



Bear Valley Electric Service, Inc.  
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A Subsidiary of American States Water Company

May 1, 2024

Via E-Mail

Caroline Thomas Jacobs  
Director, Office of Energy Infrastructure Safety  
715 P Street, 20th Floor  
Sacramento, CA 95814  
Docket #2024-SCs

Bear Valley Electric Service, Inc. ("BVES or Bear Valley") hereby transmits for filing the following:

**SUBJECT:** *Q1 2024 BVES Quarterly Notification to the Office of Energy Infrastructure Safety Regarding BVES's Implementation of its Wildfire Mitigation Plan Pursuant to Public Utilities Code Section 8389(e)(7)*

Pursuant to Public Utilities Code ("PUC") Section 8389(e)(7), and the June 2023 Office of Energy Infrastructure Safety's (Energy Safety) Safety Certification Guidelines, Bear Valley submits to Energy Safety this notification detailing the implementation of its approved Wildfire Mitigation Plan ("WMP"), implementation of the recommendations of Bear Valley's most recent safety culture assessment, , and a statement of activities and recommendations of the Safety and Operations Committee of the BVES Board of Directors meeting that occurred during the quarter, and the summary of the implementation of prior Safety Committee recommendations.

Bear Valley is simultaneously submitting this quarterly notification to the California Public Utilities Commission as an information-only submittal via email to Executive Director Rachel Peterson at [Rachel.peterson@cpuc.ca.gov](mailto:Rachel.peterson@cpuc.ca.gov), Safety Policy Division to [SafetyPolicyDivision@cpuc.ca.gov](mailto:SafetyPolicyDivision@cpuc.ca.gov), Program and Project Supervisor, Eric Wu via email to [Eric.Wu@cpuc.ca.gov](mailto:Eric.Wu@cpuc.ca.gov), and [edtariffunit@cpuc.ca.gov](mailto:edtariffunit@cpuc.ca.gov). Additionally, this filing will be posted to the BVES website at <https://www.bvesinc.com/safety/wildfire-mitigation-plan>.

#### **PURPOSE**

The purpose of this notification is to comply with the requirements of Section 8389(e)(7), which were added to the Public Utilities Code by Assembly Bill (AB) 1054 on July 12, 2019, and subsequently amended by AB 148 on July 22, 2021. Section 8389(e)(7) requires

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electrical corporations to file a notice of implementation of its wildfire mitigation plan with Energy Safety “on a quarterly basis that details the implementation of both its approved wildfire mitigation plan and recommendations of the most recent safety culture assessment, and a statement of recommendations of the board of directors safety committee meetings that occurred during the quarter.” Section 8389(e)(7) also requires that the notification “summarize the implementation of safety committee recommendations from the electrical corporation’s previous notification and submission.”

This Quarterly Notification Letter (“QNL”) reports BVES’s 2024 first quarter (“Q1”) WMP activities, progress on implementing the recommendations of the most recent safety culture assessment, and Safety Committee recommendations and meetings.

### **IMPLEMENTATION OF BVES’S WILDFIRE MITIGATION PLAN**

To support sustained implementation and improvement of the WMP, BVES continues to track progress through metrics on applicable initiatives in 6 categories for mitigating wildfires in addition to the quarterly data, which conform to OEIS standards. BVES’s quarterly initiative summary presentation includes information submitted to the OEIS under the Quarterly Data Report (“QDR”) filings for Q1 2024 prepared in accordance with Energy Safety Data Guidelines (Version 3.2) of January 30, 2024.

In Attachment A, BVES provides an initiative summary of progress for individual mitigation measures during Q1 2024.

### **Overview of Significant Achievements and Issues**

BVES made significant progress in achieving its WMP initiative targets for 2024.

As of the end of Q1 2024, some of the more significant achievements were:

- Exceeded the annual target to harden 500 poles along the main evacuation routes to the Big Bear Lake area by installing fire-resistant wire mesh on 600 poles in Q1 2024.
- Replaced 1.34 circuit miles of bare wire with covered conductor in Q1, BVES exceeded its quarterly target of 0 circuit miles for Q1 2024.
- Conducted 39 substation inspections in Q1 2024, exceeding the Q1 target by 3 inspections.
- Conducted 10 circuit miles of Detailed Inspection in Q1, exceeding its quarterly target of 9 circuit miles for Q1.
- Conducted 58 circuit miles of Patrol Inspection in Q1, exceeding its quarterly target of 52 circuit miles for Q1.
- Conducted 56 pole replacements as part of its Distribution pole replacement and remediation program exceeding its Q1-Q2 target of 50 poles.
- Removed 51 tree attachments in Q1 2024, exceeding its Q1-Q3 target of 50 tree attachments.
- Cleared vegetation encroachment around 18.2 circuit miles in Q1, BVES met and slightly exceeded its quarterly target of 18 circuit miles for Q1 2024.

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- Removed or remediated 23 trees with fall-in risk in Q1, exceeding the target of removing 22 trees for Q1.
- Community engagement actions on PSPS and WMP were at 244 engagements of various types by the end of Q1, which exceeded the quarterly target of 90 engagements.

Bear Valley adjusted its timeline for conducting the Radford Line Replacement Project (“Radford Project”) from 2023 to 2024 due to delays in receiving clearance on its permit request from the United States Forest Service (“USFS”). The Radford Project replaces 2.7 circuit miles of bare wire sub-transmission and 79 wood poles with high-performance covered conductor and fire resistant (ductile iron) poles located in High Fire Threat District Tier 3 (“extreme fire risk”). The USFS issued its “Letter to Proceed” on January 3, 2024, which authorizes BVES to complete the Radford Project. BVES plans on commencing construction on the project in late May 2024 after the snowpack clears and aims to complete the project by the end of 2024. As of Q1 2024 BVES is on track to meet its target of completing the project by year-end 2024.

### **IMPLEMENTATION OF BVES’S MOST RECENT SAFETY CULTURE ASSESSMENT**

On March 22, 2024, Energy Safety issued the 2023 Safety Culture Assessment (SCA) report for BVES. On March 25, 2024, Bear Valley issued a letter to Energy Safety formally accepting the SCA report’s recommendations.

The 2023 SCA report has three recommendations as follows:

#### **Refine Contractor Strategic Improvement Plan:**

- Energy Safety finds that BVES should continue to act on the 2022 SCA recommendation on reviewing and refining its current strategic improvement plan to address gaps in overall safety culture for contractors in collaboration with its contractors. BVES should continue its progress towards this goal and should propose ways to improve contractor relationships with BVES supervisors and contractor empowerment to address problems in a timely fashion. BVES should continue making improvements to its efforts to onboard, train, and otherwise engage contractors in its strategic plan. BVES should consider the role of BVES supervisors in listening to, supporting, and empowering contractors. The BVES improvement plan should include measures like listening sessions to better understand and respond to contractor perceptions, increased presence of leadership at job sites to witness challenges encountered by contractors, and increased training to improve the ability of frontline supervisors to communicate effectively with contractors and ultimately improve the safety culture among contractors.
- Energy Safety notes that the goals of this recommendation are to continue progress on improving supervisory support and guidance for BVES contractors and increase contractor empowerment to respond to problems in a timely fashion.

