

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

SAFETY POLICY DIVISION

**Agenda ID# 23381
Resolution SPD-34
April 24, 2025**

R E S O L U T I O N

RESOLUTION SPD-34 Regarding Action of the Office of Energy Infrastructure Safety on LS Power Grid California's 2025 Wildfire Mitigation Plan Update Pursuant to Public Utilities Code Section 8386.3(a).

This Resolution ratifies the attached Decision (Appendix A hereto) of the Office of Energy Infrastructure Safety (Energy Safety) approving LS Power Grid California's (LSPG-CA or electrical corporation) 2025 Wildfire Mitigation Plan (WMP) Update pursuant to Public Utilities Code (Pub. Util. Code) Section 8386.3(a).

This Resolution acts on the WMP submitted on July 9, 2024, pursuant to the Commission's obligations under Pub. Util. Code Section 8386.3(a). LSPG-CA's WMP responds to a list of 23 requirements set forth in Pub. Util. Code Section 8386(c). LSPG-CA submitted a comprehensive WMP in 2023 covering the three-year period 2023–2025. That WMP filing focused on measures the electrical corporation will take to reduce the risk of, and impact from, a catastrophic wildfire related to its electrical infrastructure and equipment. LSPG-CA's 2025 WMP Update provides information on LSPG-CA's progress over the past year as well as its 2024 and 2025 projections. Pursuant to California Pub. Util. Code Section 8386(b), electrical corporations must annually prepare and submit a WMP to Energy Safety for review and approval. Furthermore, Energy Safety may allow the annual submissions to be updates to the last approved comprehensive wildfire mitigation plan. In 2024, each electrical corporation was required to provide an update (2025 WMP Update) to its approved 2023-2025 Base WMP. In addition, the 2025 WMP Update responds to any additional requirements and metrics approved by the Commission in Resolutions SPD-26 and SPD-27 as well as the 2025 WMP Update Guidelines adopted by Energy Safety.¹

¹ Energy Safety's 2025 Wildfire Mitigation Plan Update Guidelines (adopted Jan. 2024, published Feb. 2024):

<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56254&shareable=true>.

Section 8386.3(a) provides that “After approval [of the 2025 WMP Update by Energy Safety,] the [C]ommission shall ratify the action of [Energy Safety].”

PROPOSED OUTCOME:

- Ratifies the attached Decision of Energy Safety to approve the 2025 WMP Update of LSPG-CA.
- Does not approve costs attributable to WMPs, as Pub. Util. Code Section 8386.4(b) requires electrical corporations to seek and prove the legitimacy of all expenditures in their general rate cases (GRC) or other applications for cost recovery.
- Does not establish a defense to any enforcement action for a violation of a Commission decision, order, or rule.

SAFETY CONSIDERATIONS:

Mitigation of catastrophic wildfires in California is among the most important safety challenges the Commission-regulated electrical corporations face. Comprehensive WMPs are essential to safety because the WMPs articulate an electrical corporation’s understanding of its utility-related wildfire risk and the proposed actions to reduce that risk and prevent catastrophic wildfires caused by utility infrastructure and equipment.

Utility-related catastrophic wildfire risk should be reduced over time by implementing measures such as vegetation management, system hardening (such as undergrounding power lines, covering conductors on overhead lines and removing or upgrading equipment most likely to cause fire ignition), making grid topology improvements (such as installation and operation of electrical equipment to sectionalize or island portions of the grid), improving asset inspection and maintenance, situational awareness (such as cameras, weather stations, and use of data to predict areas of highest fire threat), improving community engagement and awareness, and other measures.

ESTIMATED COST:

- Costs are not considered in this Resolution, as Pub. Util. Code Section 8386.4(b) provides for Commission cost review in a utility GRC or

separate application. Nothing in this Resolution should be construed as approval of the costs associated with the WMP mitigation efforts.

- For illustrative purposes, Table 1, below, contains LSPG-CA’s actual costs for 2023 and its projected costs for the implementation of wildfire mitigation efforts in its 2023–2025 WMP.

Table 1: LSPG-CA’s 2023-2025 WMP Costs²

Costs by Year	Costs \$USD
Actual 2023 costs	\$63,715.50
Proposed 2024 costs	\$70,000
Proposed 2025 costs	\$200,000
Proposed 2023–2025 WMP 3-year total costs	\$333,715.50

SUMMARY

This Resolution ratifies the attached Energy Safety Decision, issued on February 18, 2025, approving the 2025 WMP Update submitted by LSPG-CA on July 9, 2024 (Appendix A hereto).³ Pub. Util. Code Section 8386(c) requires that an electrical corporation’s WMP contain 23 elements. Energy Safety’s approval and the Commission’s ratification do not relieve the electrical corporation from any otherwise applicable permitting, ratemaking, or other legal and regulatory obligations.

BACKGROUND

Since several catastrophic wildfires in the San Diego area in 2007, the equipment of electrical utilities the Commission regulates has been implicated in the most devastating wildfires in our state’s history. The California Legislature enacted several measures requiring electrical corporations to submit, Energy Safety to review, approve, or

² From Data Request response SPD_LSP_2024_001.

³ LSPG-CA’s 2025 WMP Update can be found on the 2023–2025 Wildfire Mitigation Plan (2023-2025-WMPs) docket log at:

<https://efiling.energysafety.ca.gov/EFiling/DocketInformation.aspx?docketnumber=2023-2025-WMPs>.

otherwise act on, and the Commission to ratify, WMPs designed to reduce the risk of utility-related catastrophic wildfire. Catastrophic wildfires in 2017–2019 led the California Legislature to pass Senate Bill 901⁴ in 2018 and its successor Assembly Bill (AB) 1054,⁵ as well as AB 111 in 2019.⁶

AB 1054 requires Energy Safety to review and approve or deny electrical corporations' WMPs, with Commission ratification of any approval to follow thereafter. Energy Safety oversees electrical corporations' compliance with the WMP.⁷ If Energy Safety determines an electrical corporation is not in compliance with its approved WMP, it may recommend that the Commission pursue an enforcement action against the electrical corporation for noncompliance with its approved plan.⁸ The Commission may assess penalties on electrical corporations if they fail to substantially comply with their plans.⁹

LSPG-CA is an Independent Transmission Operator (ITO). ITOs are transmission-only electrical corporations with no end-use customers. These corporations have few assets and small territorial footprints compared to the large investor-owned utilities and small and multi-jurisdictional utilities in California. All California electrical corporations, including all ITOs, must meet the minimum statutory requirements provided in Pub. Util. Code section 8386(c).¹⁰

2025 WMP Update Evaluation Process

The wildfire mitigation statute requires a three-year WMP and permits Energy Safety to require only a WMP update in the year following the three-year WMP period. Pursuant to Pub. Util. Code Section 8386(b),

⁴ Stats. 2018, Ch. 626.

⁵ Stats. 2019, Ch. 79.

⁶ Stats. 2019, Ch. 81.

⁷ Pub. Util. Code Section 8386.3(c).

⁸ Pub. Util. Code Section 8389(g).

⁹ Pub. Util. Code Section 8386.1.

¹⁰ Pub. Util. Code § 8386(c)

([https://leginfo.legislature.ca.gov/faces/codes_displaySection.xhtml?lawCode=PUC§ionNum=8386.#::~:~:text=\(c\)](https://leginfo.legislature.ca.gov/faces/codes_displaySection.xhtml?lawCode=PUC§ionNum=8386.#::~:~:text=(c)), accessed January 26, 2024).

Each electrical corporation shall annually prepare and submit a wildfire mitigation plan to the Wildfire Safety Division for review and approval. In calendar year 2020, and thereafter, the plan shall cover at least a three-year period. The division shall establish a schedule for the submission of subsequent comprehensive wildfire mitigation plans, which may allow for the staggering of compliance periods for each electrical corporation. In its discretion, the division may allow the annual submissions to be updates to the last approved comprehensive wildfire mitigation plan; provided, that each electrical corporation shall submit a comprehensive wildfire mitigation plan at least once every three years.

On January 26, 2024, Energy Safety issued a schedule allowing electrical corporations to submit updates to their WMPs in 2024, after requiring a comprehensive WMP for the preceding three-year periods.

On July 9, 2024, LSPG-CA submitted its 2025 WMP Update. It provided an overview of the WMP in a public workshop on July 31, 2024. On September 10, 2024, Energy Safety issued a rejection and ordered LSPG-CA to resubmit its 2025 WMP Update by September 17, 2024, because LSPG-CA failed to provide justification for several updates to targets, objectives and expenditures. LSPG-CA resubmitted the 2025 WMP update on September 18, 2024.

On December 13, 2024, Energy Safety published a draft Decision approving LSPG-CA's 2025 WMP Update for public comment.¹¹ Comments on the draft Decision were due on January 6, 2025, and reply comments were due on January 16, 2025. No comments were provided to Energy Safety.

