

Southern California Edison
R.18-10-007 – SB 901

DATA REQUEST SET C A L P A - S C E - 0 0 2

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Response Date: 2/22/2019

Question 8: Question 8

On page 75, 4.8 Post Incident Recovery, Restoration and Remediation Activities states:
“SCE may conduct post-wildfire debris-flow assessments to identify and safeguard SCE assets in high-risk debris-flow areas after wildfires. The post-wildfire debris-flow assessment framework uses United States Geological Survey (USGS) modeling to identify areas of high-debris-flow risk. An analysis is conducted to identify substation, transmission, sub-transmission, distribution and telecom assets that could be potentially impacted. Mitigation options will be determined based on the results.”

Please provide all previous assessments and analysis that has been previously done within the last five years. If none has been done, please explain why.

What mitigation options have resulted from previous assessment and analysis

Response to Question 8:

SCE has traditionally maintained awareness at the operational level of how rainfall totals and debris flows in wildland areas can potentially affect SCE infrastructure. In the wake of the extreme fires experienced in 2017 and 2018, SCE also completed comprehensive geo-spatial mapping and desktop analysis for all wildland fires in the service territory dating back to 2014. Physical locations related to the Thomas and Woolsey fires were identified for mitigations as detailed in the following tables (omitting any attorney-client privileged and/or attorney work product doctrine analyses):

Thomas Fire	
SCE Infrastructure Assessed	Mitigations Completed
Carpentaria Substation	Debris removal from drainage system, Silt Fence and K-rails
Capitan Substation	Debris removal from drainage system, Silt Fence and K-rails
Ojai Substation	Debris removal from drainage system, Silt Fence and gravel bags
Casitas Substation	None Required
Montecito Substation	Temporary Silt Fence and Gravel Bags
Harmon Creek Canyon Crossing at Foothill Road in Ventura County	K-Rail Barriers/Wood poles for all sites

Thomas Fire	
SCE Infrastructure Assessed	Mitigations Completed
Transmission Lines -Santa Clara-Mandalay 220kv -Santa Clara-Levy-Progen 220kv -Santa Clara-Getty 220kv	
Santa Paula Creek Crossing east of Ojai Rd/HWY 150 Transmission Lines -Moorpark-Santa Clara -Santa Clara-Vincent -Pardee-Santa Clara	K-Rails Barriers on North and East tower footings installed for all sites

Woolsey Fire	
SCE Infrastructure Assessed	Mitigations Completed
Crater-Latigo 66kV: 29 Structures	Native soil berms installed Installed Visqueen and sand bags
Latigo-Potrero 66kV: 37 Structures	Native soil berms installed Retaining wall completed
Moorpark-Valdez 66kV: 26 Structures	Native soil berms installed
Moorpark-Malibu 66kV: 1 structure	Visqueen installed
Moorpark-Oakpark 66kV: 1 structure	Visqueen installed
Moorpark-Ormond Beach 220kV: 2 structures	K-rails, silt fence and sandbags installed