Date Filed: September 22, 2026

Witness: Lavelle A. Freeman, Juan F. Martinez, Steven C. Osuch, Andrew C. Belden, Gerhard Walker and Warren R. Boutin
Request from: Office of Consumer Counsel

Question:

Refer to Exhibit CLP-TSP-3 at 107-108, "Enable dynamic flexible interconnections to reduce costs of DER integrations)".

a. Please describe the status of developing a dynamic flexible interconnection program including when the Company expects to conduct its first demonstrations.
b. Has the Company evaluated using dynamic flexible interconnection as a way to defer to the proposed upgrades as part of the proposed Shared Hosting for Advancement of Renewable Energy (SHARE) Program?

Response:

a. Please refer to OCC-583, Attachment 1, for the Joint EDC's Proposal for Implementing Flexible Interconnections in CT. Specifically, refer to OCC-583 Attachment 1, at 13, for the joint EDC's plan for implementing Flexible Interconnections across both EDC service territories. Eversource's plan for enabling flexible interconnections in Connecticut was filed on March 16, 2026, in Docket No. 25-01-27, and at this time does not include dynamic flexible interconnections due to the need to first implement an ADMS system and a DERMS system.

b. The Company has not evaluated utilizing dynamic flexible interconnections as a way to defer the upgrades proposed for the SHARE program.

   Currently, the SHARE program and dynamic flexible interconnection target different needs for DER developers and the Company. The SHARE program is intended to target larger DER development in more rural areas where the available real estate for DER exceeds the load in the region. The Flexible Interconnection program is intended to target underutilized hosting capacity that cannot otherwise be utilized without dynamically controlling a distributed asset. The Company is considering "planned flexibility" as an option in the SHARE program where specific assumptions around curtailment with co-sited storage are taken into consideration in the solution design.

   Flexible interconnections would be offered as a vintaging queue, with a window where all applicants will evenly split the capacity made available by dynamic control of the assets.

This differs from the SHARE program where a window will be opened, and the group studied solution will factor all group study participants in aggregate and produce a solution that allows their project to operate at or near their intended capacity within the limitations of the upgrades we determine are feasible for the group study itself. These upgrade costs are then shared by the DER developers, avoiding the first to build funding future DER at that site.

The SHARE project site selection will consider a maximum distribution system benefit component, when plausible, which is why the Company shows capital project cost component for projects proposed in Exhibit CLP-TSP-3 at pages 146-149. The total project would be a net reduction for each stakeholder for distribution system needs and DER project funded needs.