On February 18, 2025, Energy Safety issued its final Decision approving LSPG-CA's 2025 WMP Update.¹² Energy Safety did not identify any areas for continued improvement (ACI) for which LSPG-CA is required to demonstrate progress in its 2026-2028 Base WMP submittal.

¹¹ Available on the 2023–2025 Wildfire Mitigation Plan (2023-2025-WMPs) docket log at: <https://efiling.energysafety.ca.gov/EFiling/DocketInformation.aspx?docketnumber=2023-2025-WMPs>.

¹² Available on the 2023–2025 Wildfire Mitigation Plan (2023-2025-WMPs) docket log at: <https://efiling.energysafety.ca.gov/EFiling/DocketInformation.aspx?docketnumber=2023-2025-WMPs>.

In accordance with Pub. Util. Code Section 8386(d), notice of LSPG-CA's 2025 WMP Update was given by posting the WMP on Energy Safety's web page at [2025 Wildfire Mitigation Plan Updates | Office of Energy Infrastructure Safety \(ca.gov\)](#).¹³

Energy Safety Approval of 2025 WMP Update

The Pub. Util. Code requires Energy Safety to review, request revision, and approve or deny a utility's WMP. Energy Safety approved the 2025 WMP Update for LSPG-CA pursuant to Pub. Util. Code Section 8386.3 and submitted it to the Commission for ratification. According to Energy Safety's Decision, attached hereto as Appendix A, Energy Safety reviewed the WMP and considered input from the California Department of Forestry and Fire Protection and stakeholders, responses to data requests, and responses to ongoing reporting required in connection with previous WMP submissions and decisions. Energy Safety also applied a "maturity model" to test whether electrical corporations are improving or "maturing" in their response to catastrophic wildfire over time.

We take official notice that Energy Safety approved LSPG-CA's 2025 WMP Update in its final Decision on LSPG-CA's 2025 WMP Update on February 18, 2025, pursuant to the Commission's Rules of Practice and Procedure 13.10 and California Evidence Code Section 452(c). Parties may address the propriety of taking such notice in comments on this draft Resolution.

DISCUSSION

Ratification

The Commission has reviewed LSPG-CA's 2025 WMP Update, Energy Safety's evaluation of LSPG-CA's 2025 WMP Update, the Decision issued by Energy Safety pursuant to Pub. Util. Code Section 8386.3, stakeholder comments served on Energy Safety's 2025 WMP Update docket, and other public input. Pursuant to Pub. Util. Code Section 8386.3(a), the Commission ratifies Energy Safety's action approving LSPG-CA's 2025 WMP Update.

¹³ Available on the 2023–2025 Wildfire Mitigation Plan (2023-2025-WMPs) docket log at: <https://efiling.energysafety.ca.gov/EFiling/DocketInformation.aspx?docketnumber=2023-2025-WMPs>.

Wildfire Mitigation Costs

Pursuant to statute, an electrical corporation's costs associated with wildfire mitigation activities are not approved as part of its WMP. For Independent Transmission Operators such as LSPG-CA, costs may be addressed through a process at the Federal Energy Regulatory Commission (FERC).

Conclusion

Consistent with Pub. Util. Code Section 8386.3(a), the Commission ratifies Energy Safety's Decision (Appendix A hereto) approving LSPG-CA's 2025 WMP Update.

COMMENTS

Pub. Util. Code Section 311(g)(1) provides that resolutions must be served on all parties to a proceeding and subject to at least 30 days' public review. However, given that this Resolution is issued outside of a formal proceeding, interested stakeholders do not need party status in a Commission proceeding in order to submit comments. Comments are due 20 days from the mailing date of this Resolution. Replies will not be accepted.

This draft Resolution will be served on the service list of R.18-10-007 and the parties that submitted comments on the WMP to Energy Safety and placed on the Commission's agenda no earlier than 30 days from its mailing date.

FINDINGS AND CONCLUSIONS

1. The Office of Energy Infrastructure Safety reviewed and approved LS Power Grid California's 2025 Wildfire Mitigation Plan Update pursuant to Pub. Util. Code Section 8386.3(a) (Appendix A hereto).
2. Pub. Util. Code Section 8386.3(a) provides that "After approval [of the 2025 Wildfire Mitigation Plan by the Office of Energy Infrastructure Safety,] the [C]ommission shall ratify the action of [Energy Safety]."

THEREFORE, IT IS ORDERED THAT:

1. The Office of Energy Infrastructure Safety's Decision approving LS Power Grid California's 2025 Wildfire Mitigation Plan Update is ratified.
2. Nothing in this Resolution should be construed as approval of the costs associated with the implementation of LS Power Grid California's 2025 Wildfire Mitigation Plan Update.
3. The Commission takes official notice that the Office of Energy Infrastructure Safety approved LS Power Grid California's 2025 Wildfire Mitigation Plan Update in its Decision on February 18, 2025, pursuant to the Commission's Rules of Practice and Procedure Rule 13.10 and California Evidence Code Section 452(c).
4. Nothing in this Resolution should be construed as a defense to any enforcement action for a violation of a Commission decision, order, or rule.

This Resolution is effective today.

The foregoing resolution was duly introduced, passed, and adopted at a conference of the Public Utilities Commission of the State of California held on April 24, 2025; the following Commissioners voting favorably thereon:

Commissioner Signature blocks to be added
upon adoption of the resolution

Dated April 24, 2025, at Sacramento, California

APPENDIX A

OFFICE OF ENERGY INFRASTRUCTURE SAFETY DECISION



February 18, 2025

To: Stakeholders for the LS Power Grid California, LLC, 2025 Wildfire Mitigation Plan Update

Enclosed is the Decision of the Office of Energy Infrastructure Safety (Energy Safety), approving the LS Power Grid California, LLC (LS Power) 2025 Wildfire Mitigation Plan (WMP) Update.

On December 13, 2024, Energy Safety published a draft of this Decision for public review and comment.¹

Opening comments on the draft Decision were due on January 6, 2025, and reply comments were due on January 16, 2025.

No stakeholder comments were received during either of these comment periods. Energy Safety made non-substantive changes to correct typographical errors in the text.

If LS Power seeks to change its approved 2025 mitigation initiative targets, it must submit a change order request within 10 business days of Energy Safety's issuance of this Decision for LS Power's 2025 WMP Update. See Section 12 of Energy Safety's 2023-2025 WMP Process and Evaluation Guidelines² for further instructions and criteria for submitting a change order request.

Sincerely,

/s/ Tony Marino

Tony Marino
Acting Deputy Director | Electrical Infrastructure Directorate
Office of Energy Infrastructure Safety

¹ [Draft Decision for LS Power 2025 WMP Update](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57730&shareable=true)

(<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57730&shareable=true>, accessed February 10, 2025).

² [Energy Safety's 2023-2025 Wildfire Mitigation Plan Process and Evaluation Guidelines \(Revised\) \(adopted Jan. 2024, published Feb. 2024\)](#), Section 12 "Change Order Requests," pp. 22-28

(<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56255&shareable=true>, accessed May 6, 2024).



OFFICE OF ENERGY INFRASTRUCTURE SAFETY

DECISION

LS POWER GRID CALIFORNIA, LLC

2025 WILDFIRE MITIGATION PLAN UPDATE

February 2025

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1. Executive Summary

The Office of Energy Infrastructure Safety (Energy Safety) works to ensure electrical corporations take effective actions to reduce utility-related wildfire risk. This Decision approves LS Power Grid California, LLC's (LS Power's) 2025 Wildfire Mitigation Plan (WMP) Update, resubmitted September 18, 2024, pursuant to a Rejection and Order to Resubmit.

LS Power provided a total of 14 reportable updates in its 2025 WMP Update. These include four updates to approved targets, six changes to objective completion dates, two changes to quarterly inspection targets for 2025, one new program, and one report on progress required for an area for continued improvement.

The above-listed updates encompass four initiative categories. These include asset inspections, vegetation management and inspections, situational awareness and forecasting, and emergency preparedness.

Energy Safety evaluated LS Power's 2025 WMP Update and finds several strengths. For example, LS Power is improving its situational awareness and forecasting capabilities by implementing a new program to install dedicated weather stations on site at its substations. These improvements will allow for increased situational awareness and provide real-time weather monitoring and forecasting to help guide LS Power's operational decision-making. Additionally, LS Power is improving its vegetation inspection program by establishing quantitative targets.

Energy Safety also evaluated LS Power's response to a 2023 area for continued improvement which required progress by LS Power's 2025 WMP Update. LS Power responded by completing the tables in the emergency preparedness section of its Redlined 2023-2025 Base WMP, meeting Energy Safety's required progress. Energy Safety did not identify any new areas for continued improvement in its evaluation of LS Power's 2025 WMP Update. Therefore, LS Power is not required to report on any areas for continued improvement in its 2026-2028 Base WMP.

