

# Summary of Key Changes in Riverside Public Utilities' 2021 Wildfire Mitigation Plan

October 13, 2021

This document provides a summary of the key changes between Riverside Public Utilities' (RPU) current Wildfire Mitigation Plan (WMP) (dated October 12, 2021), and RPU's prior Wildfire Mitigation Plan (dated December 2020). As part of its 2021 submission to the Wildfire Safety Advisory Board (WSAB), RPU provided an Informational Response document, which responded to each of the recommendations made by the WSAB in the *Guidance Advisory Opinion for the 2021 Wildfire Mitigation Plans of Electric Publicly Owned Utilities and Cooperatives*, issued on December 15, 2020. Therefore, this summary document will point to key updates contained in both RPU's current WMP and RPU's Informational Response.

This document is intended to simplify the process of reviewing RPU's current WMP but does not represent a comprehensive identification of every single update to RPU's WMP. RPU prepared a comprehensive update of its WMP between 2019 and 2021. This summary is also not part of or a supplement to RPU's WMP. Therefore, A full review RPU's wildfire mitigation efforts should be based on the actual WMP and Informational Response documents.

## 1. WMP Metrics and Performance

As described in section VI of RPU's WMP, RPU measures the performance of its WMP by tracking a number of metrics and events. RPU made no changes to the metrics for its current WMP. A summary of RPU's performance in calendar year 2020 has been added as Section VII. The following table provides the data for these metrics through the end of calendar year 2020:

### RPU WMP Metrics (System-wide) from Calendar Year 2020

Note: For 2020, system-wide metrics are reported and are not reflective outage incidents associated only in HFTDs.

Risk Factor	Metric
Equipment Failure	Number of wire down events caused by conductor failure: 4 Number of pole failures: 191 Number of transformer failures: 98
Conventional Fuse Operations	Number of conventional transformer fuse operation events: 1 Number of conventional lateral fuse operation events: 18
Wire Contact with Foreign Object(s)	Number of outage events caused by wire contact with an animal: 16 Number of outage events caused by wire contact with mylar balloons: 27 Number of pole failures caused by vehicle contact: 27
Wire Contact with Vegetation	Number of outage events caused by wire contact with vegetation (system-wide): 49 (Contact with a tree: 29; Contact with a palm frond: 20)
Inspection and Maintenance	49% of circuit patrols were completed on time (COVID-19 staffing restrictions impacted inspection schedules)

Risk Factor	Metric
Operations	Number of outages on circuits: 640 Number of outages on circuits during RFW days: Tracking being developed
Extreme Weather Conditions	Number of Red Flag Warning days: 7 Number of times automatic reclosing was defeated: Tracking being developed Number of outages during Wind or High Wind Event: 74 Number of outages during High Heat event: 93
Fire History Events	Number of events with fire reference (e.g. pole fire, equipment fire): Tracking being developed Number of wildfires caused by RPU electrical equipment: 0

Additional actions taken are also summarized in Section VII.

## 2. Public Safety Power Shutoffs (PSPS)

### A. *POU-Initiated PSPS Protocols: RPU did not initiate any PSPS events in 2020.*

Section IV.C. of the 2021 WMP outlines the de-energization protocols in place at RPU and provided minor updates to RPU’s operating procedures.

### B. *Impacts of IOU-Initiated PSPS Events*

Section III.F. was added to the 2021 WMP to address impacts RPU faces due to IOU-Initiated PSPS events. RPU’s Water Division has been directly impacted by Southern California Edison’s (SCE) PSPS events due to water wells and other facilities having power shut off during several events. Additionally, RPU faces a significant risk from PSPS events should they occur on the transmission lines from SCE’s Vista Substation that feed into Riverside and that are RPU’s single point of interconnection with the regional electric grid. At this time, there have been no PSPS events on these transmission lines.

### C. *Customer Communication Protocols*

RPU has outlined their full customer communications protocols in Section V of the 2021 WMP.

## 3. Changes to Current WMP

### A. *Roles and Responsibilities (Section II)*

Only minor updates have been made to this section; however, the section has been reorganized for clarity.

**B. *Wildfire Risks and Drivers (Section III)***

RPU has expanded this section to fully address each risk. Additionally, RPU has added maps that identify CPUC High Fire Threat Districts (HFTD), infrastructure in HFTDs, and wildland/urban interface areas. Additional analysis was completed and is described in this section.

**C. *Wildfire Preventative Strategies (Section IV)***

This section in the 2021 WMP has consolidated preventative strategies that had be described in various sections of RPU’s 2019 WMP for clarity. Additionally, RPU has expanded on the information and actions being taken.

**D. *Community Outreach and Public Awareness (Section V)***

Only minor updates have been made to this section; however, the section has been reorganized for clarity.

**E. *Restoration of Service (Section IV.C.)***

Only minor updates have been made to this section; however, the section has been reorganized for clarity.

**F. *Evaluating the Plan (Section VI)***

Only minor updates have been made to this section; however, the section has been reorganized for clarity.