



Battery controls for FCAS and API integration

The Problem

Battery systems participating in Frequency Control Ancillary Services (FCAS) or aggregator dispatch schemes face strict communication and control requirements. Many sites operate different inverter brands and battery brands, each with separate controls and logic.

Our Solution

Marshall allows direct, compliant communication between the site, DNSP, and aggregator. Using the same architecture proven in DOE and FCAS projects, Marshall Ultra manages grid-side control, while local Marshall BB units handle inverter-level charge and discharge. Real-time API integration means batteries can respond instantly to FCAS events or market signals without manual intervention.

Outcome

Marshall enables fast, compliant entry into advanced energy markets. With verified control and DNSP-approved architecture, sites can discharge and respond to grid frequency or market events automatically, giving clients new commercial opportunities and complete oversight.