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- In response to this recommendation, BVES is developing a strategy to further improve contractor safety culture. BVES intends on building upon the measures it has already put in place to improve contractor safety culture and will add in the following actions:
  - Conduct listening sessions to better understand and respond to contractor perceptions;
  - Increase presence of leadership at job sites to witness challenges encountered by contractors; and
  - Increase training to improve the ability of frontline supervisors to communicate effectively with contractors and ultimately improve the safety culture among contractors.
  - Conduct training to make sure contractors understand how their work is an integral part of the BVES Wildfire Mitigation Plan and impacts public safety.

### **Address Safety Culture Opportunities for the Design and Construction Business**

#### **Unit:**

- Energy Safety states BVES should develop and implement a strategic improvement plan to address the workforce survey result indicating that Engineering and Planning employees have a less positive experience of safety culture in the wildfire mitigation work context than other employees. The survey also indicated that this unit may need support in focusing and avoiding distractions. In 2022 a similar recommendation addressed the Design and Construction business unit's relatively low scores on the workforce survey, indicating a less positive experience of safety culture than other employees: BVES should also continue looking at how safety culture perceptions might differ in that business unit and how that unit might require additional support.
- Energy Safety notes that the goals of this recommendation are to improve the safety culture in the Engineering & Planning business unit, bringing it into alignment with the safety culture in other BVES business units.
- In response to this recommendation, BVES is developing a strategy the workforce survey result indicating that Engineering & Planning employees have a less positive experience of safety culture in the wildfire mitigation work context than other employees. The strategy builds upon actions taken to improve the Design and Construction business unit's relatively low scores on the 2022 SCA workforce survey and includes the following actions:
  - Conduct listening sessions to better understand and respond to Engineering & Planning perceptions;
  - Conduct one-on-one meetings between the BVES President and Engineering & Planning employees to further gauge their safety culture views and refine plan to improve their safety culture. These sessions are designed to be open two- way conversations and to solicit employee inputs and perceptions on safety culture at BVES.
  - Increase training to reinforce the elements that promote improved safety culture and safety related communications. For example, BVES President

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will continue to make it clear to all employees including the Engineering & Planning group that:

- No job should start until everyone on the team understands the task at hand and safety precautions and is satisfied that the safety precautions being taken are appropriate and more than sufficient;
- No job should be performed in a manner below the Company's high standards that might in anyway compromise worker or public safety;
- Any employee is fully empowered to stop work and has the duty to do so, if they believe public or worker safety is at risk or being compromised; and
- While the Company has set challenging WMP initiative targets, the drive to achieve these targets should never serve as a cause to compromise the Company's high standards and put worker or public safety at risk.
- Conduct training to make sure Engineering & Planning employees understand how their work is an integral part of the BVES Wildfire Mitigation Plan and impacts public safety.

### **Strengthen Safety-Enabling Systems:**

- Energy Safety indicates BVES should continue to act on the 2022 SCA recommendation to strengthen its safety-enabling systems by improving protocols for responding to safety events (near misses and hazards), including their reporting and management. In connection with this, BVES should further develop its "Empowered Employees" 3-year objective, described in its 2023 safety culture objectives, to improve employee understanding of the importance of reporting unsafe conditions and monitoring the number and quality of near miss and hazard reporting. In addition, BVES should conduct at least one training session on near-miss reporting protocols. BVES should identify and address any barriers to reporting within its safety-enabling systems (procedures, software, communication, etc.).
- Energy Safety notes that the goals of this recommendation are to improve employee understanding of the importance of and process for submitting safety event (near-miss and hazard) reports and to promote continuous learning.
- In response to this recommendation, BVES is developing a plan of action to:
  - Develop and implement improved protocols for responding to safety events (near misses and hazards), including their reporting and management;
  - Further develop BVES's "Empowered Employees" 3-year objective, described in BVES's 2023 safety culture objectives, to improve employee understanding of the importance of reporting unsafe conditions and monitoring the number and quality of near miss and hazard reporting; and

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- Conduct at least one training session on near-miss reporting protocols. BVES should identify and address any barriers to reporting within its safety-enabling systems (procedures, software, communication, etc.).

## **SAFETY AND OPERATIONS COMMITTEE RECOMMENDATIONS AND MEETINGS**

### **Recommendations from the Most Recent Quarter**

During Q1 2024, the Safety and Operations Committee (“Committee”) met once on February 22, 2024. The Committee recommended approval of an increase to the 2024 Capital Investment budget to support a WMP grid hardening project scheduled for 2024. This recommendation was approved by the Board of Directors so that BVES management could continue to execute its grid hardening projects to further reduce the risk of wildfire and PSPS events order long-lead equipment and material to support the initiatives and BVES.

### **Progress on Previous Recommendations**

At the Committee meeting on November 16, 2023, the Committee recommended approval of an increase to the 2024 and 2025 Capital Investment budget to support WMP grid hardening projects scheduled for 2024 and 2025. This recommendation was approved by the Board of Directors and Bear Valley used the budget increase to execute its grid hardening projects to further reduce the risk of wildfire and PSPS events. This recommendation has been fully implemented by BVES management.

### **Summary of Meetings**

During Q1 2024, the Committee met once. On February 22, 2024, BVES convened the Committee and Chairman Paul Marconi briefed the Committee on WMP compliance and safety certification, safety metrics and performance, Safety Culture Assessment, and the status of 2023-2025 WMP initiatives and targets achieved in the fourth quarter of 2023, and provided explanations for the targets that were off track and management’s plan to get back on track. Mr. Marconi then briefed the Committee on changes to the current WMP that would be included in the 2025 WMP Update and the reasons behind the changes. Finally, Mr. Marconi briefed the Committee on the completed actions taken to comply with the 2022 Safety Culture Assessment recommendations. The Committee discussed the briefed items, asked questions, which Mr. Marconi addressed, and, based on the information briefed, the Committee did not see the need to alter the initiatives or provide additional direction to management.

Mr. Marconi discussed with the Committee an additional 2024 capital budget authorization request for a WMP project. He then referred the Committee to a draft resolution recommending that the Board approve the capital expenditures for the WMP capital improvement project. The Committee discussed the resolution, and upon motion duly made, seconded, and unanimously carried, the Committee approved the resolution.

