

*Southern California Edison*  
*2022-WMPs – 2022 Wildfire Mitigation Plan Updates*

**DATA REQUEST SET Cal Advocates - SCE - 2022 WMP - 09**

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**Response Date: 3/24/2022**

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**Question 03:**

On p. 33 of SCE's 2022 WMP, SCE states "SCE will centralize the wildfire data platform for analytics/reporting."

- A. Please provide a list of the current data platforms and repositories that are being centralized.  
B. Please provide a list of all data fields that SCE intends to use in the final centralized wildfire data platform.

**Response to Question 03:**

**A. Please provide a list of the current data platforms and repositories that are being centralized.**

- SCE Enterprise Data Platforms will continue to remain Systems of Record (SOR)/Source of Truth (SOT) for all the operational and transaction activities within the respective operational units, however, as part of this effort, data will be aggregated and centralized for reporting and analytics. The Centralized Data Platform will establish a uniform data repository for reporting purposes. Implementation of an integrated Wildfire Safety Data Mart and Portal (WiSDM) will enable comprehensive analysis, data utilization across wildfire programs, and wildfire data portal for reporting.
- The following data platforms and repositories that are in scope for this effort:

<b>Enterprise Systems</b>	<b>SAP EAM</b>	<b>Asset Data</b>
	GIS Operational Data Store (Oracle / Exadata)	Foundational Data - base layers such as – SCE Regions, HFRA, geographic and political boundaries
	GCP (Google Cloud Platform)	Wildfire remote sensing unstructured data
	Salesforce	Vegetation management & Inspection Data

	BW (SAP Business Warehouse)	Initiative records extracted from SCE Enterprise Work Management systems
<b>User Managed Data</b>	Spreadsheets stored in SCE SharePoint folders	Tracking of initiatives, risk events and remedial measures
	PDF data sheets	
	Photographs	

**B. Please provide a list of all data fields that SCE intends to use in the final centralized wildfire data platform.**

SCE intends to align the list of data fields to the Office of Energy Infrastructure Safety (OEIS) GIS Data Reporting Standard version 2.2. ([GIS Data Reporting Standard version 2.2](#) published by OEIS in January 2022). The data gathering and field configuration efforts are in progress and are expected to be completed by Q4 2022.

Wildfire data categories covered include:

**Asset Management & Inspection** (*14 data sets*)

Data related to Transmission & Distribution Assets, which form the basic electric infrastructure

- Camera
- Connection Device
- Customer Meter
- Fuse
- Lightning Arrester
- Substation
- Support Structure
- Switchgear
- Transformer site
- Transformer details
- Weather Station
- Transmission line
- Primary Distribution line
- Secondary Distribution line

**Risk Management** (*16 data sets*)

Event related data due to Planned, Unplanned outages on the systems including PSPS events, that may be relevant to wildfire probabilities and incidents

- PSPS Event Line

- PSPS Event Polygon
- PSPS Event Customer Meter Point
- PSPS Event Damage Point
- PSPS Event Conductor Damage Detail
- PSPS Event Support Structure Damage Detail
- PSPS Event Other Asset Damage Detail
- PSPS Damage Photos Log
- Wire Down Event
- Ignition
- Transmission Unplanned Outage
- Transmission Vegetation Caused Unplanned Outage
- Distribution Unplanned Outage
- Distribution Vegetation Caused Unplanned Outage
- Risk Event Asset Log
- Risk Event Photo Log

### **Vegetation Management & Inspection** *(11 data sets)*

Data related to ongoing vegetation management initiatives and maintenance and inspection activities

- Drought Relief Initiative Inspection
- Expanded Pole Brushing Inspection
- Hazard Tree Management Program Inspection
- Line Clearing Inspections
- Expanded Clearances for Legacy Generation Facility
- Drought Relief Initiative
- Expanded Pole Brushing
- Hazard Tree Management Program
- Line Clearing
- Vegetation Remediation - Tree Trimming
- Expanded Clearances for Legacy Generation Facility

### **Grid Design & System Hardening** *(17 data sets)*

Data related to system inspection and remediation activities

- Distribution inspection - Aerial
- Transmission Inspection - Aerial
- Transmission Ground Inspection
- Distribution Ground Inspection

- Generation Ground Inspection
- Transmission IR/Corona Inspection
- Distribution IR Inspection
- Long Span
- Circuit Breaker Relay for Fast Curve
- Covered Conductor
- Distribution Branch Line Fuse
- Distribution Remediation
- Generation Legacy Facility System Hardening
- Generation Remediation
- Transmission Open Phase Detection
- Transmission Remediation
- Tree Attachment Remediation

**Other Required Data (Feature Dataset) (*13 data sets*)**

Foundational – geographic, political, situational data used for intersection and populating fields associated to the operational datasets relevant to the mitigation categories listed above

- Electric Corp. PL-other-PL
- Critical Facility
- Red Flag Warning Day
- Wind Condition
- Service Territory
- Region
- District
- High Fire Risk Area (SCE)
- Wildland Urban Interface
- Urban and Rural Areas
- Vegetation Management District
- County
- Major Woody Stem Exempt Tree points