2. Introduction and Background

LS Power Grid California, LLC (LS Power) submitted its 2023-2025 Wildfire Mitigation Plan (2023-2025 Base WMP) in 2023.¹ Energy Safety approved LS Power's 2023-2025 Base WMP on January 30, 2024. On July 8, 2024, LS Power submitted its 2025 Wildfire Mitigation Plan Update (2025 WMP Update). On September 18, 2024, LS Power submitted its revised 2025 WMP Update² to its 2023-2025 Base WMP in accordance with Energy Safety's 2025 Wildfire Mitigation Plan Update Guidelines (2025 WMP Update Guidelines)³ and Energy Safety's 2023-2025 Wildfire Mitigation Plan Process and Evaluation Guidelines (WMP Process Guidelines).⁴

On September 10, 2024, Energy Safety issued a Rejection and Order to Resubmit⁵ for LS Power's 2025 WMP Update and received the resubmitted 2025 WMP Update⁶ on September 18, 2024.

Pursuant to Public Utilities Code section 8386.3(a), this Decision approves LS Power's 2025 WMP Update to its 2023-2025 Base WMP.

¹ In accordance with [Energy Safety's 2023-2025 Wildfire Mitigation Plan Technical Guidelines \(December 6, 2022\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=53286&shareable=true) (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=53286&shareable=true, accessed April 9, 2024).

² In response to Energy Safety's Rejection and Order to Resubmit for LS Power Grid California, LLC, 2025 Wildfire Mitigation Plan Update, LS Power submitted [LS Power 2025 WMP Update Revision 1 \(redlined\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true); [LS Power 2025 WMP Update Revision 1 \(clean\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57369&shareable=true); [LS Power 2023-2025 Base WMP Revision 3 \(redlined\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57370&shareable=true); and [LS Power 2023-2025 Base WMP Revision 3 \(clean\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57371&shareable=true) (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true, accessed Oct. 31, 2024); (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57369&shareable=true, accessed Oct. 31, 2024); (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57370&shareable=true, accessed Oct. 31, 2024); (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57371&shareable=true, accessed Oct. 31, 2024).

³ [Energy Safety's 2025 Wildfire Mitigation Plan Update Guidelines \(adopted Jan. 2024, published Feb. 2024\) \(hereafter 2025 WMP Update Guidelines\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56254&shareable=true) (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56254&shareable=true, accessed May 6, 2024).

⁴ [Energy Safety's 2023-2025 Wildfire Mitigation Plan Process and Evaluation Guidelines \(Revised\) \(adopted Jan. 2024, published Feb. 2024\) \(hereafter Revised WMP Process Guidelines\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56255&shareable=true) (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56255&shareable=true, accessed May 6, 2024).

⁵ [Rejection and Order to Resubmit for LS Power Grid California, LLC, 2025 Wildfire Mitigation Plan Update](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57331&shareable=true) (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57331&shareable=true, accessed October 31, 2024).

⁶ [LS Power 2025 WMP Update Revision 1 \(redlined\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true); [LS Power 2025 WMP Update Revision 1 \(clean\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57369&shareable=true); [LS Power 2023-2025 Base WMP Revision 3 \(redlined\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57370&shareable=true); and [LS Power 2023-2025 Base WMP Revision 3 \(clean\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57371&shareable=true) (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true, accessed Oct. 31, 2024); (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57369&shareable=true, accessed Oct. 31, 2024); (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57370&shareable=true, accessed Oct. 31, 2024); (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57371&shareable=true, accessed Oct. 31, 2024).

2.1 Consultation with California Department of Forestry and Fire Protection

The Office of the State Fire Marshal is part of the California Department of Forestry and Fire Protection (CAL FIRE). Public Utilities Code section 8386.3(a) requires Energy Safety to consult with the Office of the State Fire Marshal in reviewing electrical corporations' WMPs and WMP Updates. The Office of the State Fire Marshal provided consultation and input into Energy Safety's evaluation, but this Decision is an action of Energy Safety and not the Office of the State Fire Marshal or CAL FIRE.

2.2 Stakeholder Comments

Energy Safety invited stakeholders and members of the public to provide comments on the electrical corporations' 2025 WMP Updates and Revision Notices. Opening comments on LS Power's 2025 WMP Update were due on August 12, 2024, and reply comments were due on August 22, 2024. Energy Safety did not receive any stakeholder comments on LS Power's 2025 WMP Update.

Energy Safety also accepted stakeholder comments on LS Power's resubmitted 2025 WMP Update. Opening comments were due on the resubmitted 2025 WMP Update on September 27, 2024, and reply comments were due October 2, 2024. No comments were received on LS Power's resubmitted 2025 WMP Update.

3. Energy Safety 2025 WMP Update Evaluation Process

Energy Safety issued the following guidelines for electrical corporations' 2025 WMP Updates:

- **2025 Wildfire Mitigation Plan Update Guidelines (January 2024)** (hereafter 2025 WMP Update Guidelines), which sets forth reportable updates and general instructions for each electrical corporation's 2025 WMP Update.
- **2023-2025 Wildfire Mitigation Plan Process and Evaluation Guidelines (Revised January 2024)** (hereafter WMP Process Guidelines), which outlines the process for Energy Safety's evaluation of WMPs, details the public participation process, and establishes submission requirements for the electrical corporations.
- **2023-2025 Electrical Corporation Wildfire Mitigation Maturity Model (Revised January 2024)** and **2023-2025 Electrical Corporation Wildfire Mitigation Maturity Survey (Revised February 2024)** (hereafter Maturity Model and Maturity Survey), which together provide a quantitative method for assessing electrical corporation wildfire risk mitigation capabilities and examining how electrical corporations continue to improve in key areas of their WMPs.^{7, 8}

3.1 Reportable Updates

Energy Safety's 2025 WMP Update Guidelines delineate the following five categories of updates that the electrical corporations are required to report:⁹

1. Updates to risk models
2. Updates to approved targets, objectives, and projected expenditures¹⁰
3. Quarterly inspection targets for 2025 for vegetation management and asset inspections

⁷ [Energy Safety's 2023-2025 Electrical Corporation Wildfire Mitigation Maturity Model \(revised and adopted Jan. 2024, published Feb. 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56256&shareable=true) (hereafter Maturity Model)

(<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56256&shareable=true>, accessed May 6, 2024).

⁸ [Energy Safety's 2023-2025 Electrical Corporation Wildfire Mitigation Maturity Survey \(adopted Jan. 2024, revised and published Feb. 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56306&shareable=true) (hereafter Maturity Survey)

(<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56306&shareable=true>, accessed May 6, 2024).

⁹ [2025 WMP Update Guidelines](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56254&shareable=true), "Reportable Updates," p. 3

(<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56254&shareable=true>, accessed May 6, 2024).

¹⁰ Energy Safety's WMP evaluation and decision on a WMP is not an approval of, or agreement with, costs listed in the WMP.

4. New or discontinued programs
5. Progress on areas for continued improvement

The 2025 WMP Update Guidelines state that electrical corporations may not include any updates in their 2025 WMP Update that do not fall under one of these five categories.¹¹

The 2025 WMP Update Guidelines further state that if an electrical corporation does not have any updates that fall within any of the above categories, it must affirm that it has no reportable updates for 2025 and that the information provided in its 2023-2025 Base WMP is current and accurate.¹²

3.2 Maturity Model and Survey

Energy Safety used the Maturity Model¹³ and the electrical corporations' 2023 and 2024 responses to the Maturity Survey¹⁴ to assess the maturity of each electrical corporation's wildfire risk mitigation program.¹⁵

The Maturity Model consists of 37 individual capabilities describing the ability of electrical corporations to mitigate wildfire risk and Public Safety Power Shutoff (PSPS) risk within their service territory.¹⁶ The 37 capabilities are aggregated into 7 categories.¹⁷ Maturity levels range from 0 (below minimum requirements) to 4 (beyond best practice). For each electrical corporation, Energy Safety calculated maturity levels for each capability, each category, five

¹¹ [2025 WMP Update Guidelines](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56254&shareable=true), p. 3 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56254&shareable=true, accessed March 29, 2024).

¹² [2025 WMP Update Guidelines](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56254&shareable=true), p. 3 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56254&shareable=true, accessed March 29, 2024).

¹³ [Maturity Model](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56256&shareable=true) (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56256&shareable=true, accessed May 6, 2024).

¹⁴ [Maturity Survey](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56306&shareable=true) (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56306&shareable=true, accessed May 6, 2024).

¹⁵ Energy Safety revised the 2023-2025 Electrical Corporation Wildfire Mitigation Maturity Model and Maturity Survey in January 2024. The revisions did not result in any changes to Maturity Survey questions, therefore the responses from 2024 are directly comparable to the responses from 2023. See the Maturity Survey issued by Energy Safety to the electrical corporations in 2023:

[Revised Final 2023 Electrical Corporation Wildfire Mitigation Maturity Survey \(April 24, 2023\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=53708&shareable=true) (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=53708&shareable=true, accessed May 6, 2024).

