

## 1.20 WILDFIRE

The following discussion evaluates the potential changes in impacts associated with wildfire and the conclusions from the Proponent’s Environmental Assessment (PEA) with the incorporation of the Proposed Project’s design modifications as described in the redlined version of Chapter 3 – Project Description. The table below summarizes the impact determinations from the PEA and the impact determinations with the incorporation of the design modifications.

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:	PEA Impact Determination	Impact Determination with Design Modifications
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	No Impact	No Impact
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	No Impact	No Impact
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	No Impact	No Impact
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	No Impact	No Impact

**If located in or near SRA lands or lands classified as very high FHSZ, would the project substantially impair an adopted emergency response plan or emergency evacuation plan?**

*Construction, Operations and Maintenance*

### LSPGC and PG&E Proposed Project Components

**No Impact.** The design modifications would not locate the Proposed Project in or near State Responsibility Area (SRA) lands or lands classified as a very high fire hazard severity zone (FHSZ). The closest SRA lands are approximately 2 miles southwest of Pacific Gas and Electric Company’s (PG&E’s) existing Pittsburg Substation. The closest very high FHSZ to the Proposed Project is approximately 7 miles northwest of the proposed PG&E 500 Kilovolt (kV) Transposition Structure D. As a result, and consistent with the PEA, no impact would occur.

**If located in or near SRA lands or lands classified as very high FHSZ, would the project, due to slope, prevailing winds, and other factors, exacerbate wildfire**

**risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?**

*Construction, Operations and Maintenance*

LSPGC and PG&E Proposed Project Components

**No Impact.** The design modifications would not locate the Proposed Project in or near SRA lands or lands classified as a very high FHSZ. The closest SRA lands are approximately 2 miles southwest of PG&E’s existing Pittsburg Substation. The closest very high FHSZ to the Proposed Project is approximately 7 miles northwest of the proposed PG&E 500 kV Transposition Structure D. The proposed PG&E 500 kV Transposition Structure D would be located approximately 3 miles northeast of a California Public Utilities Commission (CPUC) Tier 2 high fire threat district. As a result, and consistent with the PEA, no impact would occur.

**If located in or near SRA lands or lands classified as very high FHSZ, would the project require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?**

*Construction, Operations and Maintenance*

LSPGC and PG&E Proposed Project Components

**No Impact.** The design modifications would not locate the Proposed Project in or near SRA lands or lands classified as a very high FHSZ. The design modifications would not change the fire break established around the proposed LS Power Grid California, LLC (LSPGC) Collinsville Substation or the buffers and vegetation clearance that would be established during Proposed Project “hot work” (e.g., welding, grinding, or any other activity that creates hot sparks). As a result, and consistent with the PEA, no impact would occur.

**If located in or near SRA lands or lands classified as very high FHSZ, would the project expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?**

*Construction, Operations and Maintenance*

LSPGC and PG&E Proposed Project Components

**No Impact.** The design modifications would not locate the Proposed Project in or near SRA lands or lands classified as a very high FHSZ. As a result, and consistent with the PEA, no impact would occur.

**References**

California Department of Forestry and Fire Protection (CAL FIRE). 2023. Fire Hazard Severity Zones in State Responsibility Area. Online. <https://calfire-forestry.maps.arcgis.com/apps/webappviewer/index.html?id=988d431a42b242b29d89597ab693d008>. Site visited January 2, 2025.

- CAL FIRE. 2024. California Historical Wildland Fire Perimeters Exploratory Map. Online. <https://gis.data.cnra.ca.gov/datasets/CALFIRE-Forestry::california-fire-perimeters-all/explore?location=38.337238%2C-121.932848%2C11.48>. Site visited January 3, 2025.
- CPUC. 2021. Fire-Threat Maps and Fire-Safety Rulemaking. Online. <https://www.cpuc.ca.gov/industries-and-topics/wildfires/fire-threat-maps-and-fire-safety-rulemaking>. Site visited January 2, 2025.
- Federal Emergency Management Agency. 2025. FEMA's National Flood Hazard Layer (NFHL) Viewer. Online. <https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd>. Site visited January 3, 2025.
- Pipeline and Hazardous Materials Safety Administration. 2025. National Pipeline Mapping System Public Viewer. Online. <https://pvnpm.phmsa.dot.gov/PublicViewer/>. Site visited January 3, 2025.