Customer Cost Estimate on the IIR. As previously discussed, this invoice must be paid on or before **2/17/2025** with the signed IIR.

Please let me know when you have initiated payment.

Thank you

Krista T Schmoyer | Senior Interconnection Specialist
Distribution Interconnections | phone: (484) 634-4299 | ktschmoyer@pplweb.com



PPL Electric Utilities
827 Hausman Road
Allentown, PA 18104



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From: EU, DER Coordinator <DERCoordinator@pplweb.com>
Sent: Thursday, January 2, 2025 10:12 AM
To: kaya.tarhan@solarstonepartners.com; brendan.cohen@solarstonepartners.com;
neha.bhinge@armenertech.net
Cc: Beam, George E <gebeam@pplweb.com>; Bash, Heather M <HMSmeltz@pplweb.com>;
McDonald, Marissa Lorraine <MBerneski@pplweb.com>; Xiu, Lihe <LXiu@pplweb.com>; Sinsky,
Donald A <DASinsky@pplweb.com>; EU, DER Coordinator <DERCoordinator@pplweb.com>

Subject: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

Hi Solar Stone Partners,

Attached is the Interconnection Impact Review for your 3000kW solar application. Once reviewed please sign and return the **Notification of Customer Intent (NoCI) found in Attachment II**. Please note, **the IIR study expires within 45 Calendar Days (2/17/2025) from the receipt of this email**, if no progress is made in the 45 Day timeframe, you will need to reapply, and the project will need to be restudied.

Please take notice, I will follow-up with the invoice for 25% of the Total Customer Cost Estimate on the IIR. This invoice must also be paid within 45 Calendar Days from the receipt of this email. This payment is non-refundable and non-transferable. Once both the completed NoCI and payment are received, PPL Electric will begin procurement of long lead materials and detailed engineering. If the NoCI and payment are not received in a timely manner, the customer may forfeit their queue position and their application may be canceled.

Please let me know if you have any additional questions.

Thank you

Krista T Schmoyer | [Senior Interconnection Specialist](#)

Distribution Interconnections | phone: (484) 634-4299 | ktschmoyer@pplweb.com



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827 Hausman Road
Allentown, PA 18104



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SOLARSTONE
EXHIBIT 5

From: [McDonald, Marissa Lorraine](#)
To: [Schmoyer, Krista T](#); [Snyder, Brenda J](#); brendan.cohen@solarstonepartners.com
Cc: [Margenat, Victoria Kelly](#); [Wu-Clark, Micah](#); [Beam, George E](#); [Kyle Blocher](#); [Andrew J. Reese](#); [Mitchell Heisler](#); [Neha Bhinge](#); [Rick Kilbourne](#)
Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Wilburton - 3000kW - PPL WO 13092072
Date: Friday, February 7, 2025 11:06:50 AM

Good afternoon,

As discussed, below is the high-level breakdown of reverse power flow reinforcements required at Mount Carmel sub:

1. (6) High-side potential transformers need to be installed to monitor voltage for reverse power flow applications.
2. A protection relaying cabinet is required to perform protection functions (e.g., sync check, etc.).
3. (2) Low-side protective device(s) need to be installed to monitor and interrupt faults.
4. A bus-tie protective device needs to be installed to ensure the voltages on each substation bus are in phase to prevent overvoltage switching in the event of a loss of a transformer.

If you have any questions, please let Krista or I know. Thank you!

Best regards,

Marissa Berneski | Senior Engineer
Distribution Planning | phone: 215.264.2233 | mberneski@pplweb.com

Business Use

Business Use

-----Original Appointment-----

From: Schmoyer, Krista T <ktschmoyer@pplweb.com>

Sent: Wednesday, February 5, 2025 3:23 PM

To: Schmoyer, Krista T; Schmoyer, Krista T; McDonald, Marissa Lorraine; Snyder, Brenda J; brendan.cohen@solarstonepartners.com

Cc: Margenat, Victoria Kelly; Wu-Clark, Micah; Beam, George E; Kyle Blocher; Andrew J. Reese; Mitchell Heisler; Neha Bhinge; Rick Kilbourne

Subject: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Wilburton - 3000kW - PPL WO 13092072

When: Friday, February 7, 2025 1:30 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: [https://pplweb.zoom.us/j/84391994522?](https://pplweb.zoom.us/j/84391994522?pwd=QySMkZ2cAzZjBMD6KnDuG36M1U6KP.1)

[https://pplweb.zoom.us/j/86065324309?](https://pplweb.zoom.us/j/86065324309?pwd=QySMkZ2cAzZjBMD6KnDuG36M1U6KP.1)

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SOLARSTONE
EXHIBIT 6



Brendan Cohen <brendan.cohen@solarstonepartners.com>

RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Wilburton - 3000kW - PPL WO 13092072

31 messages

EU, DER Coordinator <DERCoordinator@pplweb.com>

Wed, Jan 15, 2025 at 9:29 AM

To: "EU, DER Coordinator" <DERCoordinator@pplweb.com>, "kaya.tarhan@solarstonepartners.com" <kaya.tarhan@solarstonepartners.com>, "brendan.cohen@solarstonepartners.com" <brendan.cohen@solarstonepartners.com>, "neha.bhinge@armenertech.net" <neha.bhinge@armenertech.net>
Cc: "Beam, George E" <gebeam@pplweb.com>, "Bash, Heather M" <HMSmeltz@pplweb.com>, "McDonald, Marissa Lorraine" <MBerneski@pplweb.com>, "Xiu, Lihe" <LXiu@pplweb.com>, "Sinsky, Donald A" <DASinsky@pplweb.com>

Hi Solar Stone Partners,

Attached is the invoice for the invoice for 25% of the Total Customer Cost Estimate on the IIR. As previously discussed, this invoice must be paid on or before **2/17/2025** with the signed IIR.

Please let me know when you have initiated payment.

