



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

August 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: *Q2 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, Safety Policy Division to SafetyPolicyDivision@cpuc.ca.gov, Program and Project Supervisor, Eric Wu via email to eric.wu@cpuc.ca.gov, and 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 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

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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 second quarter (“Q2”) 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 Q2 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 Q2 2024.

Overview of Significant Achievements and Issues

BVES made significant progress in achieving its WMP initiative targets for 2024. As of the end of Q2 2024, some of the more significant achievements were:

- Replaced 7.18 circuit miles of bare wire with covered conductor, which exceeds the end of Q2 target 2.5 circuit miles.
- Replaced 166 poles, which exceeds the end of Q2 target of 50 poles.
- Installed fire-resistant wire mesh on 991 wood poles exceeding the annual target to harden 500 poles along the evacuation routes.
- Removed 84 tree attachments, which exceeds the end of Q2 target of 30 tree attachments.
- Automated one substation, which is on target for Q2.
- Installed and automated one capacitor bank, which is on target for Q2.
- Conducted 78 substation inspections, which exceeds the end of Q2 target of 72 substation inspections.
- Conducted 32 circuit miles of detailed inspection (GO-165), which exceeds the end of Q2 target of 21 circuit miles.
- Conducted 106 circuit miles of patrol inspection (GO-165), which exceeds the end of Q2 target of 102 circuit miles.
- Cleared vegetation encroachment around 37 circuit miles, which exceeds the end of Q2 target of 36 circuit miles.
- Removed 63 hazard trees with fall-in risk, which exceeds the end of Q2 target of removing 44 trees.

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- Conducted 496 public and outreach and education actions on PSPS and WMP, which exceeds the Q2 target of 180 public engagement actions.

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 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 construct the Radford Project. BVES began construction in late May and installed 0.75 miles of covered conductor and replaced 10 poles as of the end of Q2 2024 and is on track to complete the project by year-end 2024.

Three grid hardening initiatives, Switch and Field Device Automation, Fuse TripSaver Automation, and Install Fault Indicators, fell behind their Q2 targets as follows:

<u>Initiative</u>	<u>Q1+Q2 Target</u>	<u>Q1+Q2 Actual</u>
Switch and Field Device Automation (GD_13)	5	2
Fuse TripSaver Automation (GD_15)	16	11
Install Fault Indicators (SAF_2)	15	9

These initiatives fell off track in Q2 2024 due to an unplanned loss of key staff involved in connecting these systems to the SCADA network. The staffing issues were resolved and Bear Valley has implemented a detailed plan to get these initiatives back on track and fully expects to achieve its annual targets for these initiatives.

Additionally, Bear Valley had a target to conduct vegetation abatement on 8 of 13 substations in Q2 2024 for the Substation Defensible Space initiative. No abatements were conducted in Q2 but they were all complete (all 13 substations) in the first week of July 2024. Therefore, for Q2 this initiative is listed as off track but the annual target was completed as of the date of this letter.

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

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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.
- In response to this recommendation, BVES is developing a strategy to further improve contractor safety culture.
- Bear Valley reviewed the SCA reports for 2021, 2022, and 2023 regarding contractor performance at BVES and at California electric investor owned utilities (IOUs) and found the results at BVES (1) unchanged over the last three years and (2) were consistently lower than the other IOUs that performed similar SCAs over the last three years.
- BVES intends on building upon the measures it has already put in place to improve contractor safety culture and will add in the following additional actions:
 - Meet with contractor leadership and go over
 - 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.
 - Reach out to other investor owned utilities (IOUs) to develop best practices for improving contractor safety culture.
 - Add "Contractor Engagement Strategy" as a BVES Safety Culture Objective in Bear Valley's 3-year Safety Culture Plan (fully achieve objective by 2026).

Address Safety Culture Opportunities for the Design and Construction Business Unit:

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- 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 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.
 - Discuss the importance of focusing on one task at a time and avoiding distractions. Explain while multi-tasking is present in our

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daily work, employees should still only focus on one task at a time and avoid distractions. If conflicts arise, employees should stop work and alert their Supervisor for further guidance.