## Q1 2024 Notification Letter

Sincerely,

/s/ Jeff Linam

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Golden State Water Company  
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### Attachment A

Initiative Summary of Progress for Individual Mitigation Measures during Q1 2024



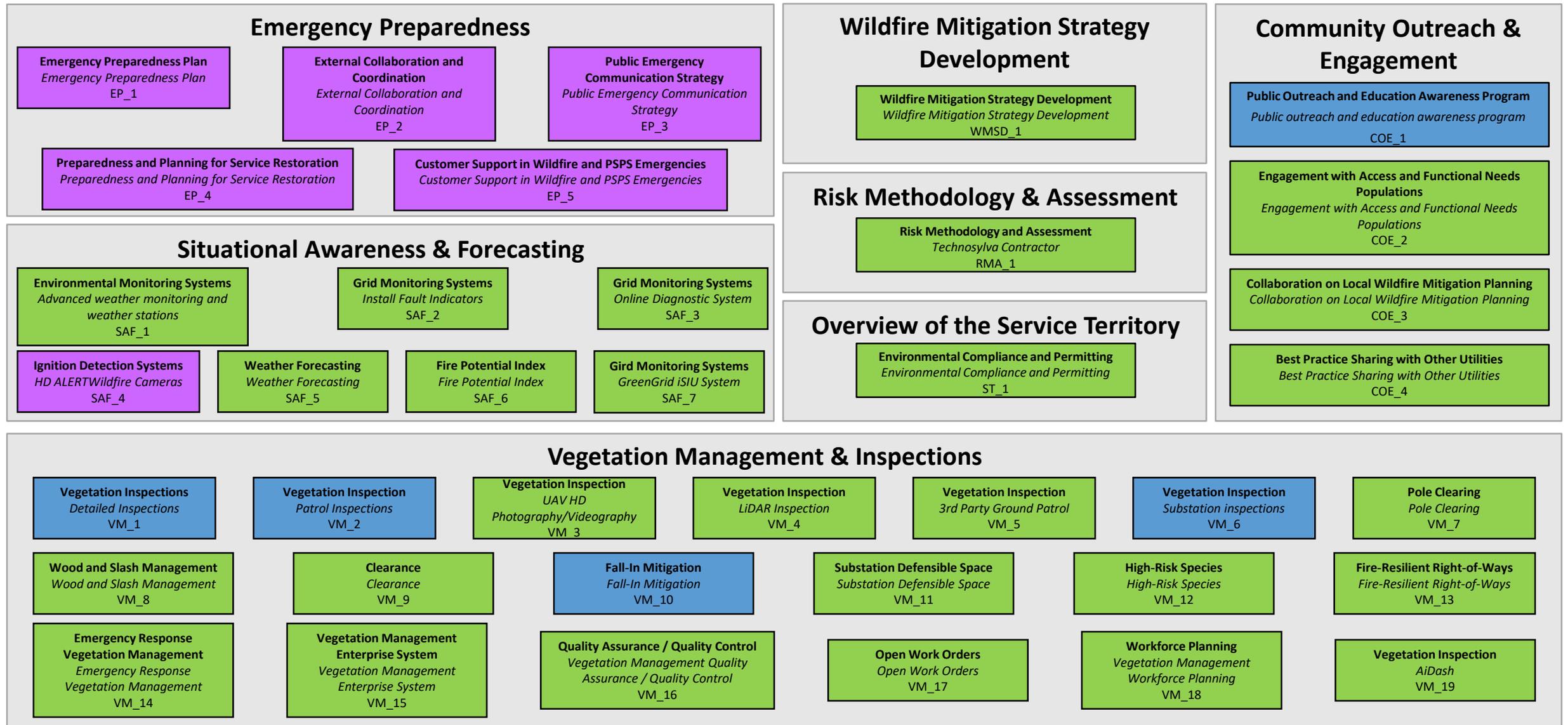
# **Wildfire Mitigation Plan Quarterly Notification Letter Initiatives Update**

**Bear Valley Electric Service, Inc.**

**Q1 2024**

# WMP Activity Summary

■ Not Started 
 ■ Completed/Ongoing 
 ■ Ahead of Plan 
 ■ On Track 
 ■ Off Track 
 ■ Not Currently Scheduled\*

