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Docket No. 26-08-05 Order 15 Energy Storage Solutions Interconnection Status Report

Introduction

The Connecticut Light and Power Company d/b/a Eversource Energy ("Eversource") prepared this Interconnection Status Report in compliance with Order No. 15 of the December 17, 2025 Final Decision of the Public Utilities Regulatory Authority ("PURA") in Docket No. 25-08-05, *Annual Energy Storage Solutions Program Review Year 5* (the "Final Decision").

Specifically, Order No. 15 states:

> *Reference Decision, Nov. 29, 2023, Docket No. 23-08-05, Order No. 26, p. 62: No later than August 1, 2024, and annually thereafter, until the ESS program stops accepting new enrollments, each EDC shall file as compliance an ESS Interconnection Report, as detailed in Section IV.D., in the applicable annual review proceeding (i.e., in 2024, Docket No. 24-08-05). The Report shall consist of a summary of the state of interconnection for all commercial ESS projects and shall include, at a minimum: (1) the interconnection status of each commercial ESS project; (2) the expected EDC interconnection approval due date for each commercial project per EDC interconnection guidelines, as applicable; (3) the date all required interconnection materials were submitted to the utility for each commercial ESS project; (4) the number of days from when all required interconnection materials were submitted to the utility for each commercial ESS project up to the completion of the interconnection process; (5) the attrition rate for all commercial ESS projects, based on the withdrawal of a project's interconnection application; (6) a list of the most common reasons for ESS interconnection delays; and (7) EDC-proposed solutions for each of the most common reasons delaying ESS interconnections.*

As of July 24, 2026, there are 55 C&I ESS project interconnection applications in the Eversource queue. All interconnection status of ESS projects, plus the number of days each project has been in its current status can be found in Attachment 1[1].

[1] See DN 26-08-05 Attachment A ESS Interconnection Report.

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Online Projects

Of those 55, three projects have received permission to operate ("PTO"). The average number of days from the date all materials were submitted to Powerclerk, the project received Contingent Approval, and the Interconnection Agreement was fully executed is 9. (See Attachment 2[2])

ESS-00960
ESS-01486
ESS-02505

Withdrawn Projects - 14

Of the 55 projects submitted to Eversource interconnection, 11 have been withdrawn, resulting in an attrition rate of 20%. Withdrawn projects are:

ESS-00036
ESS-00172
ESS-00963
ESS-00997
ESS-01000
ESS-01002
ESS-01006
ESS-01007
ESS-01008
ESS-01009
ESS-01017

The remaining 44 projects are working their way through the interconnection process. All project statuses as of July 24, when this report was created, are listed in Attachment 1.

Expected Online Date

It is not possible to predict the expected online date for C&I projects making their way through the interconnection queue. This is because the interconnection process is iterative. The process involves quite a bit of back and forth between the developer and the electric distribution company ("EDC"). This back-and-forth correspondence continues after the initial application has been submitted and throughout the lifecycle of the project. Generally, at various points in the energy storage project development process, the EDC requires more or updated information about the project and/or the developer and must decide if, when, and how to proceed.

Most Common Reasons for Interconnection Delays

The most common reason for Interconnection delays from the Eversource standpoint regarding the ESS program is that the utility is waiting for the developer to take an action, such as make a

[2] See DN 26-08-05 Attachment B Online Projects

decision after receiving the results of a study, sign an agreement and submit a payment, submit a proof of insurance, revise and submit updated designs, etc. It is important to note that just as Eversource is reviewing hundreds of Interconnection Applications at any given time, developers are often working on multiple different projects in multiple different locations at the same time.

In addition, the following reasons create significant delays to the overall battery energy storage system (BESS) interconnection process for large projects:

1. Interconnection projects greater than 1 MW are required to comply with ISO-NE requirements, which may lead to a transmission Level III study, and last more than 18 months to complete.
2. Many battery energy storage systems (BESS) projects require large charge and discharge rate that exceed the hosting capacity of a circuit, the maximum allowable load a circuit or substation can support and the customer service size.

3. Developers wish to maximum the size of the BESS and typically want to know the maximum allowable BESS size that can be interconnected without significant upgrades, so in general they do not provide operational schedules. This leads to an iterative interconnection study process that increases the time frame to conduct studies but provides BESS developers with the desired outcome of a maximum allowable size with minimal upgrades.

Recommendations

Developers should not submit projects into the Interconnection queue until they have a complete understanding of the project they want to build, including a customer agreement, financing, insurance, equipment selection and subcontractor selected. In some cases, the projects above were submitted prematurely to the Interconnection queue, before the developer had all the material information that it needed about the project.

To avoid an ISO-New England study, which can take up to 18 months, developers should keep projects below 1 MW in capacity.