¹⁶ [Maturity Model](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56256&shareable=true), Section 1, "Introduction," p. 1 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56256&shareable=true, accessed April 9, 2024).

¹⁷ [Maturity Model](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56256&shareable=true), Section 3.1, "Capabilities and Categories," pp. 7-8 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56256&shareable=true, accessed April 9, 2024).

cross-category themes, and the overall WMP, based on the electrical corporation's answers to Maturity Survey questions and the scoring system described in the Maturity Model.¹⁸

Appendix F summarizes LS Power's 2024 Maturity Survey results and changes in LS Power's maturity compared to its 2023 Maturity Survey results.

3.3 Areas for Continued Improvement

Energy Safety's Decisions on the 2023-2025 Base WMPs focused on each electrical corporation's strategies for reducing the risk of utility-related ignitions. In those Decisions, Energy Safety identified areas where the electrical corporation must continue to improve its wildfire mitigation capabilities in future plans. For some areas, the electrical corporation was required to report its progress in its 2025 WMP Update. Energy Safety discusses the results of its evaluation of the electrical corporation's progress in each of those areas in Sections 5 through 9 of this Decision.

3.4 Errata

LS Power did not submit an errata and Energy Safety did not request an errata from LS Power.

3.5 Revision Notice

Public Utilities Code section 8386.3(a) states, "Before approval, [Energy Safety] may require modifications of the [WMP]." If Energy Safety requires modifications to a WMP, it does so by issuing a Revision Notice to an electrical corporation.¹⁹

Energy Safety did not issue LS Power a Revision Notice for its 2025 WMP Update.

3.6 Decision

In its evaluation of an electrical corporation's 2025 WMP Update, Energy Safety considers the information provided by the electrical corporation regarding its reportable updates and the associated justifications. Energy Safety's approval of a 2025 WMP Update constitutes collective approval of the reported items in the electrical corporation's 2025 WMP Update. The approval therefore authorizes the updates to the electrical corporation's 2023-2025 Base

¹⁸ [Maturity Model](#), Section 4, "Maturity Level Determination," pp. 39-42 (<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56256&shareable=true>, accessed April 9, 2024).

¹⁹ [Revised WMP Process Guidelines](#), Section 4.4, "Revision Notice," pp. 6-8 (<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56255&shareable=true>, accessed May 6, 2024).

WMP, as shown in the “Redlined 2023-2025 Base WMP” and “Clean Updated 2023-2025 Base WMP” provided as part of the electrical corporation’s 2025 WMP Update submission.²⁰

LS Power’s reported updates reduce risk, increase efficiencies, and demonstrate a commitment to improving situational awareness, forecasting, operational decision-making, and vegetation inspections. Therefore, Energy Safety approves LS Power’s 2025 WMP Update.

Energy Safety invited stakeholders, including members of the public, to provide comments on Energy Safety’s draft Decision for LS Power’s 2025 WMP Update (published for comment on December 13, 2024). No stakeholders or members of the public provided comments, as noted in Appendix E.

²⁰ [2025 WMP Update Guidelines](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56254&shareable=true), pp. 3-4
(<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56254&shareable=true>, accessed March 29, 2024).

4. LS Power 2025 WMP Update

In accordance with the 2025 WMP Update Guidelines,²¹ LS Power provided the following for its 2025 WMP Update submission:

1. **2025 WMP Update:** A standalone 2025 WMP Update document that describes LS Power's reportable updates, or confirmation of no updates to the approved 2023-2025 Base WMP.
2. **Redlined 2023-2025 Base WMP:** A redlined version of LS Power's 2023-2025 Base WMP showing reportable updates to the approved 2023-2025 Base WMP.
3. **Clean Updated 2023-2025 Base WMP:** A clean, updated copy of LS Power's 2023-2025 Base WMP (i.e., without any updates marked in redline) incorporating the reportable updates from LS Power's 2025 WMP Update as demonstrated in the redlined version.

Specifically, in response to the five categories of reportable updates of the 2025 WMP Update Guidelines, LS Power provided the required information for each category. Energy Safety discusses each reportable update under the relevant mitigation initiative in Sections 5 through 9 of this Decision.

²¹ [2025 WMP Update Guidelines, pp. 3-4](#)

(<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56254&shareable=true>, accessed May 6, 2024).

5. Overview of the Service Territory

In its 2025 WMP Update, LS Power did not report any updates to the overview of the service territory section of its 2023-2025 Base WMP.

6. Risk Methodology and Assessment

In its 2025 WMP Update, LS Power did not report any updates to the risk methodology and assessment section of its 2023-2025 Base WMP.

7. Wildfire Mitigation Strategy Development

In its 2025 WMP Update, LS Power did not report any updates to the wildfire mitigation strategy development section of its 2023-2025 Base WMP.

8. Wildfire Mitigation Initiatives

This section provides Energy Safety’s evaluation of LS Power’s reportable updates related to the following wildfire mitigation initiatives:

- Grid design, operations, and maintenance, including grid design and system hardening, asset inspections, equipment maintenance and repair, and grid operations and procedures
- Vegetation management and inspections
- Situational awareness and forecasting
- Emergency preparedness
- Community outreach and engagement

Energy Safety discusses its evaluation of LS Power’s reportable updates related to PSPS in Section 9. Energy Safety includes discussion of any reportable updates affecting LS Power’s process for continuous improvement in Section 10.

8.1 Grid Design, Operations, and Maintenance

In its 2025 WMP Update, LS Power provided three total updates related to the grid design, operations, and maintenance section of its 2023-2025 Base WMP. The updates LS Power provided related to this section included reporting updates to one approved target, reporting updates to one objective, and providing quarterly targets for one asset inspections program.

8.1.1 Grid Design and System Hardening

8.1.1.1 2023 Areas for Continued Improvement

Energy Safety’s Decision on LS Power’s 2023-2025 Base WMP²² did not require LS Power to report progress on any areas for continued improvement in the grid design and system hardening section in its 2025 WMP Update. Therefore, LS Power has no reportable updates in this area.

8.1.1.2 New or Discontinued Programs

In its 2025 WMP Update, LS Power did not report any new or discontinued programs related to the grid design and system hardening section of its 2023-2025 Base WMP.

²² [Energy Safety Decision on LS Power 2023-2025 Base WMP \(January 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true), Section 11 “Required Areas for Continued Improvement,” pp. 54-55 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true, accessed October 31, 2024).

8.1.1.3 Targets, Objectives, and Projected Expenditures

In its 2025 WMP Update, LS Power did not provide any updates to approved targets, objectives, or projected expenditures related to the grid design and system hardening section of its 2023-2025 Base WMP.

8.1.2 Asset Inspections

8.1.2.1 2023 Areas for Continued Improvement

Energy Safety's Decision on LS Power's 2023-2025 Base WMP²³ did not require LS Power to report progress on any areas for continued improvement in the asset inspections section in its 2025 WMP Update. Therefore, LS Power has no reportable updates in this area.

8.1.2.2 New or Discontinued Programs

In its 2025 WMP Update, LS Power did not report any new or discontinued programs related to the asset inspections section of its 2023-2025 Base WMP.

8.1.2.3 Targets, Objectives, and Projected Expenditures

In its 2025 WMP Update, LS Power provided quarterly targets (end of Q2 and end of Q3) for one of its 2025 asset inspection programs, as required by the 2025 WMP Update Guidelines.²⁴

Additionally, LS Power provided updates to approved targets and objectives related to the asset inspections section of its 2023-2025 Base WMP. Energy Safety finds that these reportable updates meet the requirements set forth in the 2025 WMP Update Guidelines.

Specifically, LS Power provided updates to approved targets and objectives for its equipment inspections (LSP-02) initiative. LS Power decreased its target for equipment inspections from 24 to 15.²⁵ LS Power updated its expected completion date for implementing its substation inspection program from June 2024 to the first quarter of 2025.²⁶ LS Power stated that the decrease in equipment inspection targets and change in its program implementation date is

²³ [Energy Safety Decision on LS Power 2023-2025 Base WMP \(January 2024\)](#), Section 11 "Required Areas for Continued Improvement," pp. 54-55 (<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true>, accessed October 31, 2024).

²⁴ [2025 WMP Update Guidelines](#), Section 3, "Quarterly Inspection Targets for 2025," p. 15 - (<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56254&shareable=true>, accessed April 9, 2023).

²⁵ [LS Power 2025 WMP Update \(R1\) \(redline version, September 2024\)](#), p. 4 (<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true>, accessed October 25, 2024).

²⁶ [LS Power 2025 WMP Update \(R1\) \(redline version, September 2024\)](#), p. 7 (<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true>, accessed October 25, 2024).

due to construction and permitting delays which have shifted the energization dates for its Orchard and Fern substations.^{27,28} Additionally, LS Power provided quarterly targets for equipment inspections: six inspections for Q2 2025 and nine inspections for Q3 2025.²⁹

Energy Safety Evaluation

Given the energization delays of LS Power's Orchard and Fern substations, Energy Safety finds the decrease in inspection targets and quarterly targets appropriate as the targets correspond to monthly inspections for each substation once energized.