Thank you

Krista T Schmoyer | Senior Interconnection SpecialistDistribution Interconnections | phone: (484) 634-4299 | ktschmoyer@pplweb.comPPL Electric Utilities
827 Hausman Road

Allentown, PA 18104



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From: EU, DER Coordinator <DERCoordinator@pplweb.com>

Sent: Thursday, January 2, 2025 10:12 AM

To: kaya.tarhan@solarstonepartners.com; brendan.cohen@solarstonepartners.com; neha.bhinge@armenertech.net

Cc: Beam, George E <gebeam@pplweb.com>; Bash, Heather M <HMSmeltz@pplweb.com>; McDonald, Marissa Lorraine <MBerneski@pplweb.com>; Xiu, Lihe <LXiu@pplweb.com>; Sinsky, Donald A <DASinsky@pplweb.com>; EU, DER Coordinator <DERCoordinator@pplweb.com>

Subject: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Wilburton - 3000kW - PPL WO 13092072

Hi Solar Stone Partners,

Attached is the Interconnection Impact Review for your 3000kW solar application. Once reviewed please sign and return the **Notification of Customer Intent (NoCI) found in Attachment II**. Please note, **the IIR study expires within 45 Calendar Days (2/17/2025) from the receipt of this email**, if no progress is made in the 45 Day timeframe, you will need to reapply, and the project will need to be restudied.

Please take notice, I will follow-up with the invoice for 25% of the Total Customer Cost Estimate on the IIR. This invoice must also be paid within 45 Calendar Days from the receipt of this email. This payment is non-refundable and non-transferable. Once both the completed NoCI and payment are received, PPL Electric will begin procurement of long lead materials and detailed engineering. If the NoCI and payment are not received in a timely manner, the customer may forfeit their queue position and their application may be canceled.

Please let me know if you have any additional questions.

Thank you

Krista T Schmoyer | Senior Interconnection Specialist

Distribution Interconnections | phone: (484) 634-4299 | ktschmoyer@pplweb.com



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827 Hausman Road

Allentown, PA 18104



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dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately, and delete the original message.

2 attachments

81045483 Invoice for WO#13092072 ARM EnerTech Group - Mt Carmel Solar.pdf
125K



PPL Electric Utilities Payment Instructions.pdf
171K

brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>

Wed, Jan 22, 2025 at
12:11 PM

To: "EU, DER Coordinator" <DERCoordinator@pplweb.com>

Cc: "Beam, George E" <gebeam@pplweb.com>, "Bash, Heather M" <HMSmeltz@pplweb.com>, "McDonald, Marissa Lorraine" <MBerneski@pplweb.com>, "Xiu, Lihe" <LXiu@pplweb.com>, "Sinsky, Donald A" <DASinsky@pplweb.com>, Neha Bhinge <Neha.Bhinge@armenertech.net>

Krista –

Following up again here on my questions on the IIR for WO 13092072. They are restated below for clarity. As I am back in the office this week, I will follow up frequently on these items until they are fully answered. Please answer these as soon as possible.

1. What is this project's substation queue position?
2. What is this project's feeder queue position?
3. I attached the pre-application we received for the project, which estimated a cost of \$1,305,000 for a 3 MW project. What was identified in this study that was not identified in the pre-application report?
4. Do you have a list of items that are studied for the IIR that are not covered in the pre-application report?
5. Can you share the data regarding the reverse power flow and a scope summary of the upgrades required to address this?
6. What are the payment default cure times if the 25% upfront deposit payment is not made by the February 17, 2025 deadline?
7. Can we have a meeting to discuss the IIR results? I'm available at the following times next week:
 - 1/28: 9-11 AM Eastern
 - 1/29: 1-4 PM Eastern

Many thanks,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



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From: Brendan Cohen <brendan.cohen@solarstonepartners.com>

Sent: Monday, January 13, 2025 4:35 AM

To: EU, DER Coordinator <DERCoordinator@pplweb.com>; neha.bhinge@armenertech.net

Cc: Beam, George E <gebeam@pplweb.com>; Bash, Heather M <HMSmeltz@pplweb.com>; McDonald, Marissa Lorraine <MBerneski@pplweb.com>; Xiu, Lihe <LXiu@pplweb.com>; Sinsky, Donald A <DASinsky@pplweb.com>

Subject: Re: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 WIlburton - 3000kW - PPL WO 13092072

Krista -

Following up again here. I'm out this week, but I am available to meet to discuss these questions during the week of January 20. Please advise at your earliest convenience.

Many thanks,

Brendan

On Thu, Jan 9, 2025 at 12:31 PM Brendan Cohen <brendan.cohen@solarstonepartners.com> wrote:

Good Morning, Krista -

Just following up on my request for a meeting to discuss the IIR results. Can we have a meeting tomorrow to discuss them? I'm still available between 9 AM and 10:30 AM eastern.

Many thanks,

Brendan

On Mon, Jan 6, 2025 at 11:03 AM <brendan.cohen@solarstonepartners.com> wrote:

Krista –

In addition to my questions below, can we also have a meeting this week to discuss the IIR results? I'm available the following times:

- 1/8: 9-10 AM Eastern
- 1/9: 9-10 AM Eastern
- 1/10: 9-10:30 AM Eastern

Thanks again,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



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From: brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>

Sent: Monday, January 6, 2025 10:36 AM

To: 'EU, DER Coordinator' <DERCoordinator@pplweb.com>; neha.bhinge@armenertech.net

Cc: 'Beam, George E' <gebeam@pplweb.com>; 'Bash, Heather M' <HMSmeltz@pplweb.com>;

'McDonald, Marissa Lorraine' <MBerneski@pplweb.com>; 'Xiu, Lihe' <LXiu@pplweb.com>; 'Sinsky, Donald A' <DASinsky@pplweb.com>

Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

Good Morning, Krista –

I have reviewed the IIR and have the following questions:

1. What is this project's substation queue position?
2. What is this project's feeder queue position?
3. I attached the pre-application we received for the project, which estimated a cost of \$1,305,000 for a 3 MW project. What was identified in this study that was not identified in the pre-application report?
4. Do you have a list of items that are studied for the IIR that are not covered in the pre-application report?
5. Can you share the data regarding the reverse power flow and a scope summary of the upgrades required to address this?

If I could get answers to these questions by the end of the week (by January 10), that'd be much appreciated.

