



WECC Wildfire Data Request

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Wildfire Data Request

- In collaboration with FERC and NERC, WECC is conducting a wildfire data request with nine entities: SDGE, SCE, PG&E, WASN, BPA, PAC, Avista, DOPD, & GCPD.
- The data reporting timeline was 2017 through June 2, 2021.
- Entities were requested to provide a list of all transmission lines 100 kV and above that were removed from service during the reporting timeline due to wildfire activity.

Wildfire Data Request

- Start and end times and dates of line's removal from service
- General reason for line's removal from service
- Number of customers losing service as a direct result of the line's removal from service

Wildfire Data Request

- Approximate amount of load dropped as a direct result of the line's removal
- Whether line's removal from service was part of a PSPS program
- Whether the line was identified by the entity or any governmental entity as having caused or contributed to wildfire activity
 - How the line caused or contributed to the fire
- GIS data for each substation associated with reported transmission lines

Wildfire Data Analysis Trends

- Yearly outages on facilities caused by wildfires by voltage
- Average duration, in hours, of line's removed from service by voltage and year
- Number of outages caused by wildfire on each line section from 2017–2021
- Number of transmission line outages by reason for line removal from 2017–2021
- Approximate total load (MW) dropped due to line's removal by year

Wildfire Data Analysis Mapping

- Mapping of wildfires from 2017–2021
- Overlay Balancing Authority boundaries
- Overlay transmission outages

Wildfire Data Analysis Reports

- Detailed presentation of the analysis to FERC and NERC staff
- Public presentation of the analysis to WECC stakeholders
- Virtual meeting: Late Q4 2021, early Q1 2022



WECC

Electric Reliability and Security for the West

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