LS Power's quarterly targets for its 2025 asset inspections are consistent with quarterly targets for 2023 and 2024 and meet the requirements of the 2025 WMP Update Guidelines.

Areas for Continued Improvement

Energy Safety has no new areas for continued improvement for LS Power in asset inspections.

8.1.3 Equipment Maintenance and Repair

8.1.3.1 2023 Areas for Continued Improvement

Energy Safety's Decision on LS Power's 2023-2025 Base WMP³⁰ did not require LS Power to report progress on any areas for continued improvement in the equipment maintenance and repair section in its 2025 WMP Update. Therefore, LS Power has no reportable updates in this area.

8.1.3.2 New or Discontinued Programs

In its 2025 WMP Update, LS Power did not report any new or discontinued programs related to the equipment maintenance and repair section of its 2023-2025 Base WMP.

²⁷ [LS Power 2025 WMP Update \(R1\) \(redline version, September 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true), p. 4 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true, accessed October 25, 2024).

²⁸ [LS Power 2025 WMP Update \(R1\) \(redline version, September 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true), p. 7 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true, accessed October 25, 2024).

²⁹ [LS Power 2025 WMP Update \(R1\) \(redline version, September 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true), p. 9 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true, accessed October 25, 2024).

³⁰ [Energy Safety Decision on LS Power 2023-2025 Base WMP \(January 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true), Section 11 "Required Areas for Continued Improvement," pp. 54-55 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true, accessed October 31, 2024).

8.1.3.3 Targets, Objectives, and Projected Expenditures

In its 2025 WMP Update, LS Power did not report any updates to approved targets, objectives, or projected expenditures related to the equipment maintenance and repair section of its 2023-2025 Base WMP.

8.1.4 Grid Operations and Procedures

8.1.4.1 2023 Areas for Continued Improvement

Energy Safety's Decision on LS Power's 2023-2025 Base WMP³¹ did not require LS Power to report progress on any areas for continued improvement in the grid operations and procedures section in its 2025 WMP Update. Therefore, LS Power has no reportable updates in this area.

8.1.4.2 New or Discontinued Programs

In its 2025 WMP Update, LS Power did not report any new or discontinued programs related to the grid operations and procedures section of its 2023-2025 Base WMP.

8.1.4.3 Targets, Objectives, and Projected Expenditures

In its 2025 WMP Update, LS Power did not report any updates to approved targets, objectives, or projected expenditures related to the grid operations and procedures section of its 2023-2025 Base WMP.

8.2 Vegetation Management and Inspections

In its 2025 WMP Update, LS Power provided three updates related to the vegetation management and inspections section of its 2023-2025 Base WMP. The updates LS Power provided related to this section included reporting an update to one approved target, reporting an update to one objective, and providing quarterly inspection targets for one 2025 vegetation inspection program.

³¹ [Energy Safety Decision on LS Power 2023-2025 Base WMP \(January 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true), Section 11 "Required Areas for Continued Improvement," pp. 54-55 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true, accessed October 31, 2024).

8.2.1 2023 Areas for Continued Improvement

Energy Safety's Decision on LS Power's 2023-2025 Base WMP³² did not require LS Power to report progress on any areas for continued improvement in the vegetation management and inspections section in its 2025 WMP Update. Therefore, LS Power has no reportable updates in this area.

8.2.2 New or Discontinued Programs

In its 2025 WMP Update, LS Power did not report any new or discontinued programs related to the vegetation management and inspections section of its 2023-2025 Base WMP.

8.2.3 Targets, Objectives, and Projected Expenditures

In its 2025 WMP Update, LS Power provided quarterly targets (end of Q2 and end of Q3) for one of its 2025 vegetation management inspection programs, as required by the 2025 WMP Update Guidelines.³³

Additionally, LS Power provided updates to one approved target and one objective related to the vegetation management and inspections section of its 2023-2025 Base WMP. Energy Safety finds that these reportable updates meet the requirements set forth in the 2025 WMP Update Guidelines.

Specifically, LS Power provided an update to its 2025 end-of-year target for vegetation inspections (LSP-04).³⁴ In its 2023-2025 Base WMP, LS Power stated that vegetation inspections would occur monthly once its facilities were energized; however, LS Power did not define these inspections as a quantitative target.³⁵ In its 2025 WMP Update, LS Power provided a quantitative target of 15 inspections in 2025: 12 inspections of the Orchard substation, which is expected to energize in January 2025, and 3 inspections of the Fern

³² [Energy Safety Decision on LS Power 2023-2025 Base WMP \(January 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true), Section 11 "Required Areas for Continued Improvement," pp. 54-55 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true, accessed October 31, 2024).

³³ [2025 WMP Update Guidelines](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56254&shareable=true), Section 3 "Quarterly Inspection Targets for 2025," p. 15 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56254&shareable=true, accessed April 9, 2023).

³⁴ [LS Power 2025 WMP Update \(R1\) \(redline version, September 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true), p. 4 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true, accessed October 25, 2024).

³⁵ [LS Power 2023-2025 Base WMP \(R1\) \(February 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56319&shareable=true), p. 121 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56319&shareable=true, accessed November 8, 2024).

substation, which is expected to energize in October 2025.³⁶ Additionally, LS Power provided quarterly targets for this vegetation inspection program: six inspections by the end of Q2 and nine inspections by the end of Q3.³⁷

LS Power also provided an updated objective completion date for implementing its vegetation inspection program (LSP-04) of Q1 2025 (updated from June 2024) due to construction and permitting delays that have pushed the energization dates of its substations into 2025.³⁸

8.2.3.1 Energy Safety Evaluation

LS Power's quarterly targets for its 2025 vegetation management inspection program are consistent with its approved 2023-2025 Base WMP, which described these inspections as occurring monthly,³⁹ and meet the requirements of the 2025 WMP Update Guidelines.

LS Power's reported update to the LSP-04 end-of-year target for 2025 adds clarity by defining a specific quantitative target, rather than describing the frequency of inspections in a narrative. This target is also consistent with LS Power's updated timeline for energization of its Orchard and Fern substations.⁴⁰ LS Power's reported update to its objective completion date for implementing its vegetation inspection program is also consistent with its updated timeline for energization. As such, Energy Safety finds these updates acceptable.

8.2.3.2 Areas for Continued Improvement

Energy Safety has no new areas for continued improvement for LS Power in vegetation management and inspections.

8.3 Situational Awareness and Forecasting

³⁶ [Data Request OEIS-P-WMP 2024-LSP-01](#), Q01

(<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57105&shareable=true>, accessed October 25, 2024).

³⁷ [LS Power 2025 WMP Update \(R1\) \(redline version, September 2024\)](#), p. 9

(<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true>, accessed October 25, 2024).

³⁸ [LS Power 2025 WMP Update \(R1\) \(redline version, September 2024\)](#), p. 7

(<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true>, accessed October 25, 2024).

³⁹ [LS Power 2023-2025 Base WMP \(R1\) \(February 2024\)](#), p. 121

(<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56319&shareable=true>, accessed November 8, 2024).

⁴⁰ [Data Request OEIS-P-WMP 2024-LSP-01](#), Q01

(<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57105&shareable=true>, accessed October 25, 2024).

In its 2025 WMP Update, LS Power provided five total updates related to the situational awareness and forecasting section of its 2023-2025 Base WMP. The updates LS Power provided related to this section included reporting one new program and reporting updates to two approved targets and two objectives.

8.3.1 2023 Areas for Continued Improvement

Energy Safety's Decision on LS Power's 2023-2025 Base WMP⁴¹ did not require LS Power to report progress on any areas for continued improvement in the situational awareness and forecasting section in its 2025 WMP Update. Therefore, LS Power has no reportable updates in this area.

8.3.2 New or Discontinued Programs

In its 2025 WMP Update, LS Power reported creating one new program related to the situational awareness and forecasting section of its 2023-2025 Base WMP. Energy Safety finds that this update meets the reportable update criteria set forth in the 2025 WMP Update Guidelines.

LS Power stated that it will install dedicated onsite weather stations at each of its substation facilities.⁴²

8.3.2.1 Energy Safety Evaluation

In response to LS Power's reported new program, as summarized above, Energy Safety finds that LS Power will gain greater situational awareness and increased real-time data collection with the installation of these new weather stations located at each of its substations.

8.3.2.2 Areas for Continued Improvement

Energy Safety has no new areas for continued improvement for LS Power in situational awareness and forecasting.

8.3.3 Targets, Objectives, and Projected Expenditures

In its 2025 WMP Update, LS Power provided updates to two approved targets and two objectives related to the situational awareness and forecasting section of its 2023-2025 Base

⁴¹ [Energy Safety Decision on LS Power 2023-2025 Base WMP \(January 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true), Section 11 "Required Areas for Continued Improvement," pp. 54-55 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true, accessed October 31, 2024).