- 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
 - 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.).
 - Incorporate near-miss and hazard reporting into Bear Valley’s behavior based safety program implementation.

SAFETY AND OPERATIONS COMMITTEE RECOMMENDATIONS AND MEETINGS

Recommendations from the Most Recent Quarter

During Q2 2024, the Safety and Operations Committee (“Committee”) met once on June 6, 2024. The Committee agreed with management’s decision to accept and implement the recommendations of the 2023 Safety Culture Assessment (SCA). Additionally, the

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Committee agreed with the plan of action management proposed to implement the 2023 SCA recommendations.

Progress on Previous Recommendations

At the Committee meeting 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 and Bear Valley used the budget increase to the WMP grid hardening project to further reduce the risk of wildfire and PSPS events. This recommendation has been fully implemented by BVES management.

Summary of Meetings

During Q2 2024, the Committee met once. On June 6, 2024, BVES convened the Committee and Chairman Paul Marconi briefed the Committee on current safety items at BVES including Wildfire Mitigation Plan (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 first quarter of 2024. Mr. Marconi informed the Committee that all WMP initiatives were on track to achieve their 2024 annual targets. He then briefed the Committee on preparations for the 2024 fire season and the fire potential index model implemented by Bear Valley that was being used each day to evaluate wildfire risk and aid in determining the operational posture of the distribution system based on the fire risk. Mr. Marconi also informed the Committee that the Company had contracted an expert engineering consulting company to evaluate the Company's distribution system protection settings for switches and to make recommendations on the use of Fast Trip Settings to reduce the likelihood of ignitions. Mr. Marconi reminded the Committee that currently all protection settings were based on the Fast Curve Trip settings provided by the equipment manufacturers.

Chairman Marconi briefed the Committee on the 2023 SCA Report by OEIS. Prior to the meeting, each Committee member had been provided a copy of the 2023 SCA Report. Mr. Marconi discussed how the survey was conducted and reviewed the results of the survey. He briefed the Committee on areas that showed a strong safety culture and areas that indicated opportunities for improvement. The Committee discussed at length the lower scores that the contractor employees had when compared to BVES employees and various ways to improve contractor safety culture. Mr. Marconi provided the Committee an analysis of contractor safety culture survey results over the past three years at Bear Valley and at other investor owned utilities. The Committee agreed with the plan of action management has implemented to improve contractor safety culture. The Committee also focused on the lower survey scores that the Engineering and Planning employees had on the survey. It was noted that while the Engineering and Planning employees average score was lower than Operations employees, their score was still above 4 on a scale of 1 to 5 with 5 being the highest possible score. The Committee agreed with management's plan of action to improve the Engineering and Planning employees' safety culture. The Committee also discussed the recommendations regarding strengthening safety-enabling systems (near miss and

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hazard reporting) and agreed with management's approach to improving in this area. The Committee agreed with management's decision to implement the recommendations from the 2023 SCA report. 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.