Many thanks,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



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From: EU, DER Coordinator <DERCoordinator@pplweb.com>

Sent: Thursday, January 2, 2025 7:12 AM

To: kaya.tarhan@solarstonepartners.com; brendan.cohen@solarstonepartners.com; neha.bhinge@armenertech.net

Cc: Beam, George E <gebeam@pplweb.com>; Bash, Heather M <HMSmeltz@pplweb.com>; McDonald, Marissa Lorraine <MBerneski@pplweb.com>; Xiu, Lihe <LXiu@pplweb.com>; Sinsky, Donald A <DASinsky@pplweb.com>; EU, DER Coordinator <DERCoordinator@pplweb.com>

Subject: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Wilburton - 3000kW - PPL WO 13092072

Hi Solar Stone Partners,

Attached is the Interconnection Impact Review for your 3000kW solar application. Once reviewed please sign and return the **Notification of Customer Intent (NoCI) found in Attachment II**. Please note, **the IIR study expires within 45 Calendar Days (2/17/2025) from the receipt of this email**, if no progress is made in the 45 Day timeframe, you will need to reapply, and the project will need to be restudied.

Please take notice, I will follow-up with the invoice for 25% of the Total Customer Cost Estimate on the IIR. **This invoice must also be paid within 45 Calendar Days from the receipt of this email.** This payment is non-refundable and non-transferable. Once both the completed NoCI and payment are received, PPL Electric will begin procurement of long lead materials and detailed engineering. If the NoCI and payment are not received in a timely manner, the customer may forfeit their queue position and their application may be canceled.

Please let me know if you have any additional questions.

Thank you

Krista T Schmoyer | Senior Interconnection Specialist

Distribution Interconnections | phone: (484) 634-4299 | kt Schmoyer@pplweb.com



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827 Hausman Road
Allentown, PA 18104



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--

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



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--

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



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 **2023_04_05 PA-478 Mt Carmel - Helfrick PPL DER Pre-Application Report.pdf**
266K

<> Mon, Jan 27, 2025 at 10:51 AM
To: "EU, DER Coordinator" <DERCoordinator@pplweb.com>
Cc: "Beam, George E" <gebeam@pplweb.com>, "Bash, Heather M" <HMSmeltz@pplweb.com>, "McDonald, Marissa Lorraine" <MBerneski@pplweb.com>, "Xiu, Lihe" <LXiu@pplweb.com>, "Sinsky, Donald A" <DASinsky@pplweb.com>, Neha Bhinge <Neha.Bhinge@armenertech.net>

Before issuing the interconnection deposit payment, SolarStone requests that PPL's 25% deposit remain fully refundable. This request comes in the context of TotalEnergies' recent challenge to PPL's practice of requiring non-refundable interconnection deposits (i.e., docket P-2024-3051440), in which the ALJ determined that:

"Currently, the generally accepted practice among EDCs in Pennsylvania is refundable deposits. Consequently, we find that, while the corresponding formal complaint is pending, maintaining the status quo will not be injurious to the public interest. Furthermore, we concur with TotalEnergies that PPL is unharmed as well since it will still be able to retain any portion of the deposit it uses." (ALJ Emergency Order posted 10/15/24)

SolarStone also understands that *"To save the time and effort involved in briefing the issue and the Commission's time and effort in reviewing this matter, PPL Electric and TotalEnergies have reached an agreement that will eliminate the need for Commission review of the Interim Emergency Order."* and that *"such deposits will remain refundable unless the Commission in its ruling on the complaint case declares that such deposits shall be non-refundable."* (ALJ Order posted 11/14/24)

In the interest of saving the time and effort of all parties involved, SolarStone requests that the interconnection deposit for DER 13092072 remain refundable in line with the aforementioned generally accepted practices among EDCs in Pennsylvania.

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



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From: brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>
Sent: Wednesday, January 22, 2025 12:12 PM
To: 'EU, DER Coordinator' <DERCoordinator@pplweb.com>
Cc: 'Beam, George E' <gebeam@pplweb.com>; 'Bash, Heather M' <HMSmeltz@pplweb.com>; 'McDonald, Marissa Lorraine' <MBerneski@pplweb.com>; 'Xiu, Lihe' <LXiu@pplweb.com>; 'Sinsky, Donald A' <DASinsky@pplweb.com>; 'Neha Bhinge' <Neha.Bhinge@armenertech.net>
Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

Krista –

Following up again here on my questions on the IIR for WO 13092072. They are restated below for clarity. As I am back in the office this week, I will follow up frequently on these items until they are fully answered. Please answer these as soon as possible.

1. What is this project's substation queue position?
2. What is this project's feeder queue position?
3. I attached the pre-application we received for the project, which estimated a cost of \$1,305,000 for a 3 MW project. What was identified in this study that was not identified in the pre-application report?
4. Do you have a list of items that are studied for the IIR that are not covered in the pre-application report?
5. Can you share the data regarding the reverse power flow and a scope summary of the upgrades required to address this?
6. What are the payment default cure times if the 25% upfront deposit payment is not made by the February 17, 2025 deadline?
7. Can we have a meeting to discuss the IIR results? I'm available at the following times next week:
 - 1/28: 9-11 AM Eastern
 - 1/29: 1-4 PM Eastern

Many thanks,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



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From: Brendan Cohen <brendan.cohen@solarstonepartners.com>

Sent: Monday, January 13, 2025 4:35 AM

To: EU, DER Coordinator <DERCoordinator@pplweb.com>; neha.bhinge@armenertech.net

Cc: Beam, George E <gebeam@pplweb.com>; Bash, Heather M <HMSmeltz@pplweb.com>; McDonald, Marissa Lorraine <MBerneski@pplweb.com>; Xiu, Lihe <LXiu@pplweb.com>; Sinsky, Donald A <DASinsky@pplweb.com>

Subject: Re: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

Krista -

Following up again here. I'm out this week, but I am available to meet to discuss these questions during the week of January 20. Please advise at your earliest convenience.

Many thanks,

Brendan

On Thu, Jan 9, 2025 at 12:31 PM Brendan Cohen <brendan.cohen@solarstonepartners.com> wrote:

Good Morning, Krista -

Just following up on my request for a meeting to discuss the IIR results. Can we have a meeting tomorrow to discuss them? I'm still available between 9 AM and 10:30 AM eastern.

