



Grove Field Resilience

Keep critical aviation and emergency functions operating when the grid cannot.

PRE-DEVELOPMENT · PARTNER FORMATION PHASE

This brief describes a pre-development pilot concept. It is not a grant award, a confirmed host site, a government endorsement, or validated technical performance.

The problem

Small airports are frequently pressed into service as emergency staging and coordination points during wildfires, storms and Public Safety Power Shutoffs -- precisely when the surrounding grid is least reliable.

The concept

An advanced battery storage and controls demonstration that prioritizes communications, lighting, fueling support and emergency-response loads during a grid disruption, rather than backing up the entire site.

Grant category

Advanced energy storage and grid modernization.

Who this is for

Port and airport leadership, emergency management, fire services, utilities, storage/microgrid firms, and regional community leaders.

Pilot design target [Pilot target -- not yet engineered or measured]

Keep Tier 1 (life safety) and Tier 2 (response continuity) loads powered through a multi-day regional outage event, once load and duration analysis confirms scope.

Replication model [Planning assumption]

The pilot is documented from the start so other small airports with a similar emergency-response role and grid exposure can adapt the approach.

Support the Resilience Pilot · Request a Planning Call

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