Sincerely,

/s/ Jeff Linam

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Attachment A

Initiative Summary of Progress for Individual Mitigation Measures during Q2 2024



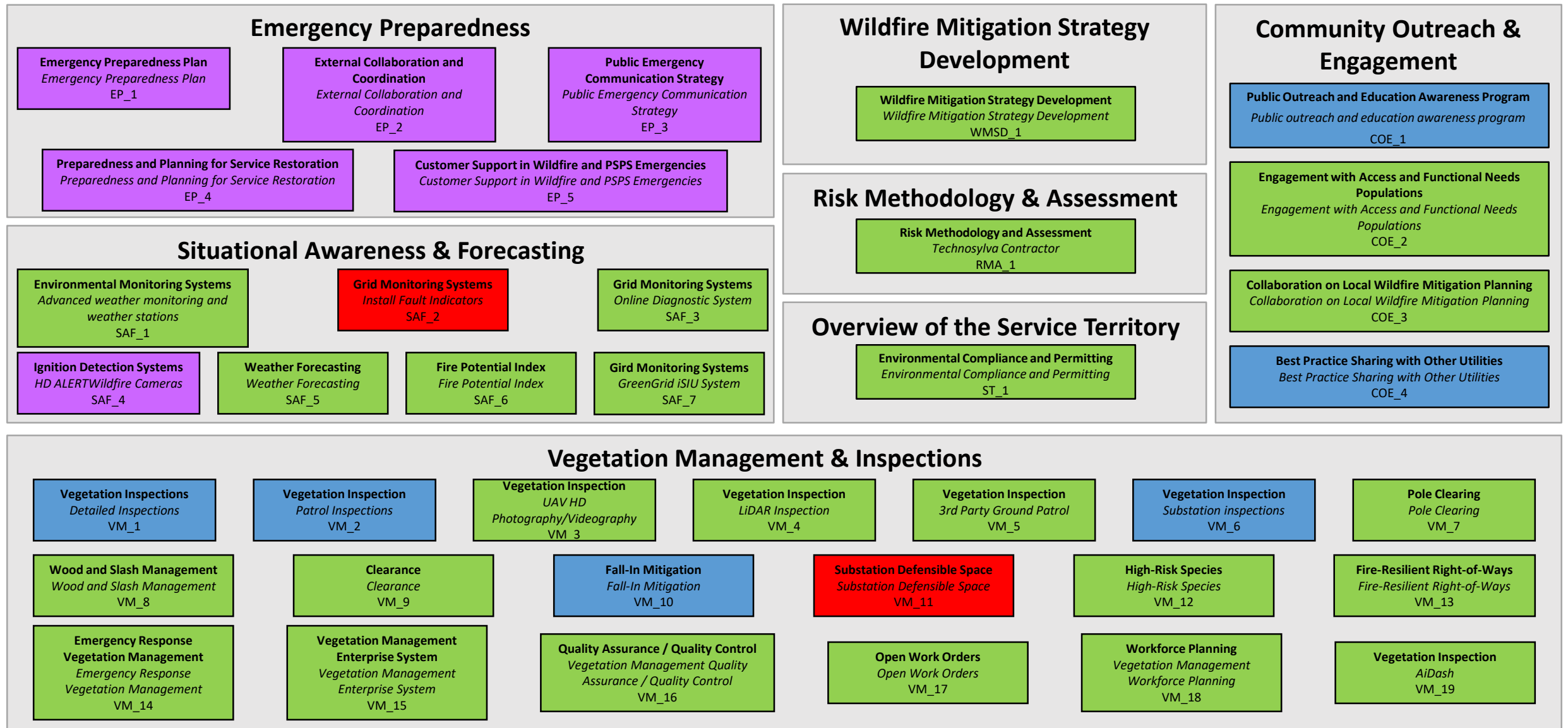
Wildfire Mitigation Plan Quarterly Notification Letter Initiatives Update

Bear Valley Electric Service, Inc.