Many thanks,

Brendan

On Mon, Jan 6, 2025 at 11:03 AM <brendan.cohen@solarstonepartners.com> wrote:

Krista –

In addition to my questions below, can we also have a meeting this week to discuss the IIR results? I'm available the following times:

- 1/8: 9-10 AM Eastern
- 1/9: 9-10 AM Eastern
- 1/10: 9-10:30 AM Eastern

Thanks again,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



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From: brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>

Sent: Monday, January 6, 2025 10:36 AM

To: 'EU, DER Coordinator' <DERCoordinator@pplweb.com>; neha.bhinge@armenertech.net

Cc: 'Beam, George E' <gebeam@pplweb.com>; 'Bash, Heather M' <HMSmeltz@pplweb.com>; 'McDonald, Marissa Lorraine' <MBerneski@pplweb.com>; 'Xiu, Lihe' <LXiu@pplweb.com>; 'Sinsky, Donald A' <DASinsky@pplweb.com>

Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

Good Morning, Krista –

I have reviewed the IIR and have the following questions:

1. What is this project's substation queue position?
2. What is this project's feeder queue position?
3. I attached the pre-application we received for the project, which estimated a cost of \$1,305,000 for a 3 MW project. What was identified in this study that was not identified in the pre-application report?
4. Do you have a list of items that are studied for the IIR that are not covered in the pre-application report?
5. Can you share the data regarding the reverse power flow and a scope summary of the upgrades required to address this?

If I could get answers to these questions by the end of the week (by January 10), that'd be much appreciated.

Many thanks,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



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From: EU, DER Coordinator <DERCoordinator@pplweb.com>

Sent: Thursday, January 2, 2025 7:12 AM

To: kaya.tarhan@solarstonepartners.com; brendan.cohen@solarstonepartners.com; neha.bhinge@armenertech.net

Cc: Beam, George E <gebeam@pplweb.com>; Bash, Heather M <HMSmeltz@pplweb.com>; McDonald, Marissa Lorraine <MBerneski@pplweb.com>; Xiu, Lihe <LXiu@pplweb.com>; Sinsky, Donald A <DASinsky@pplweb.com>; EU, DER Coordinator <DERCoordinator@pplweb.com>

Subject: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

Hi Solar Stone Partners,

Attached is the Interconnection Impact Review for your 3000kW solar application. Once reviewed please sign and return the **Notification of Customer Intent (NoCI) found in Attachment II**. Please note, **the IIR study expires within 45 Calendar Days (2/17/2025) from the receipt of this email**, if no progress is made in the 45 Day timeframe, you will need to reapply, and the project will need to be restudied.

Please take notice, I will follow-up with the invoice for 25% of the Total Customer Cost Estimate on the IIR. **This invoice must also be paid within 45 Calendar Days from the receipt of this email.** This payment is non-refundable and non-transferable. Once both the completed NoCI and payment are received, PPL Electric will begin procurement of long lead materials and detailed engineering. If the NoCI and payment are not received in a timely manner, the customer may forfeit their queue position and their application may be canceled.

Please let me know if you have any additional questions.

Thank you

Krista T Schmoyer | Senior Interconnection Specialist

Distribution Interconnections | phone: (484) 634-4299 | ktschmoyer@pplweb.com



PPL Electric Utilities
827 Hausman Road
Allentown, PA 18104



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--

Brendan Cohen

Director, Project Management

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Website: www.solarstonepartners.com



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brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>

Mon, Jan 27, 2025 at
11:01 AM

To: "EU, DER Coordinator" <DERCoordinator@pplweb.com>

Cc: "Beam, George E" <gebeam@pplweb.com>, "Bash, Heather M" <HMSmeltz@pplweb.com>, "McDonald, Marissa Lorraine" <MBerneski@pplweb.com>, "Xiu, Lihe" <LXiu@pplweb.com>, "Sinsky, Donald A" <DASinsky@pplweb.com>, Kyle Blocher <kyle.blocher@solarstonepartners.com>, Rick Kilbourne <rick.kilbourne@solarstonepartners.com>, Matthew Keenan <matthew.keenan@solarstonepartners.com>, Todd Stewart <TSSStewart@hmslegal.com>

Krista –

Before issuing the interconnection deposit payment, SolarStone requests that PPL's 25% deposit remain fully refundable. This request comes in the context of TotalEnergies' recent challenge to PPL's practice of requiring non-refundable interconnection deposits (i.e., docket P-2024-3051440), in which the ALJ determined that:

"Currently, the generally accepted practice among EDCs in Pennsylvania is refundable deposits. Consequently, we find that, while the corresponding formal complaint is pending, maintaining the status quo will not be injurious to the public interest. Furthermore, we concur with TotalEnergies that PPL is unharmed as well since it will still be able to retain any portion of the deposit it uses." (ALJ Emergency Order posted 10/15/24)

SolarStone also understands that *"To save the time and effort involved in briefing the issue and the Commission's time and effort in reviewing this matter, PPL Electric and TotalEnergies have reached an agreement that will eliminate the need for Commission review of the Interim Emergency Order."* and that *"such deposits will remain refundable unless the Commission in its ruling on the complaint case declares that such deposits shall be non-refundable."* (ALJ Order posted 11/14/24)

In the interest of saving the time and effort of all parties involved, SolarStone requests that the interconnection deposit for DER 13092072 remain refundable in line with the aforementioned generally accepted practices among EDCs in Pennsylvania.

Thank you,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com

Per PPL's response, it seems like they will let us issue the refundable deposit, pending a final order from the PUC. So for our purposes, it seems like a formal complaint may ultimately be moot - i.e., no need to file one prior to paying the deposit if they will accept a refundable payment from the onset, and if the PUC ultimately issues an order in support of PPL, we wouldn't have grounds to file a complaint anyway. Do you concur?

