



STATE OF CONNECTICUT

PUBLIC UTILITIES REGULATORY AUTHORITY

CONNECTICUT DISTRIBUTED GENERATION TECHNICAL WORKING GROUP

MEETING AGENDA

Wednesday, November 23, 2022

9:00 AM – 10:30 AM

Location: Microsoft Teams

Interconnection Guidelines Discussion

- Kavita Ravi asked whether there are fixed timelines for the interconnection guidelines
- David Ferrante responded that there are timelines, which are modeled on the FERC process but that Eversource is looking at ways to speed up the fast-track process
- David stated that the EDCs have done guidelines presentations for developers in the past and can do them again if requested
- Carl N. and Cornelius S. of Eversource and UI, respectively offered their contact info if developers had any questions
- Joe Debs and Joe Marranca stated that they were working on the initial review of the Fast-Track and Study guidelines and looking at ways to revise the screens to speed up the process
- Zak asked for topics for the technical working group to focus on in 2023
 - Kavita suggested the group discuss the implementation timelines of IEEE-1547 2018 standards
 - Joe Debs responded that CT is following the MA-TSRG's lead regarding timelines
 - Kavita also suggested we examine use of active frequency detection in lieu of direct transfer trip
 - David replied that Eversource has been very involved in looking at solutions to avoid projects having to use direct transfer trip equipment
- Kavita also provided updates on what some other jurisdictions are doing regarding use of inverter data regarding modeling and also mentioned the TSRG PSCAD subgroup. Kavita asked about what requirements/specifications are/will be required in CT
 - David responded that we are letting Massachusetts take the lead in order to not duplicate efforts
- Joe Marranca stated that UI does not have a business presence in MA but he will look into becoming more familiar with the TSRG
- Joe also stated that UI is working on a RoCoF pilot program with Bloom Energy instead of using DTT or phase comparison
 - David Ferrante expressed interest in learning about the results of UI's RoCoF pilot.

- Witness testing is scheduled for mid-December
 - The working group will review the results of the pilot program in February or March
- Kavita responded that mitigation schemes have also been used in Maine
- Zak asked Jon Demay whether using RoCoF will save money on interconnection costs
 - Jon responded that in the case of the pilot it would likely be a break-even but going forward it could save tens of thousands of dollars in equipment costs
- Zak asked whether wireless signals could be used rather than hardlines for transfer trip
 - Eversource explained that it wasn't used currently but that they would be open to the possibility if the project used multiple carriers

Revisions to Existing Screens

- Joe Marranca talked about a potential faster "Fast Track" process for behind-the-meter projects, which could be as fast as the residential process
 - The goal is to automate as much of the process as possible
- David Ferrante stated that taking these steps could put Connecticut on the leading edge of interconnection processes, potentially providing near-instant contingent approval
- Joe Marranca stated that it will take a little while to get to that point on the IT side. There currently aren't enough ways for the necessary systems to communicate with each other
- Jon Demay informed the group that Hawaii has an automatic process for projects up to 100kW
- Zak asked whether there needed to be any changes to the IC guidelines for buy-all or storage projects
 - Joe Marranca stated that for these projects they are still looking at aggregate nameplate capacity
 - David and Carl mentioned that, although not directly a part of the interconnection process, metering issues often come up in the interconnection review and can lead to customer frustration because of delays from metering issues
 - David asked whether a metering subgroup would be helpful
- Jon Demay asked about various configurations of behind-the-meter projects and how the 2MW cap applies when there are multiple service, substations, or meters involved in the project and whether there is flexibility to aggregate beyond 2MW and how interconnection would proceed for those projects
 - Joe Marranca responded that UI will look at one site as a single location for interconnection purposes, regardless of the number of meters.