Q2 2024

WMP Activity Summary

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

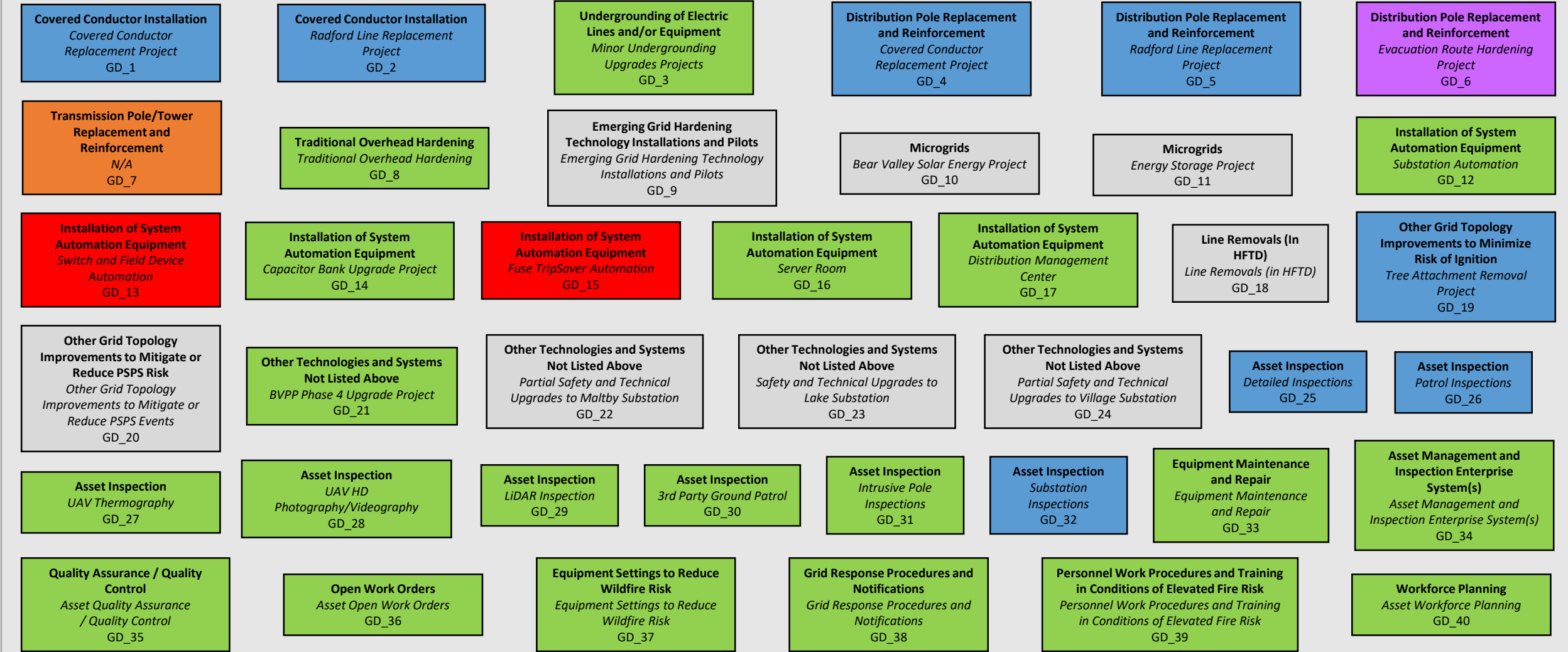


(* Not Currently Scheduled – BVES included this Status Icon to indicate where an initiative is not currently identified for this WMP cycle, or, that it is not applicable (BVES does not own or operate assets equal to or greater than 65kV).

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>Established / Ongoing</p>	<p>External Collaboration and Coordination EP_2</p> <p>Established / Ongoing</p>	<p>Public Emergency Communication Strategy EP_3</p> <p>Established / Ongoing</p>	<p>Preparedness and Planning for Service Restoration EP_4</p> <p>Established / Ongoing</p>	<p>Customer Support in Wildfire and PSPS Emergencies EP_5</p> <p>Established / Ongoing</p>	<p>Emergency Preparedness and Response Program and PSPS Plan: Volume vs 2024 Goal: BVES did not record an emergencies in Q2 of 2024. This means that the use of the Emergency Preparedness & 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>Exceeded Target</p>	<p>Public Outreach and Education Awareness Program: Volume vs 2024 Goal: BVES planned to conduct a minimum of 360 outreach activities in 2024. Key Actions: BVES conducted 496 outreach activities as of Q2 exceeding its Q2 target of 180 outreach activities and is ahead of schedule for 2024.</p>	<p>Collaboration on Local Wildfire Mitigation Planning COE_3</p> <p>On Track</p>	<p>Collaboration on Local Wildfire Mitigation Planning: Volume vs 2024 Goal: BVES plans to engage with Local Support (Fire Department & Forest Service) on a regular basis to discuss project statuses as well as general needs and gaps for the upcoming fire season. Key Actions: 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>On Track</p>	<p>Engagement with Access and Function Needs (AFN) Populations: Volume vs 2024 Goal: BVES has an established program in place to identify AFN customers and provide assistance during PSPS. Key Actions: 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 Q2.</p>	<p>Best Practice Sharing with Other Utilities COE_4</p> <p>Exceeded Target</p>	<p>Best Practice Sharing with Other Utilities: Volume vs 2024 Goal: 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. Key Actions: BVES attended 56 conferences, working groups and meetings as of the end of Q2 exceeding its Q2 target of 8 conferences, working groups and meetings and is ahead of schedule for 2024.</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 Q2.