Best,

Kyle Blocher
Markets & Policy Manager
Phone: 614-940-3192
Website: www.solarstonepartners.com



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[Redacted text]

[Redacted text]

[Redacted text]

[Redacted text]



[Redacted text]

[Redacted text]

[Redacted text]

[Redacted text]

[Redacted]



[Redacted]

brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>

Fri, Jan 31, 2025 at 10:43 AM

To: "EU, DER Coordinator" <DERCoordinator@pplweb.com>
Cc: "Beam, George E" <gebeam@pplweb.com>, "Bash, Heather M" <HMSmeltz@pplweb.com>, "McDonald, Marissa Lorraine" <MBerneski@pplweb.com>, "Xiu, Lihe" <LXiu@pplweb.com>, "Sinsky, Donald A" <DASinsky@pplweb.com>, Kyle Blocher <kyle.blocher@solarstonepartners.com>, Rick Kilbourne <rick.kilbourne@solarstonepartners.com>, Matthew Keenan <matthew.keenan@solarstonepartners.com>, Todd Stewart <TSSStewart@hmslegal.com>

Krista –

Understood. To confirm, if we were to issue a 25% deposit for which all unspent value is refundable, and then the PUC rules that these deposits would be non-refundable thereafter, would we have an opportunity to withdraw our project from consideration and receive a refund of all unspent portions of our deposit at that time? In other words, would deposits issued while the matter is pending before the PUC become automatically non-refundable if the PUC affirmed PPL's practice of treating initial deposits as non-refundable, or would there be a grace period to allow projects with refundable deposits to withdraw?

Many thanks,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



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[Quoted text hidden]

brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>

Tue, Feb 4, 2025 at
11:42 AM

To: "EU, DER Coordinator" <DERCoordinator@pplweb.com>

Cc: "Beam, George E" <gebeam@pplweb.com>, "Bash, Heather M" <HMSmeltz@pplweb.com>, "McDonald, Marissa Lorraine" <MBerneski@pplweb.com>, "Xiu, Lihe" <LXiu@pplweb.com>, "Sinsky, Donald A" <DASinsky@pplweb.com>, Kyle Blocher <kyle.blocher@solarstonepartners.com>, Rick Kilbourne <rick.kilbourne@solarstonepartners.com>, Matthew Keenan <matthew.keenan@solarstonepartners.com>, Todd Stewart <TSSStewart@hmslegal.com>

Krista –

Can you provide me with an answer to my follow-up question by mid-day tomorrow, February 5? It is re-stated below for clarity:

To confirm, if we were to issue a 25% deposit for which all unspent value is refundable, and then the PUC rules that these deposits would be non-refundable thereafter, would we have an opportunity to withdraw our project from consideration and receive a refund of all unspent portions of our deposit at that time? In other words, would deposits issued while the matter is pending before the PUC become automatically non-refundable if the PUC affirmed PPL's practice of treating initial deposits as non-refundable, or would there be a grace period to allow projects with refundable deposits to withdraw?

Many thanks,

Brendan Cohen

Director, Project Management

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Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



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[Quoted text hidden]

brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>

Tue, Feb 4, 2025 at
5:51 PM

To: "EU, DER Coordinator" <DERCoordinator@pplweb.com>
Cc: "Beam, George E" <gebeam@pplweb.com>, "Bash, Heather M" <HMSmeltz@pplweb.com>, "McDonald, Marissa Lorraine" <MBerneski@pplweb.com>, "Xiu, Lihe" <LXiu@pplweb.com>, "Sinsky, Donald A" <DASinsky@pplweb.com>, Neha Bhinge <Neha.Bhinge@armenertech.net>, Todd Stewart <TSSStewart@hmslegal.com>, Kyle Blocher <kyle.blocher@solarstonepartners.com>

Krista –

Following up again here on my questions on the IIR for WO 13092072. They are restated below for clarity. As I have been asking these questions since January 6 with no response thus far, please answer these as soon as possible.

1. What is this project's substation queue position?
2. What is this project's feeder queue position?
3. I attached the pre-application we received for the project, which estimated a cost of \$1,305,000 for a 3 MW project. What was identified in this study that was not identified in the pre-application report?
4. Do you have a list of items that are studied for the IIR that are not covered in the pre-application report?
5. Can you share the data regarding the reverse power flow and a scope summary of the upgrades required to address this?
6. Can we have a meeting to discuss the IIR results? I'm available at the following times this week:
 - 2/6: 1-3 PM Eastern
 - 2/7: 11 AM - 2 PM Eastern

Many thanks,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



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From: brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>

Sent: Wednesday, January 22, 2025 12:12 PM

[Quoted text hidden]

[Quoted text hidden]



2023_04_05 PA-478 Mt Carmel - Helfrick PPL DER Pre-Application Report.pdf
266K

brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>

Tue, Feb 4, 2025 at 5:54 PM

Website: www.solarstonepartners.com



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From: brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>
Sent: Tuesday, February 4, 2025 5:52 PM
To: 'EU, DER Coordinator' <DERCoordinator@pplweb.com>
Cc: 'Beam, George E' <gebeam@pplweb.com>; 'Bash, Heather M' <HMSmeltz@pplweb.com>; 'McDonald, Marissa Lorraine' <MBerneski@pplweb.com>; 'Xiu, Lihe' <LXiu@pplweb.com>; 'Sinsky, Donald A' <DASinsky@pplweb.com>; 'Neha Bhinge' <Neha.Bhinge@armenertech.net>; 'Todd Stewart' <TSSstewart@hmslegal.com>; 'Kyle Blocher' <kyle.blocher@solarstonepartners.com>
Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

Krista –

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 - 2/7: 11 AM - 2 PM Eastern

Many thanks,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

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Sent: Wednesday, January 22, 2025 12:12 PM
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Cc: 'Beam, George E' <gebeam@pplweb.com>; 'Bash, Heather M' <HMSmeltz@pplweb.com>; 'McDonald, Marissa Lorraine' <MBerneski@pplweb.com>; 'Xiu, Lihe' <LXiu@pplweb.com>; 'Sinsky, Donald A' <DASinsky@pplweb.com>; 'Neha Bhinge' <Neha.Bhinge@armenertech.net>
Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Wilburton - 3000kW - PPL WO 13092072

Krista –

Following up again here on my questions on the IIR for WO 13092072. They are restated below for clarity. As I am back in the office this week, I will follow up frequently on these items until they are fully answered. Please answer these as soon as possible.