⁴² [LS Power 2025 WMP Update \(R1\) \(redline version, September 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true), p. 10 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true, accessed October 25, 2024).

WMP. Energy Safety finds that these reportable updates meet the requirements set forth in the 2025 WMP Update Guidelines.

Specifically, LS Power provided updates to approved targets for initiatives LSP-05 (integration of StormGeo, a weather forecasting support tool) and LSP-06 (installation of cameras at Orchard/Fern Road).⁴³ LS Power reported updates to its target for LSP-05 from 0% to 100% integration in 2025.⁴⁴ LS Power also reported updates to its target for LSP-06 from 0 to 32 cameras installed in 2025.⁴⁵

Additionally, LS Power reported updates to two objectives, extending completion dates for integrating StormGeo (LSP-05) from December 2024 to Q1 2025, and installing cameras at its substations (LSP-06) from December 2024 to Q4 2025.⁴⁶

LS Power stated that its updates to these initiatives are due to construction and permitting delays which have pushed energization dates for both Orchard and Fern substations into 2025.⁴⁷

8.3.3.1 Energy Safety Evaluation

Energy Safety finds that the integration of StormGeo and the installation of multiple monitoring cameras into LS Power's operation will increase its ability to have greater weather forecasting data and increased situational awareness. This increase in real-time data collection will help guide LS Power's operational decision-making, provide alerts for equipment malfunctions, and will likely result in a decrease in fire risk.

8.3.3.2 Areas for Continued Improvement

Energy Safety has no new areas for continued improvement for LS Power in situational awareness and forecasting.

⁴³ [LS Power 2023-2025 Base WMP \(R3\) \(clean version, September 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57371&shareable=true), p. 129

(<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57371&shareable=true>, accessed October 31, 2024).

⁴⁴ [LS Power 2025 WMP Update \(R1\) \(redline version, September 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true), p. 4

(<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true>, accessed October 25, 2024).

⁴⁵ [LS Power 2025 WMP Update \(R1\) \(redline version, September 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true), p. 5

(<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true>, accessed October 25, 2024).

⁴⁶ [LS Power 2025 WMP Update \(R1\) \(redline version, September 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true), p. 7

(<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true>, accessed October 25, 2024).

8.4 Emergency Preparedness

In its 2025 WMP Update, LS Power provided three total updates related to the emergency preparedness section of its 2023-2025 Base WMP. The updates LS Power provided related to this section included reporting required progress on one area for continued improvement and reporting updates to two objectives.

8.4.1 2023 Areas for Continued Improvement

LS Power reported its progress on one area for continued improvement in the emergency preparedness section in its 2025 WMP Update.

8.4.1.1 LS Power-23B-01. Emergency Preparedness Tables⁴⁸

In its 2023 WMP Decision, Energy Safety found that many of LS Power’s emergency preparedness tables were incomplete.⁴⁹ Energy Safety required LS Power to complete all 20 tables in the emergency preparedness section (WMP Tables 8-33 through 8-52).⁵⁰

In its Redlined 2023-2025 Base WMP,⁵¹ LS Power updated the applicable tables and in its 2025 WMP Update identified those table updates.⁵²

⁴⁸ Energy Safety is instituting a new naming convention for its areas for continued improvement. Moving forward, areas for continued improvement identified in Energy Safety’s evaluation of Base WMPs will be designated with a “B” and areas for continued improvement identified in Energy Safety’s evaluation of WMP Updates will be designated with a “U.” Accordingly, areas for continued improvement that were identified in Energy Safety’s evaluation of 2023-2025 Base WMPs are retitled “23B” and new areas for continued improvement identified in Energy Safety’s evaluation of 2025 Update WMPs herein are titled “25U.”

⁴⁹ [Energy Safety Decision on LS Power 2023-2025 Base WMP \(January 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true), Section 11 “Required Areas for Continued Improvement,” pp. 54-55 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true, accessed October 31, 2024).

⁵⁰ [Energy Safety Decision on LS Power 2023-2025 Base WMP \(January 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true), Section 11 “Required Areas for Continued Improvement,” pp. 54-55 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true, accessed October 31, 2024).

⁵¹ [LS Power 2023-2025 Base WMP \(R3\) \(redline version, September 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57370&shareable=true), Section 8.4 “Emergency Preparedness” (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57370&shareable=true, accessed October 31, 2024).

⁵² [LS Power 2025 WMP Update \(R1\) \(redline version, September 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true), pp. 11-19 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true, accessed October 25, 2024).

Energy Safety Evaluation

As stated above, LS Power updated its emergency preparedness tables in response to this area for continued improvement and provided more complete information in its 2023-2025 Base WMP.

LS Power sufficiently responded to this area for continued improvement; no further reporting is required on this area for continued improvement in LS Power's 2026-2028 Base WMP.

8.4.2 New or Discontinued Programs

In its 2025 WMP Update, LS Power did not report any new or discontinued programs related to the emergency preparedness section of its 2023-2025 Base WMP.

8.4.3 Targets, Objectives, and Projected Expenditures

In its 2025 WMP Update, LS Power provided updates to two objectives related to the emergency preparedness section of its 2023-2025 Base WMP. Energy Safety finds that these reportable updates meet the requirements set forth in the 2025 WMP Update Guidelines.

Specifically, LS Power provided updates to objective completion dates for its initiatives to establish contact with local public safety and fire agencies (LSP-09) and ensure site locations and access information are integrated into relevant dispatch systems (LSP-08). Both objective completion dates were updated from June 2024 to January 2025.⁵³ LS Power stated that its objective completion date changes are due to delays with its energization dates, with its first substation becoming operational in January 2025.⁵⁴ LS Power also stated that it will need to provide its dispatchers with updated operational contacts and safety information prior to energization.⁵⁵

8.4.3.1 Energy Safety Evaluation

Energy Safety finds that given the energization delays of LS Power's Orchard and Fern substations, it is appropriate for LS Power to establish contact with public safety and fire agencies, as well as provide location and access information to dispatchers, ahead of its new energization dates in 2025. While Energy Safety recognizes that these delays give LS Power

⁵³ [LS Power 2025 WMP Update \(R1\) \(redline version, September 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true), p. 8 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true, accessed October 25, 2024).

⁵⁴ [LS Power 2025 WMP Update \(R1\) \(redline version, September 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true), p. 8 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true, accessed October 25, 2024).

⁵⁵ [LS Power 2025 WMP Update \(R1\) \(redline version, September 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true), p. 8 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true, accessed October 25, 2024).

more time to connect with local public safety entities, it is important that LS Power establishes contact prior to energizing its substations.

8.4.3.2 Areas for Continued Improvement

Energy Safety has no new areas for continued improvement for LS Power in emergency preparedness.

8.5 Community Outreach and Engagement

In its 2025 WMP Update, LS Power did not report any updates to the community outreach and engagement section of its 2023-2025 Base WMP.

9. Public Safety Power Shutoff

In its 2025 WMP Update, LS Power did not report any updates to the Public Safety Power Shutoff section of its 2023-2025 Base WMP.

10. LS Power's Process for Continuous Improvement

LS Power did not indicate any changes to the lessons learned or corrective action program sections of its 2023-2025 Base WMP.

11. Required Areas for Continued Improvement

Energy Safety’s Decision on LS Power’s 2023-2025 Base WMP⁵⁶ required LS Power to report progress on one area for continued improvement in its 2025 WMP Update. LS Power responded by completing the tables in the emergency preparedness section of its Redlined 2023-2025 Base WMP, meeting Energy Safety’s required progress. Energy Safety’s Decision on LS Power’s 2023-2025 Base WMP did not require LS Power to report progress on any areas for continued improvement in its 2026-2028 Base WMP. In its evaluation of LS Power’s 2025 WMP Update, Energy Safety did not identify any new areas for continued improvement for LS Power. Therefore, LS Power is not required to report on any areas for continued improvement in its 2026-2028 Base WMP.

⁵⁶ [Energy Safety Decision on LS Power 2023-2025 Base WMP \(January 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true), Section 11 “Required Areas for Continued Improvement,” pp. 54-55 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true, accessed October 31, 2024).

12. Conclusion

LS Power's 2025 WMP Update is approved.

Catastrophic wildfires remain a serious threat to the health and safety of Californians. Electrical corporations, including LS Power, must continue to make progress toward reducing utility-related ignition risk.

Energy Safety expects LS Power to effectively implement its wildfire mitigation activities to reduce the risk of utility-related ignitions and the potential catastrophic consequences if an ignition occurs, as well as to reduce the scale, scope, and frequency of PSPS events.

