Date Submitted: August 28, 2026

CAE-036 Q:

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

CAE-036 A:

Uplight's DERMS can support both EV charging and discharging control signals for active managed charging programs, subject to the capabilities and APIs supported by participating EV, EVSE, and V2G OEMs. Through integrations with partners, aggregators and OEMs, Uplight DERMS supports both telematics-based and direct EVSE control, which would enable UI to reduce, defer, shift, or optimize charging during peak periods, system constraints, and localized grid events while respecting customer preferences such as target charge level and departure time.

EV.energy, the DERMS provider for the Managed Charging Program, can also support both EV charging and discharging control signals for active managed charging programs. Ev.energy's platform operates as the software orchestration and control layer for bidirectional charging, coordinating charging and discharging across participating vehicles and bidirectional charging equipment in response to utility dispatch instructions. This includes scheduling and dispatch of V2G-capable assets against utility, price, or grid signals; state-of-charge management with customer-defined guardrails (minimum mobility reserve, ready-by time, target charge); event-based export dispatch with session-level measurement and verification comparing available capacity, requested dispatch, and actual delivered kW and kWh; and locational targeting, grouping and dispatching assets by feeder, substation, or other distribution constraint where the utility provides network data.

While both active DERMS providers allow for bidirectional dispatch of V2G and Managed Charging assets, UI notes that all previously raised issues around conflicting dispatch signals, technology integration challenges, and the potential of adverse charging behaviors be fully considered by the Authority prior to allowing the potential for dual participation in the ESS V2G and the Managed Charging Programs.