Grid Monitoring Systems
SAF_2
Fault Indicator Instillation
Off Track

Fault Indicator Instillation:
Volume vs 2024 Goal: BVES plans to connect 30 fault indicators to SCADA in 2024.
Key Actions: BVES installed 9 of the 15 fault indicators planned for Q2. BVES is currently off track but has implemented a detailed plan to achieve its annual the target for 2024.

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 have been conducted on a monthly basis.

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 and projects are being conducted as needed.

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 revised 2025 WMP Update to Energy Safety for review and approval on May 29, 2024.

WMP Activities Status vs. WMP Activity Goals

Vegetation Management & Inspection

Vegetation Inspections
VM_1
**Detailed Inspection
Ahead of Plan**

Detailed Inspection:

Volume vs 2024 Goal: BVES plans to complete 51.0 circuit miles of detailed inspection in 2024.

Key Actions: BVES completed 32 circuit miles of detailed inspection as of Q2 exceeding its Q2 target of 21 circuit miles and is ahead of schedule for 2024.

Vegetation Inspection
VM_2
**Patrol Inspection
Ahead of Plan**

Patrol Inspection:

Volume vs 2024 Goal: BVES plans to complete 205.0 circuit miles of patrol inspection in 2024.

Key Actions: BVES completed 106 circuit miles of patrol inspection as of Q2 exceeding its Q2 target of 102 circuit miles and is ahead of schedule for 2024.

Vegetation Inspection
VM_3
**UAV HD Photography /
Videography
On Track**

UAV HD Photography / Videography:

Volume vs 2024 Goal: BVES plans to conduct 205.0 circuit miles of UAV HD Photography/Videography inspection in 2024.

Key Actions: BVES has a contract in place to conduct 205.0 circuit miles of UAV HD Photography/Videography inspection in Q3 and is on track to meet its target for 2024.

Vegetation Inspection
VM_4
**LiDAR Inspection
On Track**

LiDAR Inspection:

Volume vs 2024 Goal: BVES plans to conduct 205.0 circuit miles of LiDAR inspection in 2024.

Key Actions: BVES has a contract in place to conduct 205.0 circuit miles of LiDAR inspection in Q3 and is on track to meet its target for 2024.

Vegetation Inspection
VM_5
**3rd Party Ground Patrol
On Track**

3rd Party Ground Patrol:

Volume vs 2024 Goal: BVES plans to conduct 205.0 circuit miles of 3rd party ground patrol inspection in 2024.

Key Actions: BVES has a contract in place to conduct 205.0 circuit miles of 3rd party ground patrol inspection in Q3 and is on track to meet its target for 2024.

Vegetation Inspection
VM_6
**Substation Inspections
Ahead of Plan**

Substation Inspections:

Volume vs Q2 2024 Goal: BVES plans to conduct 144 substation inspections in 2024.

Key Actions: BVES conducted 78 substation inspections exceeding its Q2 target of 72 and is 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 conducts pole clearing as required.

Wood and Slash
Management
VM_8
On Track

Wood and Slash Management:

Volume vs 2024 Goal: BVES's vegetation contractor is responsible for waste removal requirements by contract.

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 2024 Goal: BVES plans to complete 72 circuit miles of clearing in 2024.