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[Quoted text hidden]

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[Quoted text hidden]

--

[Quoted text hidden]

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--

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com

[Quoted text hidden]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]



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Sent: Tuesday, February 4, 2025 5:52 PM
To: 'EU, DER Coordinator' <DERCoordinator@pplweb.com>
Cc: 'Beam, George E' <gebeam@pplweb.com>; 'Bash, Heather M' <HMSmeltz@pplweb.com>; 'McDonald, Marissa Lorraine' <MBerneski@pplweb.com>; 'Xiu, Lihe' <LXiu@pplweb.com>; 'Sinsky, Donald A' <DASinsky@pplweb.com>; 'Neha Bhinge' <Neha.Bhinge@armenertech.net>; 'Todd Stewart' <TSSstewart@hmslegal.com>; 'Kyle Blocher' <kyle.blocher@solarstonepartners.com>
Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

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 - 2/6: 1-3 PM Eastern
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Many thanks,

Brendan Cohen

Director, Project Management

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Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Wilburton - 3000kW - PPL WO 13092072

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[Quoted text hidden]

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[Quoted text hidden]

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Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.comWebsite: www.solarstonepartners.com

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From: brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>
Sent: Tuesday, February 4, 2025 5:52 PM
To: 'EU, DER Coordinator' <DERCoordinator@pplweb.com>
Cc: 'Beam, George E' <gebeam@pplweb.com>; 'Bash, Heather M' <HMSmeltz@pplweb.com>; 'McDonald, Marissa Lorraine' <MBerneski@pplweb.com>; 'Xiu, Lihe' <LXiu@pplweb.com>; 'Sinsky, Donald A' <DASinsky@pplweb.com>; 'Neha Bhinge' <Neha.Bhinge@armenertech.net>; 'Todd Stewart' <TSSstewart@hmslegal.com>; 'Kyle Blocher' <kyle.blocher@solarstonepartners.com>
Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

Krista –

Following up again here on my questions on the IIR for WO 13092072. They are restated below for clarity. As I have been asking these questions since January 6 with no response thus far, please answer these as soon as possible.

1. What is this project's substation queue position?
2. What is this project's feeder queue position?
3. I attached the pre-application we received for the project, which estimated a cost of \$1,305,000 for a 3 MW project. What was identified in this study that was not identified in the pre-application report?
4. Do you have a list of items that are studied for the IIR that are not covered in the pre-application report?
5. Can you share the data regarding the reverse power flow and a scope summary of the upgrades required to address this?
6. Can we have a meeting to discuss the IIR results? I'm available at the following times this week:
 - 2/6: 1-3 PM Eastern
 - 2/7: 11 AM - 2 PM Eastern

Many thanks,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.comWebsite: www.solarstonepartners.com

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From: brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>
Sent: Wednesday, January 22, 2025 12:12 PM
To: 'EU, DER Coordinator' <DERCoordinator@pplweb.com>
Cc: 'Beam, George E' <gebeam@pplweb.com>; 'Bash, Heather M' <HMSmeltz@pplweb.com>; 'McDonald, Marissa Lorraine' <MBerneski@pplweb.com>; 'Xiu, Lihe' <LXiu@pplweb.com>; 'Sinsky, Donald A' <DASinsky@pplweb.com>; 'Neha Bhinge' <Neha.Bhinge@armenertech.net>
Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

Krista –

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1. What is this project's substation queue position?
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3. I attached the pre-application we received for the project, which estimated a cost of \$1,305,000 for a 3 MW project. What was identified in this study that was not identified in the pre-application report?
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5. Can you share the data regarding the reverse power flow and a scope summary of the upgrades required to address this?
6. What are the payment default cure times if the 25% upfront deposit payment is not made by the February 17, 2025 deadline?
7. Can we have a meeting to discuss the IIR results? I'm available at the following times next week:

[Quoted text hidden]

[Quoted text hidden]

EU, DER Coordinator <DERCoordinator@pplweb.com>

Wed, Feb 5, 2025 at 11:02 AM

To: "brendan.cohen@solarstonepartners.com" <brendan.cohen@solarstonepartners.com>, "EU, DER Coordinator"

<DERCoordinator@pplweb.com>

Cc: "Beam, George E" <gebeam@pplweb.com>, "Bash, Heather M" <HMSmeltz@pplweb.com>, "McDonald, Marissa Lorraine" <MBerneski@pplweb.com>, "Xiu, Lihe" <LXiu@pplweb.com>, "Sinsky, Donald A" <DASinsky@pplweb.com>, Kyle Blocher <kyle.blocher@solarstonepartners.com>, Rick Kilbourne <rick.kilbourne@solarstonepartners.com>, Matthew Keenan <matthew.keenan@solarstonepartners.com>, Todd Stewart <TSSStewart@hmslegal.com>, "Obando-Derstine, Carol" <CObando-Derstine@pplweb.com>, "Shafer, Michael J" <MJShafer@pplweb.com>

Brendan,

PPL cannot speculate on how the PUC will rule or the details associated with the ruling.

Thank you

Krista T Schmoyer | Senior Interconnection Specialist

Distribution Interconnections | phone: (484) 634-4299 | ktschmoyer@pplweb.com



PPL Electric Utilities

827 Hausman Road

Allentown, PA 18104



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[Quoted text hidden]

[Quoted text hidden]

brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>

Wed, Feb 5, 2025 at 4:15

PM

To: "EU, DER Coordinator" <DERCoordinator@pplweb.com>

Cc: "Beam, George E" <gebeam@pplweb.com>, "Bash, Heather M" <HMSmeltz@pplweb.com>, "McDonald, Marissa Lorraine" <MBerneski@pplweb.com>, "Xiu, Lihe" <LXiu@pplweb.com>, "Sinsky, Donald A" <DASinsky@pplweb.com>, Neha Bhinge <Neha.Bhinge@armenertech.net>, Todd Stewart <TSSStewart@hmslegal.com>, Kyle Blocher <kyle.blocher@solarstonepartners.com>, "Shafer, Michael J" <MJShafer@pplweb.com>

Thank you, Krista. I accepted the Friday meeting invite. I do not plan to have an attorney attend from our side.