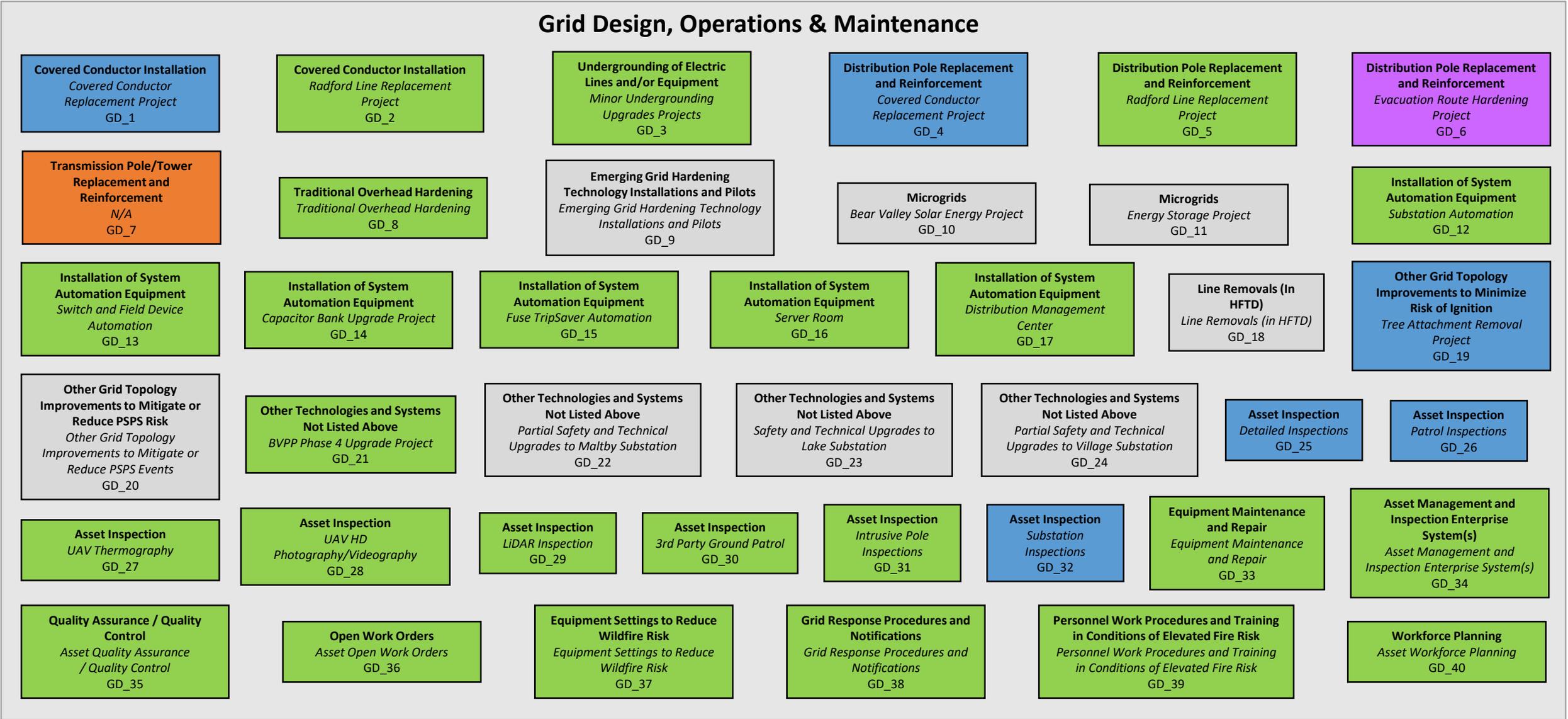


(\* Not Currently Scheduled – BVES included this Status Icon to indicate where an initiative is not currently identified for this WMP cycle, or, that it is not applicable (BVES does not own or operate assets equal to or greater than 65kV).

# WMP Activity Summary

Not Started 
  Completed/Ongoing 
  Ahead of Plan 
  On Track 
  Off Track 
  Not Currently Scheduled\*

## Grid Design, Operations & Maintenance



(\* Not Currently Scheduled – BVES included this Status Icon to indicate where an initiative is not currently identified for this WMP cycle, or, that it is not applicable (BVES does not own or operate assets equal to or greater than 65kV).

# WMP Activities Status vs. WMP Activity Goals

## Emergency Preparedness

<p>Emergency Preparedness Plan EP_1</p> <p><b>Established / Ongoing</b></p>	<p>External Collaboration and Coordination EP_2</p> <p><b>Established / Ongoing</b></p>	<p>Public Emergency Communication Strategy EP_3</p> <p><b>Established / Ongoing</b></p>	<p>Preparedness and Planning for Service Restoration EP_4</p> <p><b>Established / Ongoing</b></p>	<p>Customer Support in Wildfire and PSPS Emergencies EP_5</p> <p><b>Established / Ongoing</b></p>	<p><b>Emergency Preparedness and Response Program and PSPS Plan:</b> <b>Volume vs 2024 Goal:</b> BVES did not record an emergency in Q1 of 2024. This means that the use of the Emergency Preparedness &amp; Response Program was not required. BVES continues to review the effectiveness of its PSPS Plans and its Emergency Response through internal review and desktop exercises.</p>
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## Community Outreach & Engagement

<p>Public Outreach and Education Awareness Program COE_1</p> <p><b>Exceeded Target</b></p>	<p><b>Public Outreach and Education Awareness Program:</b> <b>Volume vs Q1 2024 Goal:</b> BVES had planned to conduct at a minimum of 90 outreach activities by the close of Q1. BVES recorded 244 outreach activities, 271% of target for Q1. <b>Key Actions:</b> Grizzly Newspaper advertisements are posted during the week (M-F) for either WMP or PSPS and BVES will have 1 advertisement broadcasted each month.</p>	<p>Collaboration on Local Wildfire Mitigation Planning COE_3</p> <p><b>On Track</b></p>	<p><b>Collaboration on Local Wildfire Mitigation Planning:</b> <b>Volume vs 2024 Goal:</b> BVES plans to engage with Local Support (Fire Department &amp; Forest Service) on a regular basis to discuss project statuses as well as general needs and gaps for the upcoming fire season <b>Key Actions:</b> BVES established plans to engage in coordination efforts based on PSPS activations, which will include suppression agencies.</p>
<p>Engagement with Access and Functional Needs Populations COE_2</p> <p><b>On Track</b></p>	<p><b>Engagement with Access and Function Needs (AFN) Populations:</b> <b>Volume vs 2024 Goal:</b> BVES has an established program in place to identify AFN customers and provide assistance during PSPS. <b>Key Actions:</b> BVES continues to evaluate the functionality of its AFN program as it relates to PSPS and wildfire events. BVES verified the AFN list, and associated needs twice per month for 6 additional verifications in Q1.</p>	<p>Best Practice Sharing with Other Utilities COE_4</p> <p><b>On Track</b></p>	<p><b>Best Practice Sharing with Other Utilities:</b> <b>Volume vs 2024 Goal:</b> BVES plans to evaluate the available working groups and conferences and make determinations on which groups/conferences add the most value to their wildfire program. <b>Key Actions:</b> BVES has begun to review available working groups and conferences. BVES was able to attend 23 working groups in Q1.</p>

# WMP Activities Status vs. WMP Activity Goals

## Situational Awareness & Forecasting

Environmental Monitoring Systems  
SAF\_1  
**Advanced Weather Monitoring and Weather Stations**  
**On Track**

**Advanced Weather Monitoring and Weather Stations:**  
**Volume vs 2024 Goal:** BVES completed the installation of all planned Weather Stations in 2022. This program has transitioned to maintaining normal operation of said equipment. As of late 2023 BVES has established a maintenance program for the weather stations.  
**Key Actions:** BVES determined all the maintenance needs of the weather equipment were met in Q1.

Grid Monitoring Systems  
SAF\_2  
**Fault Indicator Instillation**  
**On Track**

**Fault Indicator Instillation:**  
**Volume vs Q1 2024 Goal:** BVES planned to complete a total of 0 fault indicator installations by the end of Q1. BVES plans to complete 0 installations in Q1, 15 installs in Q2, 15 installs in Q3, and no additional installs in Q4.  
**Key Actions:** BVES did not plan to install fault indicators in Q1 2024. BVES is on track to meet its 2024 target.

Grid Monitoring Systems  
SAF\_3  
**Online Diagnostic System**  
**On Track**

**Online Diagnostic System:**  
**Volume vs 2024 Goal:** BVES plans to install online diagnostic capabilities on 1 circuit in 2024, and that will occur in Q3.  
**Key Actions:** BVES will install online diagnostic capability on 1 circuit in Q3 2024.

Ignition Detection Systems  
SAF\_4  
**HD ALERTWildfire Cameras**  
**Complete**

**HD ALERTWildfire Cameras:**  
**Volume vs 2024 Goal:** BVES completed the installation of all planned HD ALERTWildfire Cameras in 2022. BVES provides O&M support as requested by USCD (HD ALERTWildfire Camera owner).  
**Key Actions:** All cameras are in operation providing complete and overlapping coverage of the BVES service territory.