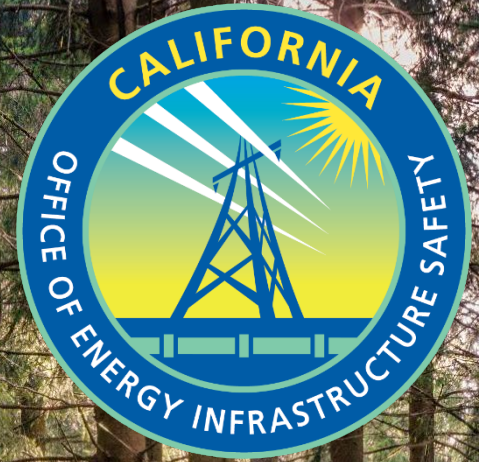
LS Power must meet the commitments in its WMP to ensure it meaningfully reduces utility-related ignition and PSPS risk within its service territory over the plan cycle.

DATA DRIVEN FORWARD-THINKING INNOVATIVE SAFETY FOCUSED

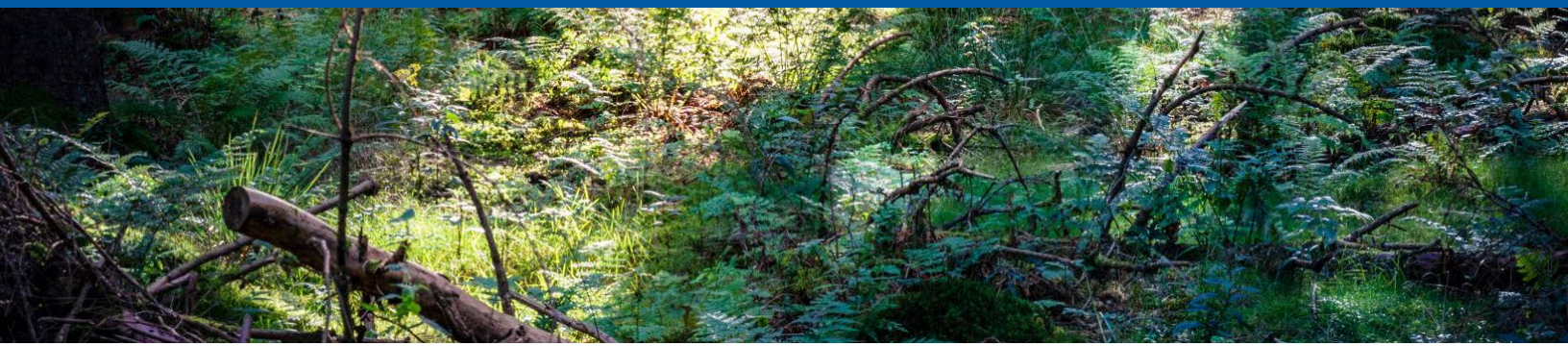


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APPENDICES



APPENDICES

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Appendix A.

Glossary of Terms

Term	Definition
AFN	Access and functional needs
BVES	Bear Valley Electric Service
CAISO	California Independent System Operator
Cal Advocates	The Public Advocates Office at the California Public Utilities Commission
CAL FIRE	California Department of Forestry and Fire Protection
Cal OES	California Governor's Office of Emergency Services
CAP	Corrective action program
CBO	Community-based organization
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
CEJA	California Environmental Justice Alliance
CNRA	California Natural Resources Agency
CPUC	California Public Utilities Commission
D.	Prefix to a proceeding number designating a CPUC decision
DR	Data request
DWR	California Department of Water Resources
EBMUD	East Bay Municipal Utility District
EFD	Early fault detection

Term	Definition
EPUC	Energy Producers and Users Coalition
EVM	Enhanced vegetation management
FERC	Federal Energy Regulatory Commission
FPI	Fire potential index
FWI	Fire weather index
GFN	Ground-fault neutralizers
GIS	Geographic information systems
GO	General order
GPI	Green Power Institute
GRC	General rate case
HD	High definition
HFRA	High Fire Risk Area
HFTD	High fire threat district
HWT or Horizon West	Horizon West Transmission
I.	Prefix to a proceeding number designating a CPUC Order Instituting Investigation (OII)
ICS	Incident command system or structure
IOU	Investor-owned utility
IR	Infrared
ISA	International Society of Arboriculture
ITO	Independent transmission owner
kV	Kilovolt

Term	Definition
Liberty	Liberty Utilities
LiDAR	Light detection and ranging
Maturity Model	Electrical Corporation Wildfire Mitigation Maturity Model
Maturity Survey	Electrical Corporation Wildfire Mitigation Maturity Survey
MAVF	Multi-attribute value function
MBL	Medical Baseline
MGRA	Mussey Grade Road Alliance
ML	Machine learning
NDVI	Normalized difference vegetation index
NERC	North American Electric Reliability Corporation
NFDRS	National Fire Danger Rating System
NOD	Notice of defect
NOV	Notice of violation
OCM	Overhead circuit miles
OEIS or Energy Safety	Office of Energy Infrastructure Safety
PG&E	Pacific Gas and Electric Company
PoF	Probability of failure
PoI	Probability of ignition
PRC	Public Resources Code
PSPS	Public Safety Power Shutoff

Term	Definition
Pub. Util. Code or PU Code	Public Utilities Code
QA	Quality assurance
QC	Quality control
QDR	Quarterly Data Report
R.	Prefix to a proceeding number designating a CPUC rulemaking
RAMP	Risk Assessment and Mitigation Phase
RCRC	Rural County Representatives of California
REFCL	Rapid earth fault current limiter
RFW	Red Flag Warning
RSE	Risk-spend efficiency
SAWTI	Santa Ana Wildfire Threat Index
SCADA	Supervisory control and data acquisition
SCE	Southern California Edison Company
SDG&E	San Diego Gas & Electric Company
S-MAP	Safety Model Assessment Proceeding, now the Risk-Based Decision-Making Framework Proceeding
SMJU	Small and multijurisdictional utilities
TAT	Tree Assessment Tool
TBC	Trans Bay Cable
TURN	The Utility Reform Network
USFS	United States Forest Service
VM	Vegetation management

Term	Definition
VRI	Vegetation risk index
WMP	Wildfire Mitigation Plan
WRRM	Wildfire Risk Reduction Model
WSAB	Wildfire Safety Advisory Board
WUI	Wildland-urban interface

Appendix B.

Status of 2023 Areas for Continued Improvement

Energy Safety’s 2023 Decision¹ for LS Power identified areas for continued improvement and associated required progress. Areas for continued improvement are where LS Power must continue to improve its wildfire mitigation capabilities. As part of the 2025 WMP Update evaluation process, Energy Safety reviewed the progress reported by LS Power on areas for continued improvement that Energy Safety required progress on by the 2025 WMP Update. Energy Safety is satisfied that LS Power has made sufficient progress in all the identified areas for continued improvement.

LS Power’s 2023 areas for continued improvement that Energy Safety required progress on by the 2025 WMP Update are listed in Table A-1. The status column indicates whether each has been fully addressed. If not, the column notes where to find more information in this Decision.

¹ [Energy Safety Decision on LS Power 2023-2025 Base WMP \(January 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true), Section 11 “Required Areas for Continued Improvement,” pp. 54-55 (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56225&shareable=true, accessed October 31, 2024).

Table A-1. LS Power 2023 Areas for Continued Improvement

ID	Title	Status
LS Power-23B-01 (LS Power-23-01)	Emergency Preparedness Tables	LS Power sufficiently addressed the required progress.

Appendix C. Stakeholder Data Request Responses Used in WMP Evaluation

No stakeholder data request responses were cited in this Decision.

Appendix D.

Stakeholder Comments on the 2025 WMP Updates

Energy Safety invited stakeholders, including members of the public, to provide comments on the electrical corporations' 2025 WMP Updates. Opening comments on Group 2 WMPs were due on August 12, 2024, and reply comments were due on August 22, 2024. Comments received on the 2025 WMP Updates can be viewed in the 2023-2025 Wildfire Mitigation Plan (2023-2025-WMPs) docket log.

Energy Safety did not receive any stakeholder comments on LS Power's 2025 WMP Update.

Energy Safety invited stakeholders, including members of the public, to provide comments on LS Power's resubmitted 2025 WMP Update (Revision 1)² as a result of Energy Safety's Rejection and Order to Resubmit.³ Opening comments were due on September 27, 2024, and reply comments were due October 2, 2024.

No comments were received on LS Power's resubmitted 2025 WMP Update.

² [LS Power 2025 WMP Update Revision 1 \(redlined\)](#); [LS Power 2025 WMP Update Revision 1 \(clean\)](#); [LS Power 2023-2025 Base WMP Revision 3 \(redlined\)](#); and [LS Power 2023-2025 Base WMP Revision 3 \(clean\)](#) (<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57368&shareable=true>, accessed Oct. 31, 2024); (<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57369&shareable=true>, accessed Oct. 31, 2024); (<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57370&shareable=true>, accessed Oct. 31, 2024); (<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57371&shareable=true>, accessed Oct. 31, 2024).

³ [Rejection and Order to Resubmit for LS Power Grid California, LLC, 2025 Wildfire Mitigation Plan Update](#) (<https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=57331&shareable=true>, accessed October 31, 2024).

