CHARGE
CAPITAL PARTNERS

Managing Post-Installation Risks

INVESTOR INSIGHTS | RISK & RESILIENCE

Battery Energy Storage Systems (BESS) and co-located EV-charging assets are long-lived infrastructure. After they're built, real-world factors (technical, regulatory, and market) can still impact schedules and returns. This FAQ outlines the main risks and the playbook we use to manage them.

Key Post-Installation Risks

- **Utility interconnection delays** that stall or phase-in capacity later than planned.
- **Local permitting and zoning hurdles** that push project timelines.
- **Grid program or rule changes** that alter revenue eligibility or create operating constraints.
- **Technical under-performance** (battery, PCS, EMS) compared to specifications.
- **Lower-than-expected EV-charger utilization** at certain sites.
- **Policy shifts** (e.g., tax credits, depreciation) that affect project economics.

How We Mitigate These Risks

- **Conservative underwriting** - stress-test revenue, utilization, and timing; build schedule/price contingencies into the base case.

- **Technical partnerships** - partner with specialist OEMs/engineers for design, QA/QC, commissioning, and performance guarantees.
- **Portfolio diversification** - balance geographies, utilities, program types, and site profiles to reduce correlated exposure.

Bottom Line

Charge Capital approaches BESS/EV-charging operations with a risk-first mindset: design conservatively, validate technically, and diversify across a portfolio. That alignment protects **investor interests** and supports **durable cash flows** over the asset lifecycle.