Weather Forecasting  
SAF\_5  
**On Track**

**Weather Forecasting:**  
**Volume vs 2024 Goal:** BVES employs a weather consultant and uses Technosylva's WFA-E application as its modeling software for wildfire spread potential based off current weather conditions.  
**Key Actions:** This is an ongoing effort that continued throughout Q4.

Fire Potential Index  
SAF\_6  
**On Track**

**Fire Potential Index:**  
**Volume vs 2024 Goal:** As of late 2023 BVES has transitioned to using the FPI developed by Technosylva as part of its daily operations.  
**Key Actions:** Daily BVES operations monitors the FPI data to make critical operations decisions as it relates to wildfire risk

Grid Monitoring Systems  
SAF\_7  
**GreenGrid iSIU System**  
**On Track**

**GreenGrid iSIU System:**  
**Volume vs 2024 Goal:** BVES has installed GreenGrid iSIU System nodes on two circuits in BVES service territory. In 2024 BVES will evaluate the need for additional circuits to receive GreenGrid iSIU nodes.  
**Key Actions:** BVES continued to evaluate the need for installation of additional nodes on circuits within BVES service territory.

# WMP Activities Status vs. WMP Activity Goals

## Risk Methodology & Assessment

Risk Methodology and Assessment  
RMA\_1  
**Technosylva Contractor Program**  
**On Going**

**Contracting with Risk Mapping Resource:**

**2024 Goal:** For 2024 BVES plans to continue its work with Technosylva to maintain its real time risk mapping capabilities with accurate electrical system inputs.

**Key Actions:** Regular meetings to discuss program status with Technosylva.

## Overview of the Service Territory

Environmental Compliance and  
Permitting  
ST\_1  
**On Going**

**Environmental Compliance and Permitting:**

**2024 Goal:** Environmental Compliance and Permitting is an as-needed program for BVES. When new projects are launched BVES relies on its environmental consultant to confirm all permitting requirements for the projects. The consultant also verifies that all current BVES facilities have their appropriate permits.

**Key Actions:** Ongoing review of permitting for BVES facilities.

## Wildfire Mitigation Strategy Development

Wildfire Mitigation Strategy  
Development  
WMSD\_1  
**On Going**

**Wildfire Mitigation Strategy Development:**

**2024 Goal:** For 2024 BVES plans to update and issue its 2023-2025 Base WMP for approval. Following approval, the WMP will be posted to its website for public viewing.

**Key Actions:** BVES submitted its 2025 WMP Update to EnergySafety for review and approval on April 2, 2024.

# WMP Activities Status vs. WMP Activity Goals

## Vegetation Management & Inspection

Vegetation Inspections  
VM\_1  
**Detailed Inspection  
Ahead of Plan**

**Detailed Inspection:**

**Volume vs Q1 2024 Goal:** BVES planned to complete a total of 9 circuit miles of inspection by the end of Q1. BVES was able to complete 10 circuit miles in Q1.

**Key Actions:** BVES exceeded its target of 9 circuit miles of detailed inspection for Q1 by completing 10 circuit miles.

Vegetation Inspection  
VM\_2  
**Patrol Inspection  
Ahead of Plan**

**Patrol Inspection:**

**Volume vs Q1 2024 Goal:** BVES planned to complete a total of 52 circuit miles of inspection in Q1. BVES completed 58 circuit miles in Q1.

**Key Actions:** BVES exceeded its target of 52 circuit miles of patrol inspection in Q1 by completing 58 circuit miles.

Vegetation Inspection  
VM\_3  
**UAV HD Photography /  
Videography  
On Track**

**UAV HD Photography / Videography:**

**Volume vs 2024 Goal:** BVES planned to conduct 205.0 circuit miles of inspection in Q3. BVES annual target is 205.0 circuit miles in 2024.

**Key Actions:** BVES is on track to meet its target of 205.0 miles of inspection in 2024.

Vegetation Inspection  
VM\_4  
**LiDAR Inspection  
On Track**

**LiDAR Inspection:**

**Volume vs 2024 Goal:** BVES planned to conduct 205.0 circuit miles of inspection in Q3. BVES annual target is 205.0 circuit miles in 2024.

**Key Actions:** BVES is on track to meet its target of 205.0 miles of inspection in 2024.

Vegetation Inspection  
VM\_5  
**3<sup>rd</sup> Party Ground Patrol  
On Track**

**3<sup>rd</sup> Party Ground Patrol:**

**Volume vs 2024 Goal:** BVES planned to conduct 205.0 circuit miles of inspection in Q3. BVES annual target is 205.0 circuit miles in 2024.

**Key Actions:** BVES is on track to meet its target of 205.0 miles of inspection in 2024.

Vegetation Inspection  
VM\_6  
**Substation Inspections  
On Track**

**Substation Inspections:**

**Volume vs Q1 2024 Goal:** BVES planned to complete 36 substation inspections in Q1. BVES completed 39 substation inspections in Q1.

**Key Actions:** BVES exceeded its target of 36 substation inspection in Q1 by completing 39 substation inspection putting it ahead of schedule for 2024.

Pole Clearing  
VM\_7  
**On Track**

**Pole Clearing:**

**Volume vs 2024 Goal:** BVES has an established pole clearing program. Throughout the year BVES reviews the procedure and updates it as needed.

**Key Actions:** BVES continues to evaluate where pole clearing is necessary and acts.

Wood and Slash  
Management  
VM\_8  
**On Track**

**Wood and Slash Management:**

**Volume vs 2024 Goal:** BVES contracts vegetation clearing to a 3<sup>rd</sup> party contractor. The contractor is responsible for meeting the waste removal requirements.

**Key Actions:** BVES verified that the contractor adhered to the waste removal requirements outlined in the contract.

Clearance  
VM\_9  
**On Track**

**Vegetation Clearance:**

**Volume vs Q1 2024 Goal:** BVES planned to complete 18 circuit miles of clearing by the end of Q1. BVES completed 18.2 circuit miles by the close of Q1.

**Key Actions:** BVES completed 18.2 circuit miles of clearing through Q1. BVES is on track to meet its target of 72 circuit miles of clearing in 2024.

Fall-In Mitigation  
VM\_10  
**Ahead of Plan**

**Fall-In Mitigation:**

**Volume vs Q1 2024 Goal:** BVES planned to complete 22 tree remediations or removals to prevent fall-in in Q1. BVES was able to complete 23 tree remediations or removals in Q1.

**Key Actions:** BVES completed 23 remediations or removals in Q1. BVES is ahead of plan to remediate or remove 22 trees per quarter.

