



City Council Meeting

Item #4: Wildfire Mitigation Plan

RTC 19-160

June 25, 2019



Wildfire Mitigation Plan

- Catastrophic Wildfires Increasing
 - 2018
 - 100 deaths, 20,000 structures destroyed
 - 1.6M acres burned
 - 10 of the 20 most destructive fires in California
 - Caused by powerlines or electrical sources
- SB 901
 - Requires utilities to prepare Wildfire Mitigation Plan (WMP)

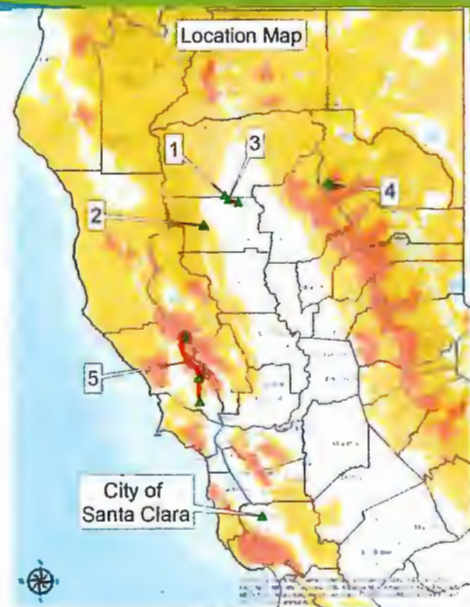




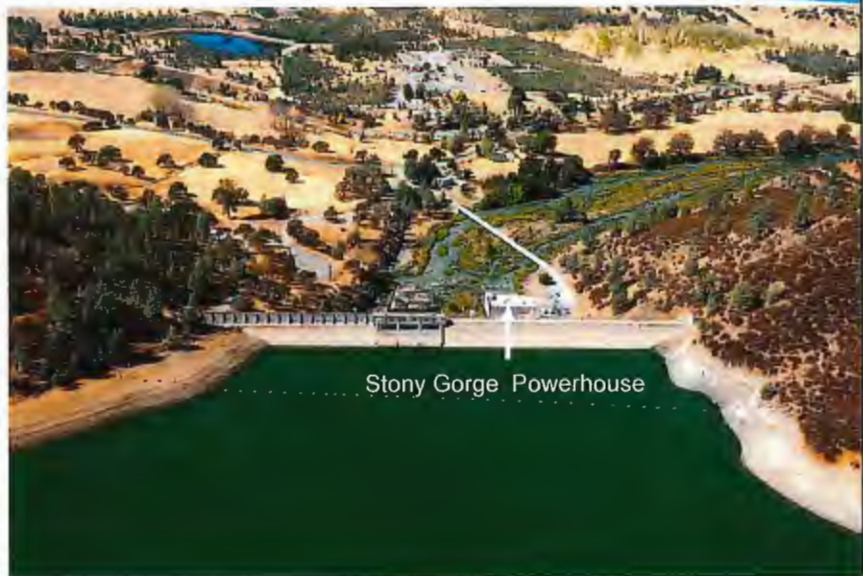
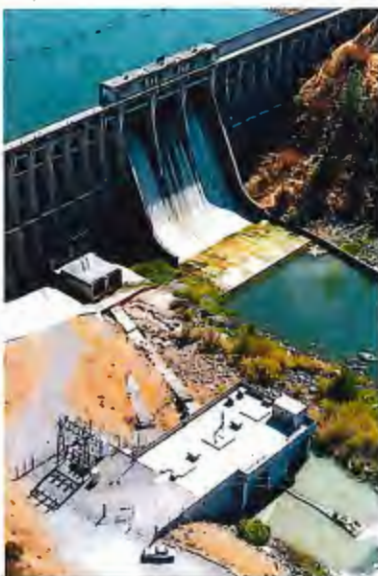
Wildfire Mitigation Plan

- SVP service territory
 - Contiguous with city limits
 - No significant wildfire risk
- SVP owns remote transmission assets
 - Connect Hydro and geothermal plants to grid
 1. Black Butte transmission line 9.5 miles
 2. Stony Gorge transmission line 1 mile
 3. Highline Canal line 75 feet
 4. *Grizzly Hydro transmission line 3.4 miles
 5. *Co-tenancy line at Geysers (SVP 4.98% owner), 16.1 miles

* Operated and maintained by PG&E under agreements with the City and included in the PG&E Wildfire Mitigation Plan



Stony Gorge



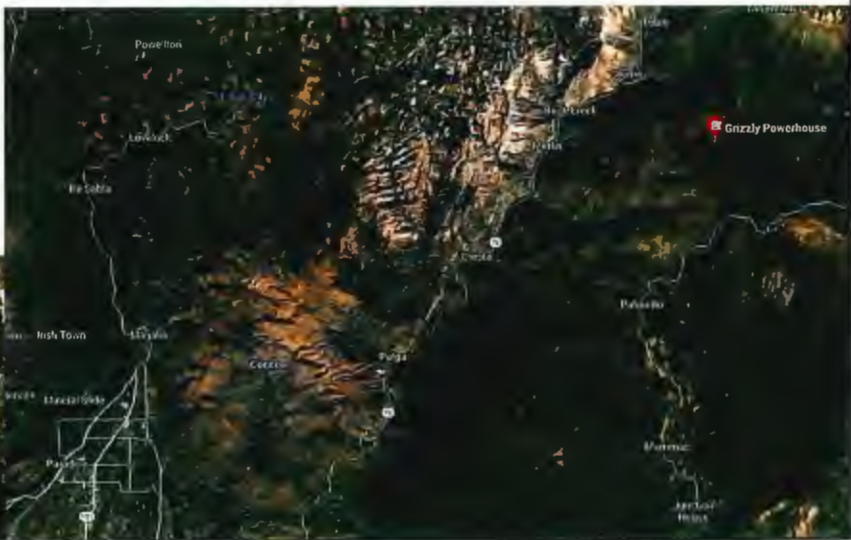
Stony Gorge Powerhouse



Black Butte



Grizzly Powerhouse





Wildfire Mitigation Plan

- WMP has three goals
 - Minimize the risk of igniting a wildfire
 - Improve resiliency of the grid
 - Measure effectiveness of mitigation strategies
- Mitigation strategies implemented
 - Weather monitoring
 - Design and construction standards
 - Vegetation management
 - Inspections
 - Workforce training
 - De-energization of the lines to reduce risk
 - Restoration procedures when safe to do so



Wildfire Mitigation Plan

- WMP Review
 - Cal Fire's Tehama Glen Unit
 - Division Chief and Battalion Chief
 - Comments incorporated in plan
- Independent evaluation is required
 - Evaluation will be posted on the City website, and
 - Presented in a public meeting
- Staff will revise WMP
 - Incorporate Independent Evaluator comments
 - Return to Council for approval





Recommendation

- Approve and Adopt the 2019 SVP Wildlife Mitigation Plan

Next Steps

- Return to Council with Independent Evaluator's report and revised WMP incorporating the comments