



Solar + Storage for Community Resiliency Project Update and Next Steps

Jessie Denver Energy Program Manager



Goals



PROJECT GOALS

- Expand market for solar + storage
- Increase resiliency in SF's emergency response plans
- Serve as national model



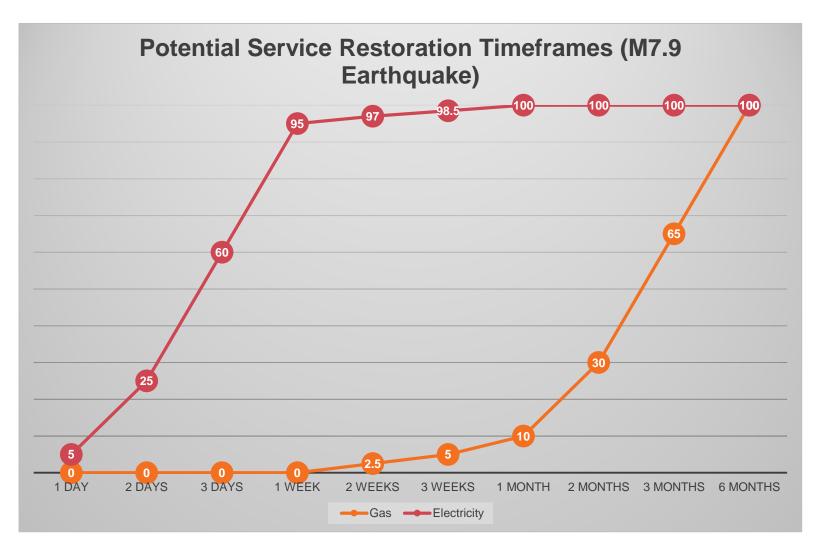
TODAY'S GOALS

- Inform committee on project status and upcoming milestones
- Set stage for future engagement (e.g., project site commitments)