# WMP Activities Status vs. WMP Activity Goals

## Vegetation Management & Inspection

Substation Defensible Space  
VM\_11  
**On Track**

**Substation Defensible Space:**  
**Volume vs Q1 2024 Goal:** BVES's contracted vegetation resource conducts regular clearing to verify compliance with the GO requirements. BVES's Substation Inspection program verifies compliance.  
**Key Actions:** BVES conducted 0 abatements in Q1. BVES plans to conduct 13 abatements in 2024.

High-Risk Species  
VM\_12  
**On Track**

**High-Risk Species:**  
**Volume vs 2024 Goal:** BVES conducts as-needed remediation of high-risk species in its service territory. There are no specific program targets for 2024.  
**Key Actions:** BVES will act on inspection findings and VM crews identify high-risk species throughout 2024.

Fire-Resilient Right-of-Ways  
VM\_13  
**On Track**

**Fire-Resilient Right-of-Ways:**  
**Volume vs 2024 Goal:** BVES's contracted vegetation resource (forester) conducts regular inspections to verify compliance with requirements and to seek opportunities to make right of ways more resilient.  
**Key Actions:** BVES will act on vegetation resource's recommendations in this area.

Emergency Response Vegetation Management  
VM\_14  
**On Track**

**Emergency Response Vegetation Management:**  
**Volume vs 2024 Goal:** BVES's contracted vegetation contractor's crews are contractually available on an as needed basis for disaster or emergency event vegetation management.  
**Key Actions:** BVES will mobilize and dispatch VM crews as needed in 2024.

Vegetation Management Enterprise System  
VM\_15  
**On Track**

**Vegetation Management Enterprise System:**  
**Volume vs 2024 Goal:** The Vegetation Management Enterprise System is an ongoing activity for BVES. Currently its systems are standalone, but due to BVES's size this is not a major concern.  
**Key Actions:** BVES continues to evaluate the need for automated and master systems as it relates to vegetation management.

Quality Assurance / Quality Control  
VM\_16  
**Vegetation Management Quality Assurance / Quality Control**  
**On Track**

**Vegetation Management Quality Assurance / Quality Control:**  
**Volume vs Q1 2024 Goal:** BVES planned to complete 2 vegetation management audits by the end of Q1. BVES was able to complete the 2 audits by the close of Q1.  
**Key Actions:** BVES completed 2 audit in Q1 with a YTD total of 2 vegetation management audits in 2024. BVES is on track to meet its target for 2024.

Open Work Orders  
VM\_17  
**Vegetation Management Open Work Orders**  
**On Track**

**Vegetation Management Open Work Orders:**  
**Volume vs 2024 Goal:** For 2024 BVES has a goal to have no work orders exceeding the GO 95 Rule 18 corrective action timeframe.  
**Key Actions:** BVES did not have any work orders that exceeded the GO 95 timeframe in Q1.

Workforce Planning  
VM\_18  
**Vegetation Management Workforce Planning**  
**On Track**

**Vegetation Management Workforce Planning:**  
**Volume vs 2024 Goal:** For 2024 BVES has a goal to verify that the wildfire related positions are appropriately staffed. This review is conducted quarterly.  
**Key Actions:** BVES reviewed and verified that the appropriate staffing levels exist for wildfire related positions.

Vegetation Inspections  
VM\_19  
**AiDash**  
**On Track**

**AiDash:**  
**Volume vs 2024 Goal:** BVES has implemented AiDash and plans to use it at minimum once annually to assess the vegetation in its service territory.  
**Key Actions:** BVES will continue to use the AiDash Satellite inspection once per year and will use the information provided as detail and validation for its vegetation inspection program.

# WMP Activities Status vs. WMP Activity Goals

## Grid Design, Operations & Maintenance

Covered Conductor Installation  
GD\_1  
**Covered Conductor Replacement Program Ahead of Plan**

**Covered Conductor Replacement Program:**  
**Volume vs Q1 2024 Goal:** BVES planned to complete a total of 0 circuit miles by the end of Q1. BVES completed 1.34 circuit miles by the end of Q1.  
**Key Actions:** BVES completed 1.34 circuit miles of covered conductor installation in Q1. BVES is currently ahead of plan for its target of 12.9 circuit miles in 2024.

Covered Conductor Installation  
GD\_2  
**Radford Line Replacement Project On Track**

**Radford Line Replacement Project:**  
**Volume vs 2024 Goal:** BVES plans to complete the Radford Line covered conductor project in 2024. BVES plans to replace 1 circuit mile in Q3 and 1.7 circuit miles in Q4, for a total of 2.7 circuit miles replaced.  
**Key Actions:** BVES has received the letter to proceed from the USFS as of 1/3/24. No replacements were conducted in Q1.

Installation of System Automation Equipment  
GD\_14  
**Capacitor Bank Upgrade Project On Track**

**Capacitor Bank Upgrade Project:**  
**Volume vs 2024 Goal:** BVES plans to connect and automate 6 Capacitor Banks to SCADA in 2024, 1 capacitor bank in Q2 and 5 additional in Q3.  
**Key Actions:** BVES did not connect a capacitor bank to SCADA in Q1. BVES is on track to meet its 2024 target.

Installation of System Automation Equipment  
GD\_15  
**Fuse TripSaver Automation On Track**

**Fuse TripSaver Automation:**  
**Volume vs 2024 Goal:** BVES plans to connect and automate 50 Fuse TripSavers to SCADA in 2024, 16 TripSavers in Q2, 25 in Q3, and 9 additional in Q4.  
**Key Actions:** BVES did not connect a Fuse TripSaver to SCADA in Q1. BVES is on track to meet its 2024 target.

Microgrids  
GD\_10  
**Bear Valley Solar Energy Project Not Started**

**Bear Valley Solar Energy Project:**  
**Volume vs 2024 Goal:** The Bear Valley Solar Energy Project is not scheduled for construction in 2024.  
**Key Actions:** BVES has obtained a purchase agreement for the Solar Energy Project. Application to be filed with CPUC in 2024..

Microgrids  
GD\_11  
**Energy Storage Project Not Started**

**Bear Valley Energy Storage Project:**  
**Volume vs 2024 Goal:** The Energy Storage Project is not scheduled for construction in 2024.  
**Key Actions:** BVES to file application with the CPUC in 2024.

Installation of System Automation Equipment  
GD\_12  
**Substation Automation On Track**

**Substation Automation:**  
**Volume vs 2024 Goal:** BVES plans to connect and automate 3 substations to SCADA in 2024, 1 substation in Q2, 1 in Q3, and 1 additional in Q4.  
**Key Actions:** BVES did not connect a substation to SCADA in Q1. BVES is on track to meet its 2024 target.