Best,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.comWebsite: www.solarstonepartners.com

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From: EU, DER Coordinator <DERCoordinator@pplweb.com>**Sent:** Wednesday, February 5, 2025 11:57 AM**To:** brendan.cohen@solarstonepartners.com; EU, DER Coordinator <DERCoordinator@pplweb.com>**Cc:** Beam, George E <gebeam@pplweb.com>; Bash, Heather M <HMSmeltz@pplweb.com>; McDonald, Marissa Lorraine <MBerneski@pplweb.com>; 'Xiu, Lihe' <LXiu@pplweb.com>; Sinsky, Donald A <DASinsky@pplweb.com>; 'Neha Bhinge' <Neha.Bhinge@armenertech.net>; 'Todd Stewart' <TSSstewart@hmslegal.com>; 'Kyle Blocher' <kyle.blocher@solarstonepartners.com>; Shafer, Michael J <MJShafer@pplweb.com>**Subject:** RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

Good Afternoon Brendan,

My answers below in blue.

Thank you

Krista T Schmoyer | Senior Interconnection SpecialistDistribution Interconnections | phone: (484) 634-4299 | kschmoyer@pplweb.comPPL Electric Utilities
827 Hausman Road

Allentown, PA 18104



Confidential

Confidential

From: brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>

Sent: Tuesday, February 4, 2025 8:52 PM

To: EU, DER Coordinator <DERCoordinator@pplweb.com>

Cc: Beam, George E <gebeam@pplweb.com>; Bash, Heather M <HMSmeltz@pplweb.com>; McDonald, Marissa Lorraine <MBerneski@pplweb.com>; 'Xiu, Lihe' <LXiu@pplweb.com>; Sinsky, Donald A <DASinsky@pplweb.com>; 'Neha Bhinge' <Neha.Bhinge@armenertech.net>; 'Todd Stewart' <TSSStewart@hmslegal.com>; 'Kyle Blocher' <kyle.blocher@solarstonepartners.com>

Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening attachments.

Krista –

Following up again here on my questions on the IIR for WO 13092072. They are restated below for clarity. As I have been asking these questions since January 6 with no response thus far, please answer these as soon as possible.

1. What is this project's substation queue position? 1st
2. What is this project's feeder queue position? 1st
3. I attached the pre-application we received for the project, which estimated a cost of \$1,305,000 for a 3 MW project. What was identified in this study that was not identified in the pre-application report? The pre-application was done prior to internal standard changes for Reverse Power flow, the change was made to this standard October 2024.
4. Do you have a list of items that are studied for the IIR that are not covered in the pre-application report? The Pre-Application is designed to provide a very high-level overview of timeline and reinforcements required, where the IIR is a much more detailed review of the Interconnection project.
5. Can you share the data regarding the reverse power flow and a scope summary of the upgrades required to address this? PPL will not be able to provide specific details, but we can provide a general explanation of the requirements.
6. Can we have a meeting to discuss the IIR results? I'm available at the following times this week:
 - 2/6: 1-3 PM Eastern
 - 2/7: 11 AM - 2 PM Eastern Invite will be forthcoming for 1:30pm 2/7/25. Please note if you plan to have your attorney attend, PPL will also need our attorney in attendance and we will not be able to accommodate this time frame.

[Quoted text hidden]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

From: brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>

Sent: Wednesday, February 5, 2025 7:15 PM

To: 'EU, DER Coordinator' <DERCoordinator@pplweb.com>

Cc: 'Beam, George E' <gebeam@pplweb.com>; 'Bash, Heather M' <HMSmeltz@pplweb.com>; 'McDonald,

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



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From: brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>
Sent: Wednesday, January 22, 2025 12:12 PM
To: 'EU, DER Coordinator' <DERCoordinator@pplweb.com>
Cc: 'Beam, George E' <gebeam@pplweb.com>; 'Bash, Heather M' <HMSmeltz@pplweb.com>; 'McDonald, Marissa Lorraine' <MBerneski@pplweb.com>; 'Xiu, Lihe' <LXiu@pplweb.com>; 'Sinsky, Donald A' <DASinsky@pplweb.com>; 'Neha Bhinge' <Neha.Bhinge@armenertech.net>
Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

Krista –

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[Quoted text hidden]

[Quoted text hidden]

[Quoted text hidden]

[Quoted text hidden]

[Quoted text hidden]

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4. Do you have a list of items that are studied for the IIR that are not covered in the pre-application report?
5. Can you share the data regarding the reverse power flow and a scope summary of the upgrades required to address this?

[Quoted text hidden]

[Quoted text hidden]

[Quoted text hidden]

SOLARSTONE
EXHIBIT 8



Brendan Cohen <brendan.cohen@solarstonepartners.com>

RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Wilburton - 3000kW - PPL WO 13092072

McDonald, Marissa Lorraine <MBerneski@pplweb.com>

Wed, Feb 19, 2025 at 12:40 PM

To: "brendan.cohen@solarstonepartners.com" <brendan.cohen@solarstonepartners.com>, "Schmoyer, Krista T"

<ktschmoyer@pplweb.com>, "Snyder, Brenda J" <bjsnyder@pplweb.com>

Cc: "Margenat, Victoria Kelly" <VKMargenat@pplweb.com>, "Wu-Clark, Micah" <MTClark@pplweb.com>, "Beam, George

E" <gebeam@pplweb.com>, Kyle Blocher <kyle.blocher@solarstonepartners.com>, "Andrew J. Reese"

<AReese@armgroup.net>, Mitchell Heisler <mitchell.heisler@solarstonepartners.com>, Neha Bhinge

<Neha.Bhinge@armenertech.net>, Rick Kilbourne <rick.kilbourne@solarstonepartners.com>

Brendan,

They'll be installed on the transformer side of the box structure between the transformer and the high side fuses.

