



COUNTY OF SAN LUIS OBISPO

About Us

San Luis Obispo County

- Located on California's Central Coast
- 3,300 square miles
- ~280,000 people



County of San Luis Obispo

- Governed by five elected supervisors
- ~3000 employees
- 24 departments



Project Impetus

- **Self Generation Incentive Program**

- First come, first served
- Equity Resiliency qualifications
 1. Must be located in a High Fire Threat District (HFTD), and
 2. Must be a “Critical Facility”, **and**
 3. Provides critical services or infrastructure to one or more communities in a HFTD, AND at least one of those communities is a disadvantaged community or low-income census tract



About the Projects

Building Sites

- **Number of Sites**
 - 1 public health facility
 - 1 health administration facility
- **Project Drivers**
 - Financial savings
 - Backup power
 - Visibility



About the Projects

Water Infrastructure

- **Number of Sites**
 - 1 water treatment plant
 - 1 pump station
 - *Hopefully, 1 intake pump station*
- **Project Drivers**
 - Financial savings
 - Reducing electricity interruptions
 - Backup power was a bonus, not a driver



Quantifiable Benefits

- Project Value
 - Buildings: +\$1M
 - Water Infrastructure: +\$5M
- Net Project Cost: \$0
- Energy savings
 - Buildings: \$750k over 20 years
 - Water Infrastructure: \$4.7M over 20 years



Other Benefits

- Continuation of service delivery
- Power reliability
- Proof of concept



Pre-Construction Challenges

- First come, first served approach to funding / staff capacity
- Grid interconnection delays
- Multiple stakeholder groups needing to approve the projects
- Insurance/indemnification





COUNTY
OF SAN LUIS
OBISPO

COUNTY OF SAN LUIS OBISPO

www.slocounty.ca.gov

Post-Construction Challenges

- Various administrative and coordination challenges
 - Electrical equipment delays
 - Permit expiration → new code
 - Various SGIP deadlines
- Verifying financial savings





Lessons Learned

- Tailor benefits to type of asset
- Learn from peers
- Keep your finger on the pulse of potential funding opportunities and be nimble





COUNTY
of SAN LUIS
OBISPO

COUNTY OF SAN LUIS OBISPO

www.slocounty.ca.gov