



IMPERIAL IRRIGATION DISTRICT

2024 SB901 WILDFIRE MITIGATION PLAN STATUS REPORT



May 6, 2025

Imperial Irrigation District 2024 SB 901 Wildfire Mitigation Status Report

Executive Summary

The Imperial Irrigation District's (IID) Wildfire Mitigation Plan (WMP) outlines the steps IID is taking to reduce the risk of wildfire ignitions and enhance safety through infrastructure and operational improvements. This document provides an overview of the progress in key areas, including relay modernization, fire deterrents, and fire-related performance metrics. Additionally, the report includes detailed information on specific wildfire mitigation goals, metrics for tracking performance, and progress toward meeting these objectives for the 2023–2025 period.

Introduction

The IID SB 901 WMP Plan meets all applicable requirements for publicly owned electric utilities, as set forth in California Senate Bill 901 (Dodd, Wildfires) and California Assembly Bill 1054, (Holden, Public utilities: wildfires and employee protection).

Although IID does not operate infrastructure within CAL FIRE-designated High or Very High Fire Hazard Severity Zones, this status report is submitted to provide an update on progress of initiatives outlined in the IID 2023-2025 Wildfire Mitigation Plan.

During this reporting period, IID successfully completed the development of a new mobile application that allows staff to report power line encroachments, and imminent threat incidents in real time. This year's report includes two new trend charts that display the number of such incidents reported in 2024.

SECTION 1 - Fire Mitigation Work

Relay Modernization Program

IID is implementing a Relay Modernization Program to replace existing electromechanical, and solid-state relays with advanced microprocessor-based relays. This effort follows the scope, schedule, and funding approved by the IID Board of Directors.

The new microprocessor relays include enhanced features such as the ability to detect power line breaks before high-amperage ground faults occur, improving system protection and reliability.

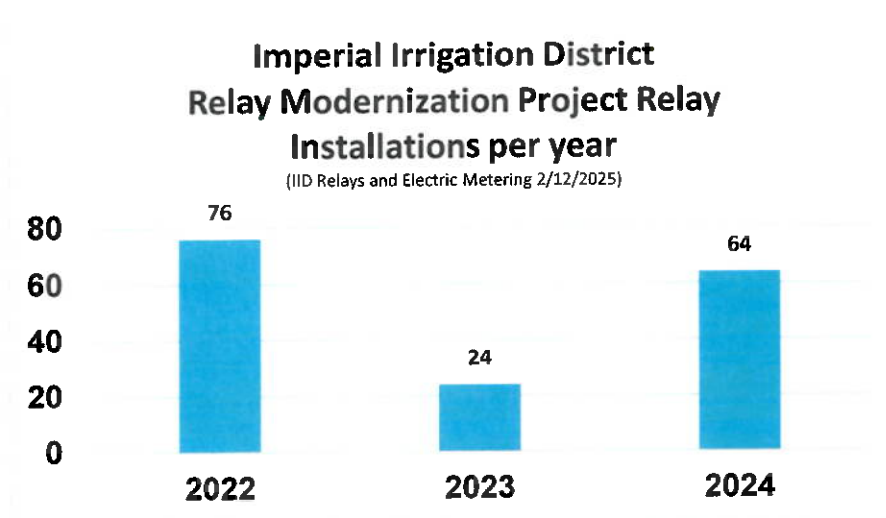
IID allocates an annual budget for the Relay Modernization Program, subject to review and approval by the Board of Directors. As of 2021, IID maintained 3,967 relays, broken down as follows:

- 47% Electromechanical
- 14% solid-state
- 39% microprocessor relays.

To ensure consistency and performance, IID has standardized on relays from Schweitzer Engineering Laboratories (SEL). These state-of-the-art devices provide fast-acting, communication-assisted protection, utilizing traveling wave technology to detect and rapidly respond to power line disturbances.

IID anticipates completing the modernization program in the early 2030's.

2024 Status Update: 64 new relays have been installed.

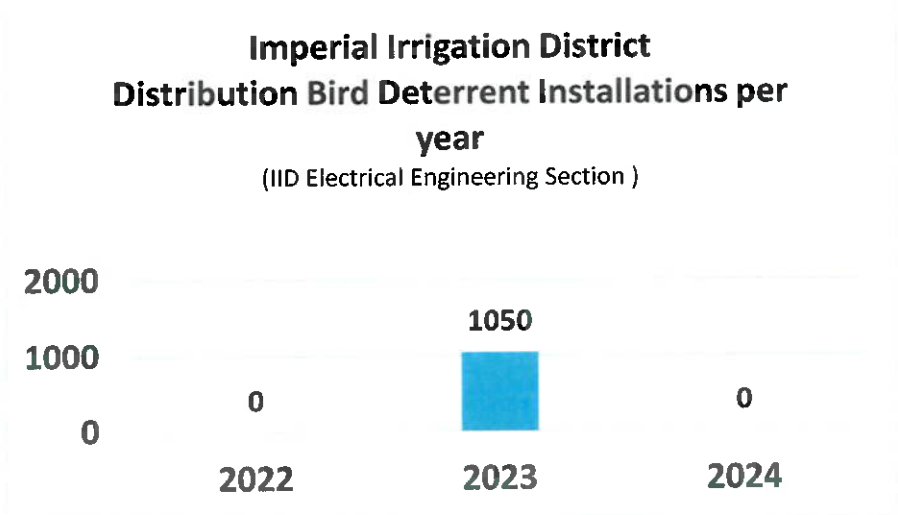


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Distribution Power Line Bird Deterrents

IID is currently installing bird deterrents on a case-by-case basis, depending on identified needs in the field.

