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Request from: Public Utilities Regulatory Authority

Question:

Explain whether the EDCs' current DERMS providers are capable of supporting both EV charging and discharging control signals. If not, explain why.

Response:

Eversource works with four DERMS providers across ESS and Managed Charging programs. One of the four indicated the ability to support both EV charging and discharging signals and the other three indicated such a product was either in development or indicated willingness to develop such a solution.

While these DERMS providers could potentially support bidirectional dispatch of V2G and Managed Charging, Eversource notes that all previously raised issues around conflicting dispatch signals, technology integration challenges, and the potential of adverse charging behaviors should be fully considered by the Authority and tested with limited number of pilot participants, prior to re-assessing dual V2G and Managed Charging program enrollment. Given nascent and evolving state of technology to support V2G, Eversource supports the ESS Program Administrator's recommendation made in the recent Bidirectional Report[1], to pursue commercial V2G first while allowing time for the ongoing bidirectional EV pilots to test the DERMS capabilities, assess potential co-enrollment challenges, and customer experience.

[1] https://www.dpuc.state.ct.us/dockcurr.nsf/8e6fc37a54110e3e852576190052b64d/0529ac4be0eb8df385258e430068c9df?OpenDocument