Installation of System Automation Equipment  
GD\_13  
**Switch and Field Device Automation On Track**

**Switch and Field Device Automation:**  
**Volume vs 2024 Goal:** BVES plans to connect and automate 10 Field Switches to SCADA in 2024, 5 field switches in Q2 and 5 additional in Q3.  
**Key Actions:** BVES did not connect a field switch to SCADA in Q1. BVES is on track to meet its 2024 target.

# WMP Activities Status vs. WMP Activity Goals

## Grid Design, Operations & Maintenance

Installation of System Automation Equipment  
GD\_16  
**Server Room**  
**On Track**

**Server Room:**  
**Volume vs 2024 Goal:** BVES plans to upgrade the Server Room at its main office in 2024.  
**Key Actions:** BVES is on track to meet its target for 2024.

Installation of System Automation Equipment  
GD\_17  
**Distribution Management Center**  
**On Track**

**Distribution Management Center:**  
**Volume vs 2024 Goal:** The Distribution Management Center Project is schedule for completion in 2025. BVES plans to hit the 50% project mark by the close of 2024.  
**Key Actions:** BVES is currently in the planning phase and is on track to hit its 50% project target for 2024.

Line Removals (In HFTD)  
GD\_18  
**No Planned Projects**

**Line Removals (In HFTD):**  
**Volume vs 2024 Goal:** BVES does not have any planned line removals in HFTD in 2024.  
**Key Actions:** N/A.

Other Grid Topology Improvements to Minimize Risk of Ignition  
GD\_19  
**Tree Attachment Removal Program**  
**Ahead of Plan**

**Covered Conductor Replacement Program:**  
**Volume vs Q1 2024 Goal:** BVES planned to complete 0 tree attachment removals by the end of Q1. BVES was able to complete 51 tree attachments removals by the close of Q1.  
**Key Actions:** BVES was able to complete 51 removals in Q1. BVES is ahead of plan for tree attachment removals in 2024.

Other Grid Topology Improvements to Mitigate or Reduce PSPS Risk  
GD\_20  
**Captured Through Other Programs**

**Other Grid Topology Improvements to Mitigate or Reduce PSPS Risk:**  
**Volume vs Goal:** The objectives of this initiative are achieved through BVES's installation of system automation equipment initiatives.  
**Key Actions:** N/A.

Other Technologies and Systems Not Listed Above  
GD\_21  
**BVPP Phase 4 Upgrade Project**  
**On Track**

**BVPP Phase 4 Upgrade Project:**  
**Volume vs 2024 Goal:** The BVPP Phase 4 Upgrade Project is schedule for completion in 2024.  
**Key Actions:** BVES is on track to complete the project in 2024.

Other Technologies and Systems Not Listed Above  
GD\_22  
**Safety and Technical Upgrades to Maltby Substation**  
**Not Started**

**Safety and Technical Upgrades to Maltby Substation:**  
**Volume vs 2024 Goal:** The Safety and Technical Upgrades to Maltby Substation in not scheduled for 2024.  
**Key Actions:** No construction action will be taken on this program in 2024. BVES will perform project planning in 2024.

Other Technologies and Systems Not Listed Above  
GD\_23  
**Safety and Technical Upgrades to Lake Substation**  
**Not Started**

**Safety and Technical Upgrades to Lake Substation:**  
**Volume vs 2024 Goal:** The Safety and Technical Upgrades to Lake Substation is not scheduled for 2024.  
**Key Actions:** No construction action will be taken on this program in 2024. BVES will perform project planning in 2025.

Other Technologies and Systems Not Listed Above  
GD\_24  
**Safety and Technical Upgrades to Village Substation**  
**Not Started**

**Safety and Technical Upgrades to Village Substation:**  
**Volume vs 2024 Goal:** The Safety and Technical Upgrades to Village Substation is not scheduled for 2024.  
**Key Actions:** No construction action will be taken on this program in 2024. BVES will perform project planning in 2026.

# WMP Activities Status vs. WMP Activity Goals

## Grid Design, Operations & Maintenance

Asset Inspection  
GD\_25  
**Detailed Inspection  
Ahead of Plan**

**Detailed Inspection:**

**Volume vs Q1 2024 Goal:** BVES planned to complete a total of 9 circuit miles of inspection by the end of Q1. BVES was able to complete 10 circuit miles in Q1.

**Key Actions:** BVES exceeded its target of 9 circuit miles of detailed inspection for Q1 by completing 10 circuit miles.

Asset Inspection  
GD\_26  
**Patrol Inspection  
Ahead of Plan**

**Patrol Inspection:**

**Volume vs Q1 2024 Goal:** BVES planned to complete a total of 52 circuit miles of inspection in Q1. BVES completed 58 circuit miles in Q1.

**Key Actions:** BVES exceeded its target of 52 circuit miles of patrol inspection in Q1 by completing 58 circuit miles.

Asset Inspection  
GD\_27  
**UAV Thermography  
On Track**

**UAV Thermography:**

**Volume vs 2024 Goal:** BVES planned to conduct 205.0 circuit miles of inspection in Q3. BVES annual target is 205.0 circuit miles in 2024.

**Key Actions:** BVES is on track to meet its target of 205.0 miles of inspection in 2024.

Asset Inspection  
GD\_28  
**UAV HD Photography /  
Videography  
On Track**

**UAV HD Photography / Videography:**

**Volume vs 2024 Goal:** BVES planned to conduct 205.0 circuit miles of inspection in Q3. BVES annual target is 205.0 circuit miles in 2024.

**Key Actions:** BVES is on track to meet its target of 205.0 miles of inspection in 2024.

Asset Inspection  
GD\_29  
**LiDAR Inspection  
On Track**

**LiDAR Inspection:**

**Volume vs 2024 Goal:** BVES planned to conduct 205.0 circuit miles of inspection in Q3. BVES annual target is 205.0 circuit miles in 2024.

**Key Actions:** BVES is on track to meet its target of 205.0 miles of inspection in 2024.

Undergrounding of  
Electric Lines and/or  
Equipment  
GD\_3  
**Minor Undergrounding  
Upgrades Projects  
On Track**

**Minor Undergrounding Upgrades Projects:**

**Volume vs 2024 Goal:** BVES conducts undergrounding on an as needed basis. There were no proposed or initiated undergrounding projects in Q1.

**Key Actions:** No undergrounding projects were proposed or initiated in Q1.

Asset Inspection  
GD\_30  
**3rd Party Ground Patrol  
On Track**

**3rd Party Ground Patrol:**

**Volume vs 2024 Goal:** BVES planned to conduct 205.0 circuit miles of inspection in Q3. BVES annual target is 205.0 circuit miles in 2024.