Key Actions: BVES completed 37 circuit miles of clearing as of Q2 and is on track to achieve its target for 2024.

Fall-In Mitigation
VM_10
Ahead of Plan

Fall-In Mitigation:

Volume vs 2024 Goal: BVES plans to remove 88 trees in 2024.

Key Actions: BVES completed 63 tree removals as of Q2 exceeding its Q2 target. BVES is ahead of schedule for its fall-in mitigation program in 2024.

WMP Activities Status vs. WMP Activity Goals

Vegetation Management & Inspection

Substation Defensible Space
VM_11
Off Track

Substation Defensible Space:

Volume vs 2024 Goal: BVES's plans to conduct 13 substation vegetation abatements in 2024.

Key Actions: BVES has delayed the substation abatements to all be conducted in the first week of Q3; therefore it missed its target of 8 abatements in Q2.

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 as 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 vegetation contractor's crews are contractually available on a short notice 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.

Key Actions: BVES continues to update its Vegetation Management Enterprise System.

Quality Assurance / Quality Control
VM_16
Vegetation Management Quality Assurance / Quality Control
On Track

Vegetation Management Quality Assurance / Quality Control:

Volume vs 2024 Goal: BVES plans to complete 5 vegetation management audits in 2024.

Key Actions: BVES completed 3 audits as of Q2 and 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 Q2.

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 implemented AiDash satellite inspection program and plans to have one survey of its service area in 2024.

Key Actions: BVES has a contract in place for AiDash to complete a satellite survey in Q3. BVES is on track to achieve its 2024 target.

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 2024 Goal: BVES plans replace 12.9 circuit miles of bare conductors with covered conductors in 2024.
Key Actions: BVES replaced 7.18 circuit miles of bare conductors with covered conductors as of Q2 exceeding its target for Q2. BVES is ahead of schedule for the Covered Conductor Replacement Program.

Covered Conductor Installation
GD_2
Radford Line Replacement Project Ahead of Plan

Radford Line Replacement Project:
Volume vs 2024 Goal: BVES plans to complete the Radford Line Replacement Project in 2024, which includes installing 2.7 circuit miles of covered conductor.
Key Actions: BVES received clearance from the USFS for the project. BVES began construction in May 2024 and installed 0.75 circuit miles of covered conductors as of Q2 exceeding its target for Q2. BVES is ahead of schedule to complete this project in 2024.

Installation of System Automation Equipment
GD_14
Capacitor Bank Upgrade Project On Track

Capacitor Bank Upgrade Project:
Volume vs 2024 Goal: BVES plans to install and automate 6 Capacitor Banks by the end of 2024.
Key Actions: BVES has installed 6 capacitor banks and connected 1 capacitor bank to SCADA. BVES is on track to meet its 2024 target.

Installation of System Automation Equipment
GD_15
Fuse TripSaver Automation Off Track

Fuse TripSaver Automation:
Volume vs 2024 Goal: BVES plans to connect and automate 50 Fuse TripSavers to SCADA in 2024.
Key Actions: BVES connected 11 of its target of 16 Fuse TripSavers to SCADA in Q2. BVES is currently off track but has implemented a detailed plan to achieve annual the target for 2024.

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 signed an Engineering Procurement Contract with a developed and filed and an application with the CPUC for the Solar Energy Project.

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 signed an Engineering Procurement Contract with a developed and filed and an application with the CPUC for the Energy Storage Project

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.
Key Actions: BVES completed 1 substation automation in Q2 and BVES is on track to meet its 2024 target.

Installation of System Automation Equipment
GD_13
Switch and Field Device Automation Off Track

Switch and Field Device Automation:
Volume vs 2024 Goal: BVES plans to connect and automate 10 field switches to SCADA in 2024.
Key Actions: BVES connected 2 field switches to SCADA in Q2 falling behind its target of connecting 5 switches to SCADA in Q2. BVES is currently off track but has implemented a detailed plan to achieve the annual target for 2024.