Appendix E.

Stakeholder Comments on the Draft Decision

Energy Safety invited stakeholders, including members of the public, to provide comments on Energy Safety's draft Decision for LS Power's 2025 WMP Update, published on December 13, 2024. Opening comments on the draft Decision were due on January 6, 2025, and reply comments were due on January 16, 2025.

Energy Safety did not receive any comments on the draft Decision for LS Power's 2025 WMP Update.

Appendix F.

Maturity Survey Results

Energy Safety's 2023-2025 Electrical Corporation Wildfire Mitigation Maturity Model⁴ (Maturity Model) and Electrical Corporation Wildfire Mitigation Maturity Survey⁵ (Maturity Survey) together provided a quantitative method to assess the maturity of each electrical corporation's wildfire risk mitigation program.

The Maturity Model consists of 37 individual capabilities describing the ability of electrical corporations to mitigate wildfire risk within their service territory. The 37 capabilities are aggregated into seven categories. The seven mitigation categories are:

- A. Risk Assessment and Mitigation Selection
- B. Situational Awareness and Forecasting
- C. Grid Design, Inspections, and Maintenance
- D. Vegetation Management and Inspections
- E. Grid Operations and Protocols
- F. Emergency Preparedness
- G. Community Outreach and Engagement

Maturity levels range from 0 (below minimum requirements) to 4 (beyond best practice). Electrical corporations' responses to the Maturity Survey, listed by mitigation category, are depicted in the figures and tables below.

Figure A-1 displays LS Power's 2024 response to the Maturity Survey across mitigation categories showing minimum and average values. Figure A-2 compares LS Power's 2024 response to the Maturity Survey to its 2023 response to the Maturity Survey, depicting values that increased, decreased, or had no change (indicated by "NC").

⁴ [Energy Safety's 2023-2025 Electrical Corporation Wildfire Mitigation Maturity Model \(revised and adopted Jan. 2024, published Feb. 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56256&shareable=true) (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56256&shareable=true, accessed May 6, 2024).

⁵ [Energy Safety's 2023-2025 Electrical Corporation Wildfire Mitigation Maturity Survey \(adopted Jan. 2024, revised and published Feb. 2024\)](https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56306&shareable=true) (https://efiling.energysafety.ca.gov/eFiling/Getfile.aspx?fileid=56306&shareable=true, accessed May 6, 2024).

Figure A-1. LS Power 2024 Response to the 2023-2025 Maturity Survey

		1. Capability				2. Capability				3. Capability				4. Capability				5. Capability				6. Capability			
		2023	2024	2025	2026	2023	2024	2025	2026	2023	2024	2025	2026	2023	2024	2025	2026	2023	2024	2025	2026	2023	2024	2025	2026
A. Risk Assessment and Mitigation Strategy		1. Statistical weather, climate, and wildfire modeling				2. Calculation of wildfire and PSPS risk exposure for societal values				3. Calculation of community vulnerability to wildfire and Public Safety Power Shutoffs (PSPS)				4. Calculation of risk and risk components				5. Risk event tracking and integration of lessons learned				6. Risk-informed wildfire mitigation strategy			
	Minimum of Sub-Cap.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Average of Sub-Cap.	0.2	1.0	1.0	1.0	0.6	1.1	1.1	1.1	0.5	0.5	0.5	0.5	0.0	0.7	0.7	0.7	1.0	1.0	2.0	2.3	0.6	0.6	0.6	0.6
B. Situational Awareness and Forecasting		7. Ignition likelihood estimation				8. Weather forecasting ability				9. Wildfire spread forecasting				10. Data collection for near-real-time conditions				11. Wildfire detection and alarm systems				12. Centralized monitoring of real-time conditions			
	Minimum of Sub-Cap.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
	Average of Sub-Cap.	0.4	0.4	0.4	0.4	0.1	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.0	0.0	2.2	2.2	0.0	0.4	2.0	2.0
C. Grid Design, Inspections, and Maintenance		13. Asset inventory and condition database				14. Asset inspections				15. Asset maintenance and repair				16. Grid design and resiliency				17. Asset and grid personnel training and quality							
	Minimum of Sub-Cap.	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0				
	Average of Sub-Cap.	1.0	1.0	2.5	2.5	0.0	0.0	1.0	1.0	0.0	0.0	1.0	1.0	0.2	0.2	0.2	0.2	0.3	1.0	2.0	2.0				
D. Vegetation Management and Inspections		18. Vegetation inventory and condition database				19. Vegetation inspections				20. Vegetation treatment				21. Vegetation personnel training and quality											
	Minimum of Sub-Cap.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
	Average of Sub-Cap.	2.0	2.0	2.0	2.0	0.0	0.0	1.3	1.3	0.3	0.3	1.0	1.0	0.0	0.0	0.8	0.8								
E. Grid Operations and Protocols		22. Protective equipment and device settings				23. Incorporation of ignition risk factors in grid control				24. PSPS operating model				25. Protocols for PSPS re-energization				26. Ignition prevention and suppression							
	Minimum of Sub-Cap.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0				
	Average of Sub-Cap.	1.2	1.2	1.3	1.3	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.7	1.5	1.5	2.2	2.2	0.0	1.3	2.0	2.0				
F. Emergency Preparedness		27. Wildfire and PSPS emergency and disaster preparedness plan				28. Collaboration and coordination with public safety partners				29. Public emergency communication strategy				30. Preparedness and planning for service restoration				31. Customer support in wildfire and PSPS emergencies				32. Learning after wildfires and PSPS incidents			
	Minimum of Sub-Cap.	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Average of Sub-Cap.	0.0	0.8	1.0	1.5	0.0	0.0	0.5	0.5	0.7	0.7	0.7	0.7	0.8	0.8	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G. Community Outreach and Engagement		33. Public outreach and education awareness				34. Public engagement in electrical corporation wildfire mitigation planning				35. Engagement with AFN and socially vulnerable populations				36. Collaboration on local wildfire mitigation planning				37. Cooperation and best practice sharing with other electrical corporations							
	Minimum of Sub-Cap.	0.0	0.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	1.0				
	Average of Sub-Cap.	0.0	0.0	2.5	2.5	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	1.3				

Figure A-2. LS Power Maturity Survey Changes from 2023 to 2024

		1. Capability				2. Capability				3. Capability				4. Capability				5. Capability				6. Capability			
		2023	2024	2025	2026	2023	2024	2025	2026	2023	2024	2025	2026	2023	2024	2025	2026	2023	2024	2025	2026	2023	2024	2025	2026
A. Risk Assessment and Mitigation Strategy		1. Statistical weather, climate, and wildfire modeling				2. Calculation of wildfire and PSPS risk exposure for societal values				3. Calculation of community vulnerability to wildfire and Public Safety Power Shutoffs (PSPS)				4. Calculation of risk and risk components				5. Risk event tracking and integration of lessons learned				6. Risk-informed wildfire mitigation strategy			
	Minimum of Sub-Cap.	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	Average of Sub-Cap.	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
B. Situational Awareness and Forecasting		7. Ignition likelihood estimation				8. Weather forecasting ability				9. Wildfire spread forecasting				10. Data collection for near-real-time conditions				11. Wildfire detection and alarm systems				12. Centralized monitoring of real-time conditions			
	Minimum of Sub-Cap.	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	Average of Sub-Cap.	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
C. Grid Design, Inspections, and Maintenance		13. Asset inventory and condition database				14. Asset inspections				15. Asset maintenance and repair				16. Grid design and resiliency				17. Asset and grid personnel training and quality							
	Minimum of Sub-Cap.	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC				
	Average of Sub-Cap.	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC				
D. Vegetation Management and Inspections		18. Vegetation inventory and condition database				19. Vegetation inspections				20. Vegetation treatment				21. Vegetation personnel training and quality											
	Minimum of Sub-Cap.	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC								
	Average of Sub-Cap.	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC								
E. Grid Operations and Protocols		22. Protective equipment and device settings				23. Incorporation of ignition risk factors in grid control				24. PSPS operating model				25. Protocols for PSPS re-energization				26. Ignition prevention and suppression							
	Minimum of Sub-Cap.	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC				
	Average of Sub-Cap.	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC				
F. Emergency Preparedness		27. Wildfire and PSPS emergency and disaster preparedness plan				28. Collaboration and coordination with public safety partners				29. Public emergency communication strategy				30. Preparedness and planning for service restoration				31. Customer support in wildfire and PSPS emergencies				32. Learning after wildfires and PSPS incidents			
	Minimum of Sub-Cap.	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	Average of Sub-Cap.	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
G. Community Outreach and Engagement		33. Public outreach and education awareness				34. Public engagement in electrical corporation wildfire mitigation planning				35. Engagement with AFN and socially vulnerable populations				36. Collaboration on local wildfire mitigation planning				37. Cooperation and best practice sharing with other electrical corporations							
	Minimum of Sub-Cap.	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC				
	Average of Sub-Cap.	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC				