

# IEEE 1547-2018 Adoption - Follow Up Questions & Smart Inverters Setting Verification Procedures

*Industry Presentation for both  
NYS-ITWG 15 December &  
PSEGLI-IWG 17 December meetings*

## Preface

- The Joint Utilities presented on October 13, 2021 a "Smart Inverter Working Group Update". This presentation can be downloaded on the [DPS ITWG website](#) (or the [ITWG Industry](#) files).
- It is Industry's current understanding that all inverters **applied for** starting July 1, 2021, must be IEEE SB complaint
- Additionally, once any SB compliant inverter is installed, it must have the correct unattended, bulk and SI settings, as outlined in the JU presentation.
- The questions herein seek clarification on implications regarding the points above.

## Industry Questions

1. What is our current understanding of the process for inputting the settings into each inverter? (For example: Logging into each inverter firmware interface and modifying each setpoint one by one? Upload a master CSV file? Etc.)
2. As part of the inverter/site commissioning process, how will each utility verify that the proper settings are inputted? Will the verification procedure differ based on inverter and/or aggregate system size? (For example: Screenshot? In-person/remote verification? Etc.)
  - a. How does the verification procedure differ for micro-inverters? Is the developer required to verify settings for all microinverters on-site?
3. It is our understanding in previous discussions that ALL inverters applied for after the implementation date, regardless of size, must be IEEE 1547-2018 compliant. Please confirm. (For example, will residential inverters not be required to have the stated setpoints?)