2024 Status Update: No bird deterrents were installed.



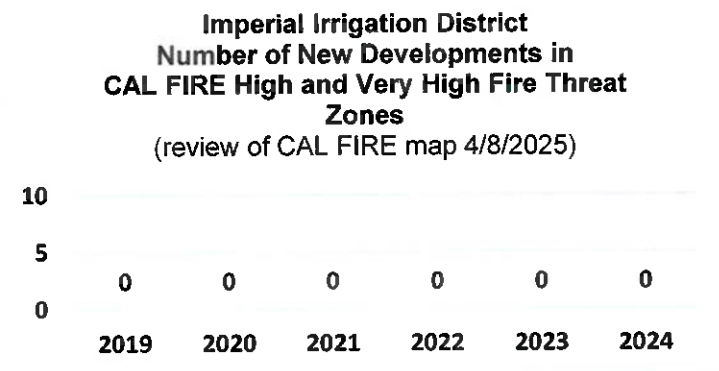
SECTION 2 - Performance Metrics

The IID 2023-2025 WMP outlines several key performance metrics to monitor the potential for fire ignitions. These metrics include both leading and lagging indicators, which are presented in order from leading to lagging.

1. Performance Metric – Number of Developments in CAL Fire High or Very High Fire Threat Zones

Metric Goal: Zero

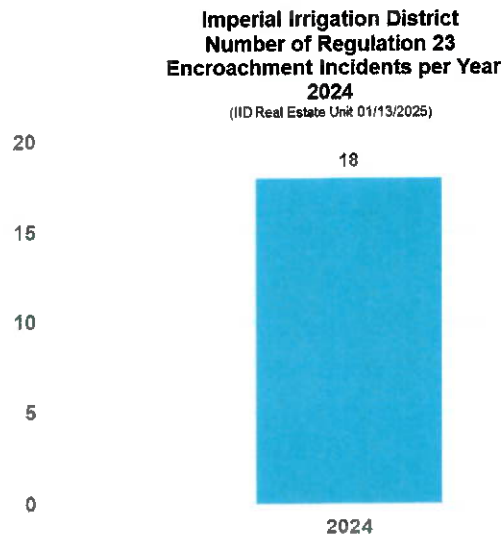
2024 Status Update: Zero (0) new developments reported.



2. Performance Metric- Number of Regulation 23 Encroachment Incidents per Year

Metric Goal: Zero

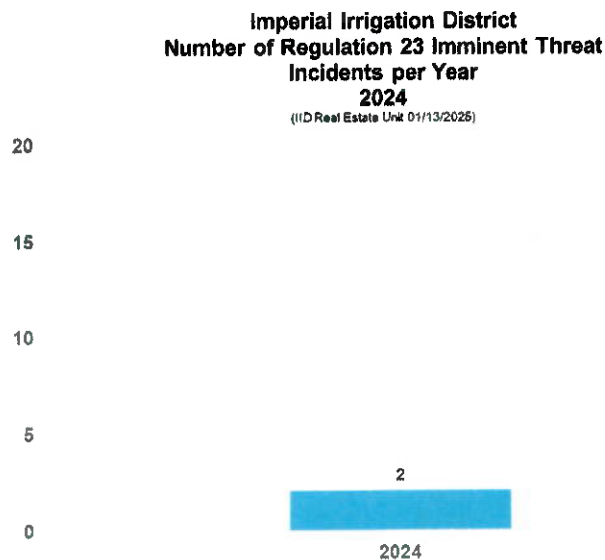
2024 Status Update: Eighteen (18) Regulation 23 encroachment incidents reported.



