

Minutes of the October 13, 2022 Interconnection Working Group (IWG) Meeting

Attendees:

DER Industry

<u>Name</u>	<u>Company</u>	<u>Name</u>	<u>Company</u>
Dhruv Patel	NYSEIA	William Mayer	ConnectDER
Gregory Sachs	Empower Solar	Nora Lardner	ConnectDER
Steve Foley	Sunrise Power Solution	Santiago Quijano	BlueWave Solar
Jonathan Demay	Bloom	Jonathan Knauer	ConnectDER
Carlos Lanza	Harvest Power	Zachary Caruso	Avangrid Service Co
Lorne Brousseau	Horizon Solar LLC	Steven Rymsha	Sunrun
Colin Mattox	ConnectDER	Gurudatta Belavadi	Boreggo Solar

LIPA / DPS

<u>Name</u>	<u>Company</u>	<u>Name</u>	<u>Company</u>
Nafiul Jami	DPS-LI	Pete Mladinich	LIPA

PSEG LI

<u>Name</u>	<u>Company</u>	<u>Name</u>	<u>Company</u>
Anie Philip	PSEG LI	Amrit Singh	PSEG LI
Steven Genzardi	PSEG LI	Iram Iqbal	PSEG LI
Don Mathew	PSEG LI	Robert Argiro	PSEG LI
Nick Montanaro	PSEG LI	Ali Akgul	PSEG LI
Anthony Gorgone	PSEG LI	Yuri Fishman	PSEG LI
Scott Brown	PSEG LI	Reigh Walling	PSEG LI Consultant
Logan Matty	PSEG LI		
Curt Dahl	PSEG LI		
Jalpa Patel	PSEG LI		

Introduction

Mr. Brown opened the meeting at 9:00 am by welcoming everyone and conducting a roll call.

IWG Compliance Guidelines

Mr. Brown reviewed the Compliance Guidelines with participants, including expectations, procedures, policies and topics to avoid which are stated in the compliance document.

1. PSEGLI - Review posted SGIP Cost Sharing changes & timeline for comments

Mr. Brown introduced the proposed SGIP changes and the process for them being implemented. This cost sharing proposal will further align PSEG LI with the NYS-SIR. There is a new appendix E in our tariff dedicated to cost sharing. Mr. Brown opened up the topic to questions. Mr. Patel pointed out that cost sharing will be open for 10 years as opposed to the 5 years that is being implemented in NYS. He also asked about the purpose of another difference, which is in the MVD project study results not including the Hosting Capacity enabled. Mr. Brown responded that this will be addressed as it may be an oversight in editing the document. Upgrade costs will be available on the hosting capacity map. Mrs. Cox-Arslan asked when the capital project planning takes place, and the confidentiality procedures in place for cost sharing. Mrs. Iqbal urges attendees to utilize the SAPA process for technical questions as that is the process.

2. 10:00 PSEGLI - SGIP survey and results

Mr. Brown introduced the SGIP survey tools for both residential and commercial, and asked for comments on the SGIP process. Mr. Foley asked for improvements with the SGIP portal, including a way for one person to see all projects from the company. Mr. Brown answered that PSEG LI is looking into making a couple of smaller changes while we wait for a larger overhaul to be put into place. Mr. Sachs asked for multiple emails reminding folks about the survey, especially for commercial projects. Mr. Brown responded that PSEG LI wants to find a balance between a good response rate and blasting the inbox of survey recipients. Mr. Foley suggested sending the surveys higher up, as opposed to sending to those who submit the application. Mrs. Iqbal suggested to talk to those who submit the applications about the importance of the survey.

3. 10:10 PSEGLI - Credit card payment provision for payments in SGIP

Mr. Brown described the implementation of a credit card payment option in addition to the traditional payments by check and the use of wiring or electronic payments. In August, a credit card provision was created to pay application fees. The website shows the choices available for payments. For those that have access to the portal there is a new online payment section. This section allows users to pay fees on the website. Applicants will enter project information, name and make the payment.

4. 10:15 PSEGLI - Hosting Capacity Study Update

Mr. Singh provided an update on the hosting capacity study, with the next steps being the study of individual circuits. This phase will end by December 31st, 2022. Mr. Sachs asks if there is a plan for further upgrades following the hosting capacity study. Mr. Singh responds that the next step after the study hasn't been determined yet, and it will be decided based on what is found. Mrs. Belavadi asks if the results will be shared and when would they be available for viewing. Mrs. Philips answered that the study will be complete by the end of the year 2022, the outcome is likely to be shared early next year.

5. 10:25 Industry – IEEE 1547

Mr. Sachs stated that the industry understands that PSEGLI will publish SB compliant inverter settings in its ITR document. Mr. Brown responded that PSEG LI are looking to update the document in early January. It is clarified that the ITR will be updated to include IEEE 1547 on January 1st, 2023. Mr. Walling comments that PSEG doesn't have to totally align with what JU does. There is a concern that manufacturers may not be ready for rollout on January 1st and which we are closely following

6. 10:40 Industry – Cost Matrix discussion on value & use for Industry

Mr. Patel presented the case for a PSEG LI provided cost matrix to assist industry with cost estimates. He states that the industry has experienced frequent inconsistencies in construction costs making it difficult to predict costs. This leads to the need for reconciliation of the funds in the future, reducing the developer's bandwidth to deploy additional DER. An Upgrade cost estimate sample would list typical system upgrades experienced by developers, include the quantity/name/rating/per unit cost of each piece of equipment, as well as possible tax, labor, overhead, etc., showing the total cost of each part. This would enhance developers' capability to accurately forecast interconnection costs and provide insight on specific equipment that is frequently upgraded by DER developers. Mr. Brown stated that it is within reason for PSEG to provide some date/range on some of the common costs seen in the past, and some type of matrix can be put together on some of the more common types of upgrades.

7. 11:00 Industry – Hawaii's Volt-Watt lessons learned

Mr. Rymsha presented on Hawaii's DER policies. These policies were able to greatly increase the hosting capacity on Hawaii's power grid. Mr. Walling asked for the nature of feeders in Hawaii, and means of voltage regulation on feeders. Mr. Rymsha responded that feeders can stretch for many miles, voltage regulators and capacitor banks are used as well as tap changers to manage voltage. Mr. Walling states that distribution systems are quite different from place to place, and it would be careless to assume that conclusions drawn from one system can be applied to another without further looking into it. Mr. Rymsha describes a Quick connect program for small (<100kW) projects on feeders with sufficient hosting capacity, which allows them to connect prior to receiving approval from utility, so long as they have Volt-Watt enabled. Mr. Walling asked if implementing DER up to 166% of transformer nameplate rating is a planned overload, and if they have observed issues such as bubbling or dielectric breakdown

as a result. Mr. Rymsha responded that it is a planned overload with risks, but those issues have not been observed.

8. 12:00 End

Mr. Brown thanked everyone for attending, next meeting date is December 15 (Later changed to January 10).