Plan: 3-7 Day Electricity Outage





Data: SF Lifelines Council, April 2014

Severe Weather Blackouts





Partners





















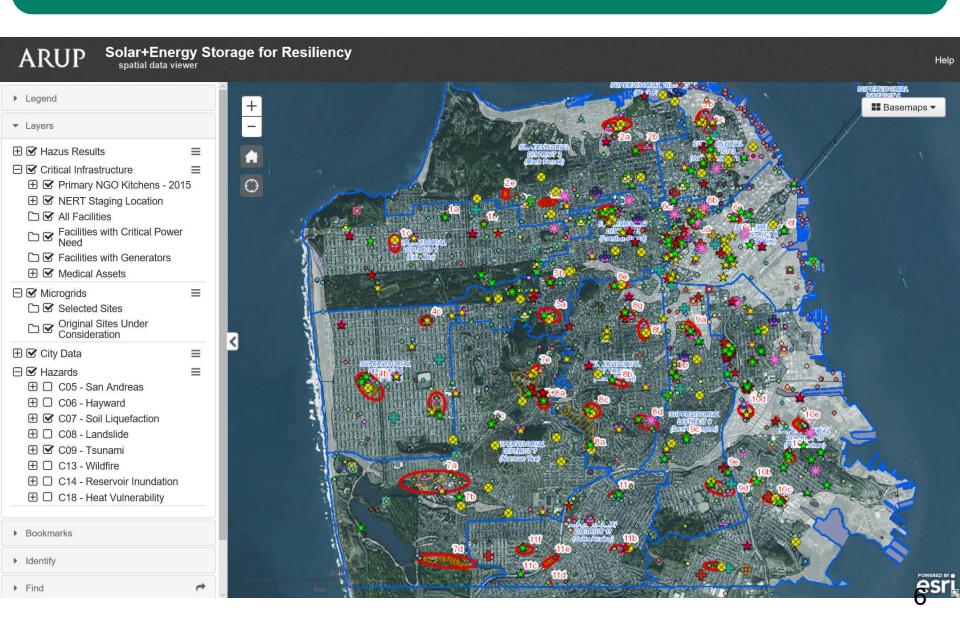






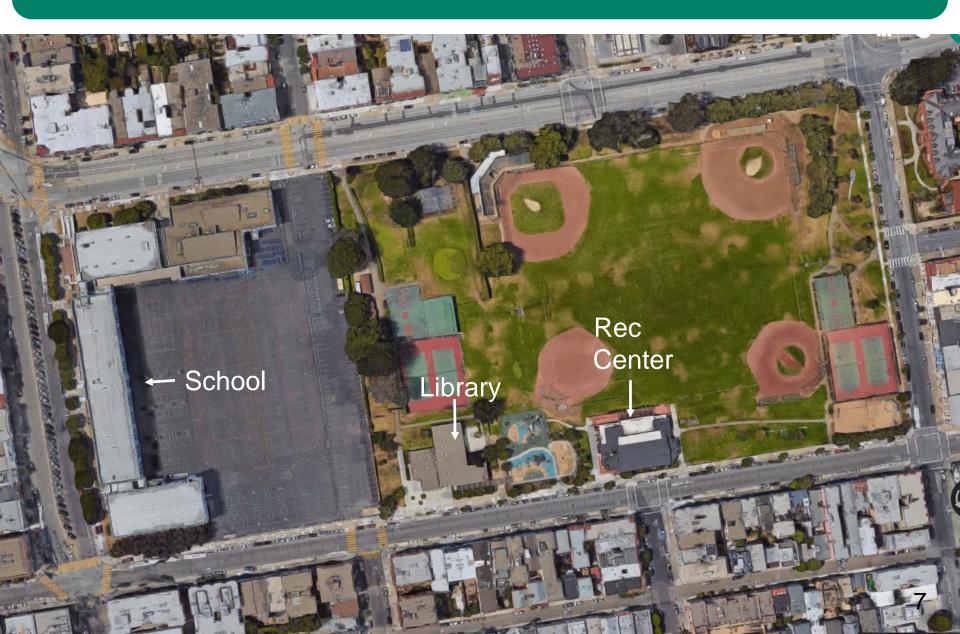
Site Selection





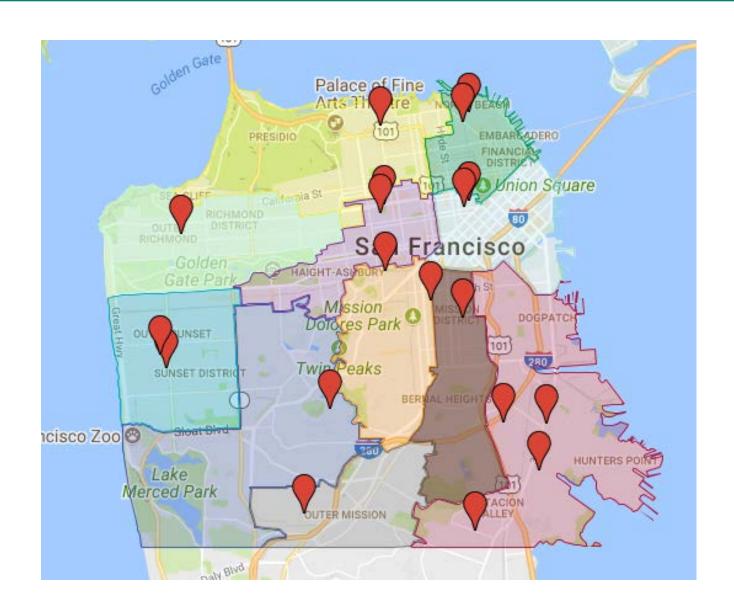
Microgrids → Individual Systems





Case Studies





Project Status



DELIVERABLES

- Case Studies- Complete.
- Roadmap and Best Practice Guide -Complete.
- Planning tools QUESTIONSWER
- Are solar + storage systems technically feasibly? Yes!
- Have we considered / started to address policy considerations such as safety and permitting? Yes!
 - How do we pay for the systems?

BUDGET

Total Grant Amount: \$1.3M

Potential Cost

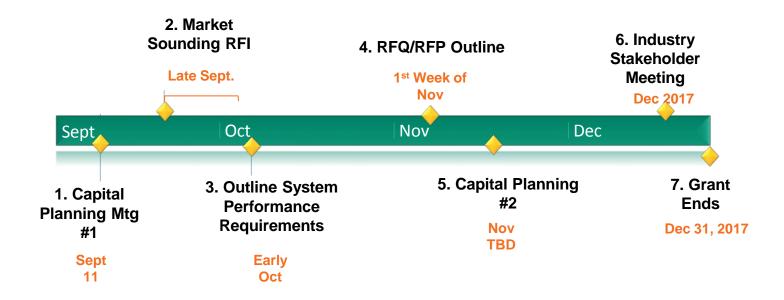


19 buildings6MW (24MWh) energy storage4MW of solar generation (20 years)

- Design Bid Build: ~\$40M
- Public Private Partnership (P3): ~\$26M
 - Yields lower payments from City; federal tax credits

Finance Plan Milestones





Contact



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