

Minutes of the January 10, 2023 Interconnection Working Group (IWG) Meeting

Attendees:

DER Industry

<u>Name</u>	<u>Company</u>	<u>Name</u>	<u>Company</u>
Dhruv Patel	NYSEIA	Rainier Solanzo	Bloom Energy
Gregory Sachs	Empower Solar	Jim Purekal	SunPower Corp
Steve Foley	Sunrise Power Solution	Santiago Quijano	BlueWave Solar
Rashad Omar	BlueWave Solar	Jonathan Knauer	ConnectDER
Tom Casey	Harvest Power	Zachary Caruso	Avangrid Service Co
Komal Shetye	Bloom Energy	Steven Rymsha	Sunrun
Jonathan Demay	Bloom Energy	Gurudatta Belavadi	Boreggo Solar
Mark Coles	East Side Solar	Russel Like	EPRI
Wei Ren	ERPI	Chris Hoffman	Premier Solar
Scott Sousa	Sunnation	Andrew Chow	Sun Power
Drew Smith	Smarter Grid Solutions	Gabe Viscariello	National Grid

LIPA / DPS

<u>Name</u>	<u>Company</u>	<u>Name</u>	<u>Company</u>
Nafiul Jami	DPS-LI	Pete Mladinich	LIPA
Mark Tintera	DPS	Bradley Malmberg	DPS

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	Curt Dahl	PSEG LI
Anthony Gorgone	PSEG LI	Yuri Fishman	PSEG LI
Scott Brown	PSEG LI	Reigh Walling	PSEG LI Consultant
Alex Majeru	PSEG LI		

Introduction

Mr. Brown opened the meeting at 2:00pm by welcoming everyone and conducting a roll call and announced that this meeting is a replacement for the one that was scheduled for December 15, 2022

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. Nat GRID & EPRI - Active Resource Integration Pilot presentation

Mr. Viscariello introduced National Grid's Active Resource Integration Pilot program. This program actively manages DG sites with the goal of hosting more DER without physical upgrades to the system. The use of flexible interconnection was able to increase the hosting capacity of circuits in the pilot program. Mr. Like from EPRI presented on curtailment logic for flexible DER, comparing LIFO (last in first out) vs pro rata curtailment. Mr. Ren from EPRI elaborated on Mr. Like's presentation with an illustrative example. Ms. Philip asked about the implementation of the curtailment logic. Mr. Ren answered that it was python assisted, with load flows run through CYME. Mr. Walling asked if it is possible pro rata has impacts as connected DER approaches the upper boundary, making it no longer economically viable for all who connect. Mr. Like responded that there will be some agreed upon upper limit on DER, but its true return on investment will go down. Mr. Walling expressed concern that even with a cap, it is possible this curtailment would divert DER to other feeders. Mr. Sachs stated that industry is presently undecided on the topic of LIFO vs pro rata. Mr. Sachs asked for a clarification on increase of hosting capacity resulting from the National Grid pilot program. Mr. Viscariello answered that they saw a 54% increase equating to an additional 15 MW. Mr. Sachs says that while hosting capacity increases come at risk of curtailment, industry is excited. The topic closed as Mr. Viscariello and Mr. Like departed, and Mr. Ren stayed on to answer any potential further questions.

2. PSEGLI – IEEE 1547 SB review

Mr. Patel presented a table of IEEE 1547 implementations across different utilities. Mr. Walling talked about the new IEEE 1547 settings and how they impact developers. Mr. Sachs asked what possible changes are being considered for these new settings. Mr. Walling answered all changes will be discussed internally. Mr. Walling said there were concerns over Volt-VAR, so it will not be the default setting.

Mr. Sachs asked for PSEG comment on applications received since Jan 1, as this is when updated IEEE 1547 SB was implemented. Mr. Brown answered that PSEG has been in touch with developers and are making sure they are providing inverter document to them. Mr. Clejan asked if inverter settings are changed after approval, will inverters that are energized be required to change. Mr. Mathew answered that there is a chance there are changes, but the intent is to not have the settings change once approved.

3. PSEGLI – Cost Sharing Stakeholder Comments

Mr. Brown reviewed the memo to the LIPA Board which had four comments regarding cost sharing which the LIPA Board approved at its December, 2022 meeting. The first was regarding data transparency, and Mr. Brown expressed concerns over how much data PSEGLI is able to share. Next was a proposed change to the MVD portion of cost sharing, with industry being concerned over the 24 month timeline being too short. Mr. Brown answered LIPA will be sticking with what the JU has and is in the SIR for now and adhering to the original timeline. The third comment was a proposal to increase the funding timeline from 90 to 180 days. Mr. Brown responded that LIPA is open to this but wants to align with JU. The final comment was a request for a cost sharing review and report after one year. Mr. Brown answered that LIPA agrees, and there will be a review and report after one year. Mr. Brown concluded the topic and emphasized that there is more to come on cost sharing at future IWG meetings.

4. Proposed meeting dates

Mr. Brown introduced the proposed meeting dates, which are listed below:

- March 30
- June 22
- September 21
- December 14

A comment was made to perhaps have the December meeting earlier, as it gets very busy, but acknowledging the Thanksgiving holiday as well.

All meetings are tentatively set for 9:00am – 12:00pm.

5. Open Items

Mr. Sachs raised some questions on flexible interconnections. He emphasized that because big upgrades are a long time away, flexible interconnection can be a stopgap before larger capital projects improve hosting capacity. Mr. Foley added that because of a lot of electrification pushes in the state, it is important to be proactive. Mr. Sachs asked for an update on hosting capacity study. Ms. Philip said that the goal is to have results ready for next IWG meeting. Mr. Sachs asked for an update on the cost matrix. Mr. Brown answered that it is being putting together and will likely be ready by the end of February.

6. 4:30 End

Mr. Brown thanked everyone for attending and announced that the next meeting date is set for March 30.