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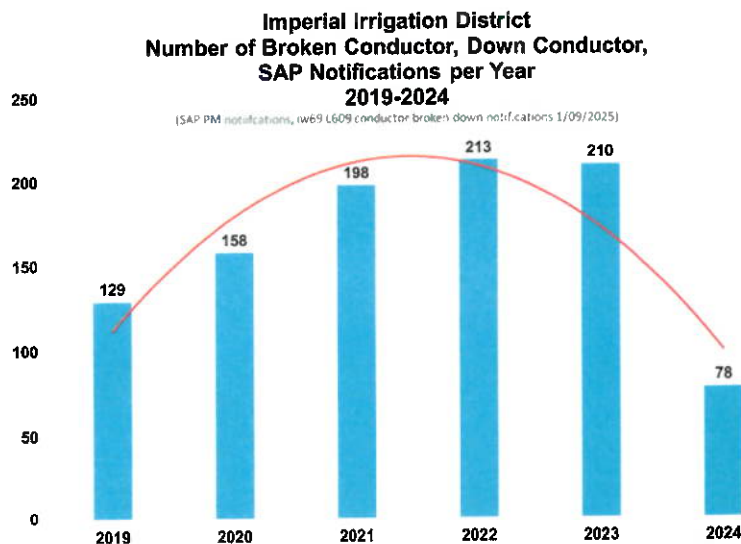
3. Performance Metric-Number of Regulation 23 Imminent Threat Incidents per Year

Metric Goal: Zero
2024 Status Update: Two (2) Regulation 23 imminent threat incidents reported.



4. Number of Broken Conductor and Down Conductor SAP Notifications per Year

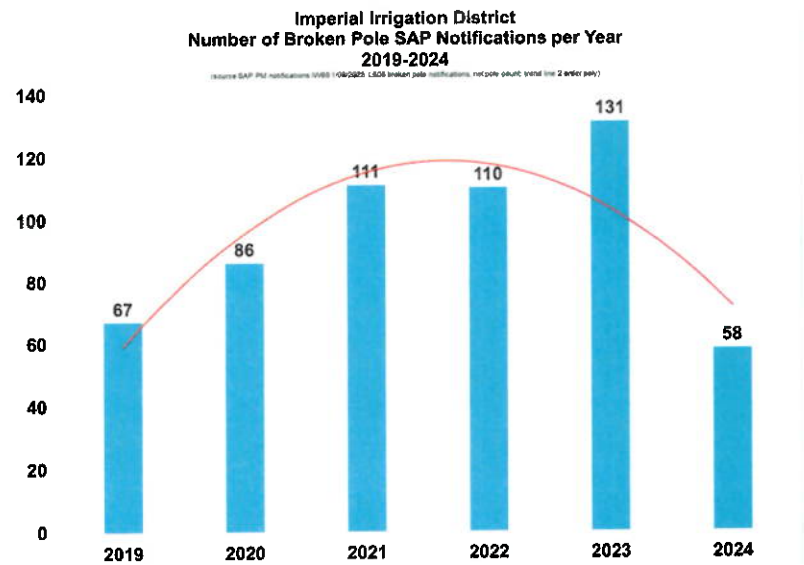
Metric Goal: Zero
2024 Status Update: Seventy-eight (78) broken conductor or down conductor notifications reported.



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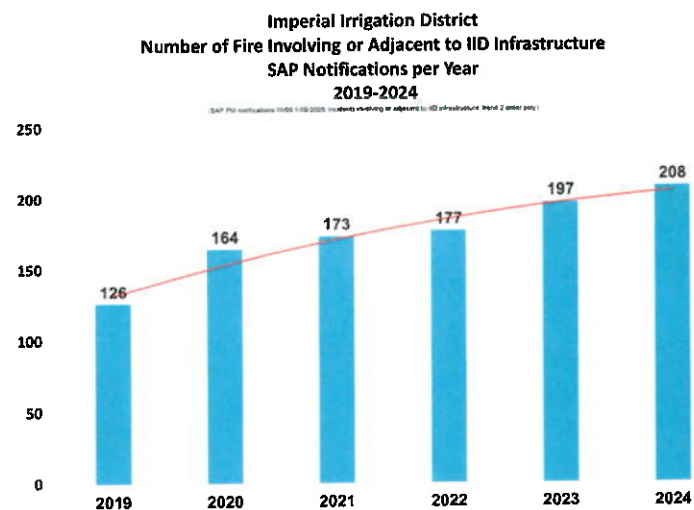
5. Number of Broken Pole SAP Notifications per Year

Metric Goal: Zero
2024 Status Update: Fifty-eight (58) broken pole notifications reported.



6. Number of Notifications Fire Incidents Involving or Adjacent to IID Infrastructure

Metric Goal: Zero
2024 Status Update: Two-hundred eight (208) fire incidents reported.



Note: 2024 incident notifications, 196 caused by others, 5 caused by not known, 7 caused by IID equipment

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Conclusion

IID is dedicated ensuring the safe and reliable delivery of power to the communities it serves. It remains focused on enhancing its operations and infrastructure with initiatives specifically designed to minimize the risk of fire ignition.

IID welcomes feedback and suggestions from the California Wildfire Safety Advisory Board to further strengthen its efforts.

Verification

I am an officer of the Imperial Irrigation District and am authorized to make this verification on its behalf. To the best of my knowledge, the statements made in this document are accurate.

I declare under penalty of perjury that the information provided is true and correct.

Executed on **June 1, 2025**, at Imperial, California.

A handwritten signature in black ink, appearing to read 'M. H. Smelser', is written over a horizontal line.

Matthew H. Smelser, Power Manager