FORTRESS POWER

CASE STUDY

DEMAND MITIGATION

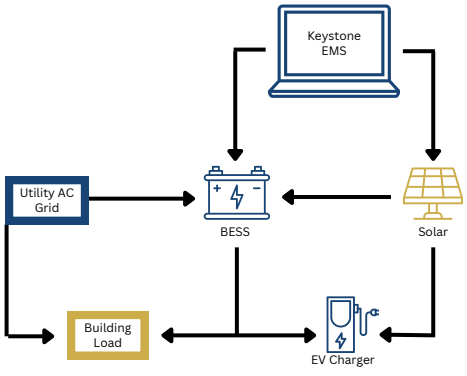
Grid-tied backup power for resiliency + demand mitigation at EV charging depot

CLIENT CHALLENGE

PG&E rolling blackouts and increased demand at site due to L3 EV charging infrastructure drove increased utility costs and jeopardized school bus reliability.

SOLUTIONS

Fortress all-in-one eSpire BESS and Keystone EMS solution installed months after initial PV + L3 EV charging commissioning to improve reliability, unlock peak shaving, and improve project ROI with EMS-enabled grid services.



PROJECT DETAILS

Site Type: Bus Charging Depot
Location/Utility: California, PG&E territory
Solution: eSpire 125 kW / 233 kWh
Key Components: BESS, EMS, Solar PV, EV Charger
Function: Resiliency, demand mitigation, SGIP utility incentives, VPP

RESULTS

- All-in-one hardware and software solution delivered ROI and reliability outcomes required by customer
- Estimated payback: <6 yrs
- Project timeframe: <6 month delivery from PO

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