**Key Actions:** BVES is on track to meet its target of 205.0 miles of inspection in 2024.

Asset Inspection  
GD\_31  
**Intrusive Pole  
Inspection  
On Track**

**Intrusive Pole Inspection:**

**Volume vs 2024 Goal:** BVES plans to conduct 850 intrusive pole inspections by the end of Q4.

**Key Actions:** BVES completed 0 intrusive pole inspections in Q1. BVES is on track to meet its target for 2024

Asset Inspection  
GD\_32  
**Substation Inspections  
Ahead of Plan**

**Substation Inspections:**

**Volume vs Q1 2024 Goal:** BVES planned to complete 36 substation inspections by the end of Q1. BVES completed 39 substation inspections in Q1.

**Key Actions:** BVES completed 39 inspection in Q1, exceeding its target of 36 inspections. BVES ahead of schedule for 2024.

Equipment Maintenance  
and Repair  
GD\_33  
**On Track**

**Equipment Maintenance and Repair:**

**Volume vs 2024 Goal:** This is an as needed program for BVES and covers all maintenance of equipment in BVES service territory.

**Key Actions:** BVES plans to perform as needed maintenance throughout 2024.

# WMP Activities Status vs. WMP Activity Goals

## Grid Design, Operations & Maintenance

Asset Management and Inspection Enterprise System(s)  
GD\_34  
**Distribution Management Center**

**Asset Management and Inspection Enterprise System(s):**  
**Volume vs 2024 Goal:** The Asset Management and Inspection Enterprise System is an ongoing activity for BVES. Currently its systems are standalone but due to BVES's size this is not a major concern.  
**Key Actions:** BVES continue to evaluate the need for automate and master systems as it relates to asset management and inspection.

Grid Response Procedures and Notifications  
GD\_38  
**On Track**

**Grid Response Procedures and Notifications:**  
**Volume vs 2024 Goal:** For 2024 BVES plans to review and, if necessary, update its procedure. This will be an annual process.  
**Key Actions:** BVES is on track to complete its annual review process.

Quality Assurance / Quality Control  
GD\_35  
**Asset Quality Assurance / Quality Control**  
**On Track**

**Asset Quality Assurance / Quality Control:**  
**Volume vs Q1 2024 Goal:** BVES planned to complete 5 asset QCs on WMP work by the end of Q1. BVES was able to complete 5 QCs by the end of Q1.  
**Key Actions:** BVES completed 5 asset QCs in Q1 with a YTD total of 5 QCs in 2024. BVES is on track to meet its target for 2024.

Personnel Work Procedures and Training in Conditions of Elevated Fire Risk  
GD\_39  
**On Track**

**Personnel Work Procedures and Training in Conditions of Elevated Fire Risk:**  
**Volume vs 2024 Goal:** For 2024 BVES plans to review and, if necessary, update its procedure. This will be an annual process. BVES will also verify the training of all responsible staff members.  
**Key Actions:** BVES is on track to complete its annual review process.

Open Work Orders  
GD\_36  
**Asset Open Work Orders**  
**On Track**

**Asset Open Work Orders:**  
**Volume vs 2024 Goal:** For 2024 BVES has a goal to have no work orders exceeding the GO 95 timeframe.  
**Key Actions:** BVES did not have any work orders that exceeded the GO 95 timeframe in Q1.

Distribution Pole Replacement and Reinforcement  
GD\_4  
**Distribution Pole Replacement and Reinforcement**  
**Ahead of Plan**

**Distribution Pole Replacement and Reinforcement:**  
**Volume vs 2024 Goal:** BVES plans to complete 200 pole replacements by the end of Q4. BVES planned to complete 0 pole replacements in Q1.  
**Key Actions:** BVES completed 58 pole replacements in Q1. BVES is ahead of plan to meet its 2024 target.

Equipment Settings to Reduce Wildfire Risk  
GD\_37  
**On Track**

**Equipment Settings to Reduce Wildfire Risk:**  
**Volume vs 2024 Goal:** For 2024 BVES plans to review its equipment settings on a regular basis and evaluate the need for modified settings.  
**Key Actions:** BVES reviewed the equipment settings in Q1.

Workforce Planning  
GD\_40  
**Asset Workforce Planning**  
**On Track**

**Asset Workforce Planning:**  
**Volume vs 2024 Goal:** For 2024 BVES has a goal to verify that wildfire related positions are appropriately staffed. This review is conducted quarterly.  
**Key Actions:** BVES reviewed and verified that appropriate staffing levels exist for wildfire related positions.

# WMP Activities Status vs. WMP Activity Goals

## Grid Design, Operations & Maintenance

Distribution Pole Replacement and Reinforcement  
GD\_5  
**Radford Line Replacement Project**  
**On Track**

**Distribution Pole Replacement and Reinforcement (Radford Line Replacement Project):**

**Volume vs 2024 Goal:** BVES plans to complete the Radford Line Pole Replacement project in 2024. BVES plans to replace 20 poles in Q3 and an additional 50 poles in Q4, for a total of 70 poles replaced.

**Key Actions:** BVES has received the letter to proceed from the USFS as of 1/3/24. No replacements were conducted in Q1.

Distribution Pole Replacement and Reinforcement  
GD\_6  
**Evacuation Route Hardening Project**  
**Met Target**

**Asset Quality Assurance / Quality Control:**

**Volume vs Q1 2024 Goal:** BVES planned to complete a 250 poles hardened with Wire Mesh in Q1. BVES hardened 600 poles with wire mesh in Q1.

**Key Actions:** BVES completed 600 poles hardened with wire mesh in Q1. BVES exceeded its target of 250 for Q1 and exceeded its annual target of 500 poles in Q1.

Transmission Pole/Tower Replacement and Reinforcement  
GD\_7  
**Not Applicable**

**Transmission Pole/Tower Replacement and Reinforcement:**

**Volume vs 2024 Goal:** BVES does not own or operate any transmission assets.

**Key Actions:** N/A.

Traditional Overhead Hardening  
GD\_8  
**On Track**

**Traditional Overhead Hardening:**

**Volume vs 2024 Goal:** This is an as-needed program for BVES. There is budget allocation for the year based on history but no specifically tracked tasks. Overhead hardening work is performed as needed in response to inspection findings and emergent conditions.

**Key Actions:** BVES conducted as-needed maintenance throughout Q1.

Emerging Grid Hardening Technology Installations and Pilots  
GD\_9  
**Not Started**

**Emerging Grid Hardening Technology Installations and Pilots:**

**Volume vs 2024 Goal:** Currently no projects in the initiative. BVES will discuss opportunities with partner utilities on the effectiveness of such technologies.

**Key Actions:** No project activity is planned for 2024 in this area.