Best regards,

Marissa McDonald | Senior EngineerDistribution Planning | phone: 215.264.2233 | mberneski@pplweb.com

Business Use

Business Use

From: brendan.cohen@solarstonepartners.com <brendan.cohen@solarstonepartners.com>**Sent:** Thursday, February 13, 2025 11:59 AM**To:** McDonald, Marissa Lorraine <MBerneski@pplweb.com>; Schmoyer, Krista T <ktschmoyer@pplweb.com>;

Snyder, Brenda J <bjsnyder@pplweb.com>

Cc: Margenat, Victoria Kelly <VKMargenat@pplweb.com>; Wu-Clark, Micah <MTClark@pplweb.com>; Beam,

George E <gebeam@pplweb.com>; 'Kyle Blocher' <kyle.blocher@solarstonepartners.com>; 'Andrew J. Reese'

<AReese@armgroup.net>; 'Mitchell Heisler' <mitchell.heisler@solarstonepartners.com>; 'Neha Bhinge'

<Neha.Bhinge@armenertech.net>; 'Rick Kilbourne' <rick.kilbourne@solarstonepartners.com>

Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Wilburton - 3000kW - PPL WO

13092072

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening attachments.

Marissa –

Will the high-side PT's be installed on the transformer side of the transmission box structure or on the transmission tap side of the transmission box structure?

Many thanks,

Brendan Cohen

Director, Project Management

Phone: 651-336-4640

Email: brendan.cohen@solarstonepartners.com

Website: www.solarstonepartners.com



This email, and any files transmitted with it, is confidential and is intended solely for the use of the addressee. If you are not the addressee, please delete this email from your system.

From: McDonald, Marissa Lorraine <MBerneski@pplweb.com>

Sent: Friday, February 7, 2025 11:07 AM

To: Schmoyer, Krista T <ktschmoyer@pplweb.com>; Snyder, Brenda J <bjsnyder@pplweb.com>; brendan.cohen@solarstonepartners.com

Cc: Margenat, Victoria Kelly <VKMargenat@pplweb.com>; Wu-Clark, Micah <MTClark@pplweb.com>; Beam, George E <gebeam@pplweb.com>; Kyle Blocher <kyle.blocher@solarstonepartners.com>; Andrew J. Reese <AReese@armgroup.net>; Mitchell Heisler <mitchell.heisler@solarstonepartners.com>; Neha Bhinge <Neha.Bhinge@armenertech.net>; Rick Kilbourne <rick.kilbourne@solarstonepartners.com>

Subject: RE: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Willburton - 3000kW - PPL WO 13092072

Good afternoon,

As discussed, below is the high-level breakdown of reverse power flow reinforcements required at Mount Carmel sub:

1. (6) High-side potential transformers need to be installed to monitor voltage for reverse power flow applications.
2. A protection relaying cabinet is required to perform protection functions (e.g., sync check, etc.).
3. (2) Low-side protective device(s) need to be installed to monitor and interrupt faults.
4. A bus-tie protective device needs to be installed to ensure the voltages on each substation bus are in phase to prevent overvoltage switching in the event of a loss of a transformer.

If you have any questions, please let Krista or I know. Thank you!

Best regards,

Marissa Berneski | Senior Engineer

Distribution Planning | phone: 215.264.2233 | mberneski@pplweb.com

Business Use

Business Use

-----Original Appointment-----

From: Schmoyer, Krista T <ktschmoyer@pplweb.com>

Sent: Wednesday, February 5, 2025 3:23 PM

To: Schmoyer, Krista T; Schmoyer, Krista T; McDonald, Marissa Lorraine; Snyder, Brenda J; brendan.cohen@solarstonepartners.com

Cc: Margenat, Victoria Kelly; Wu-Clark, Micah; Beam, George E; Kyle Blocher; Andrew J. Reese; Mitchell Heisler; Neha Bhinge; Rick Kilbourne

Subject: Interconnection Impact Review - Mt Carmel Solar LLC - PA Route 61 Wilburton - 3000kW - PPL WO 13092072

When: Friday, February 7, 2025 1:30 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: <https://pplweb.zoom.us/j/84391994522?pwd=QySMkZ2cAzZjBMD6KnDuG36M1U6KP.1>; <https://pplweb.zoom.us/j/86065324309?pwd=CidHyaOJi3o6O9gbjRGiJPvadhwwb.1&from=addon>



Hi there,

Schmoyer, Krista T is inviting you to a scheduled Zoom meeting.

[Join Zoom Meeting](#)

IIR Information – WO 13092072

Upgrades	Cost
Install Point of Common Coupling Recloser	\$85,000
3PH Primary Line Extension	\$62,000
Circuit Breaker Protection Upgrade for Sync Check	\$370,000
Substation Upgrade due to Reverse Power Flow	\$2,315,000
Replace Recloser(s) for Sync Check	\$85,000
Total Cost	\$2,917,000
Estimated Time to Complete Construction from Receipt of NoCI	2 – 3 Years

Current Queue Status

WO	Customer Name	System kW	Feeder	Status	App. Date
13092072	MT Carmel Solar LLC (SolarStone)	3000	47802	NOCI Sent	6/19/2024
13845057	[REDACTED]	3000	47802	Sup. Review	8/26/2024
13844668		3000	47802	Sup. Review	8/26/2024
13844900		3000	47802	Initiated	8/26/2024

Note: The last project was not studied yet due to an incorrect one line submitted for this project.

Projected RIS Dates of Current Queued Applications

WO	Customer Name	Cost Estimates	Leadtime	RIS Date
13092072	MT Carmel Solar LLC (SolarStone)	\$2,917,000	2-3 years	2/21/2028
13845057		\$1,309,330	1 – 1.5 years	2/21/2028
13844668		\$1,146,033	1 – 1.5 years	2/21/2028
13844900		N/A	N/A	2/21/2028

Note: RIS dates determined as if **NOCI letter was signed on 2/21/2025**. RIS dates reflect queue as applications behind in queue cannot go into service until upgrades for applications ahead are completed.

Note: The last 3 projects have the same RIS date as the first because they cannot go into service before MT Carmel Solar LLC’s reinforcements are completed.

Estimates if WO 13092072 Cancels

WO	Customer Name	Adjusted Cost Estimate	Adjusted Leadtime	Adjusted RIS Date
13845057		\$4,079,330	2 – 3 years	2/21/2028
13844668		\$1,146,033	1 – 1.5 years	2/21/2028
13844900		N/A	N/A	2/21/2028

Note: RIS dates determined as if **NOCI letter was signed on 2/21/2025**. RIS dates reflect queue as applications behind in queue cannot go into service until upgrades for applications ahead are completed.