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 be 50% complete by the end of 2024.
Key Actions: BVES is currently in the planning phase and is on track to meet its 50% project completion 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

Tree Attachment Removal Program:
Volume vs 2024 Goal: BVES plans to complete 100 tree attachment removals in 2024.
Key Actions: BVES completed 84 tree attachment removals as of Q2 exceeding its target for Q2. BVES is ahead of schedule for the tree attachment removal program for 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 to be completed in 2024.
Key Actions: No construction action will be taken on this program in 2024. BVES is conducting project planning in 2024 and has placed all of the required equipment on order. Construction will be completed in 2025.

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 is performing project planning in 2024 and expects to order equipment by the end of 2024.

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 2025.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Asset Inspection
GD_25
**Detailed Inspection
Ahead of Plan**

Detailed Inspection:

Volume vs 2024 Goal: BVES plans to complete 51.0 circuit miles of detailed inspection in 2024.

Key Actions: BVES completed 32 circuit miles of detailed inspection as of Q2 exceeding its Q2 target of 21 circuit miles and is ahead of schedule for 2024.

Asset Inspection
GD_26
**Patrol Inspection
Ahead of Plan**

Patrol Inspection:

Volume vs 2024 Goal: BVES plans to complete 205.0 circuit miles of patrol inspection in 2024.

Key Actions: BVES completed 106 circuit miles of patrol inspection as of Q2 exceeding its Q2 target of 102 circuit miles and is ahead of schedule for 2024.

Asset Inspection
GD_27
**UAV Thermography
On Track**

UAV Thermography:

Volume vs 2024 Goal: BVES plans to conduct 205.0 circuit miles of UAV HD Thermography inspection in 2024.

Key Actions: BVES has a contract in place to conduct 205.0 circuit miles of UAV Thermography inspection in Q3 and is on track to meet its target for 2024.

Asset Inspection
GD_28
**UAV HD Photography /
Videography
On Track**

UAV HD Photography/Videography:

Volume vs 2024 Goal: BVES plans to conduct 205.0 circuit miles of UAV HD Photography/Videography inspection in 2024.

Key Actions: BVES has a contract in place to conduct 205.0 circuit miles of UAV HD Photography/Videography inspection in Q3 and is on track to meet its target for 2024.

Asset Inspection
GD_29
**LiDAR Inspection
On Track**

LiDAR Inspection:

Volume vs 2024 Goal: BVES plans to conduct 205.0 circuit miles of LiDAR inspection in 2024.

Key Actions: BVES has a contract in place to conduct 205.0 circuit miles of LiDAR inspection in Q3 and is on track to meet its target for 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 minor undergrounding projects on an as needed basis. There were no proposed or initiated undergrounding projects in Q2.

Key Actions: No undergrounding projects were proposed or initiated in Q2.

Asset Inspection
GD_30
**3rd Party Ground Patrol
On Track**

3rd Party Ground Patrol:

Volume vs 2024 Goal: BVES plans to conduct 205.0 circuit miles of 3rd party ground patrol inspection in 2024.

Key Actions: BVES has a contract in place to conduct 205.0 circuit miles of 3rd party ground patrol inspection in Q3 and is on track to meet its target for 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 in 2024.

Key Actions: BVES has a contract in place to conduct 850 intrusive pole inspections in Q3 and is on track to meet its target for 2024.

Asset Inspection
GD_32
**Substation Inspections
Ahead of Plan**

Substation Inspections:

Volume vs Q2 2024 Goal: BVES plans to conduct 144 substation inspections in 2024.

Key Actions: BVES conducted 78 substation inspections exceeding its Q2 target of 72 and is ahead of schedule for 2024.

Equipment Maintenance
and Repair
GD_33
On Track

Equipment Maintenance and Repair:

Volume vs 2024 Goal: Equipment maintenance is conducted as needed.

Key Actions: BVES conducted maintenance as needed.

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.
Key Actions: BVES continues to update its Asset Management and Inspection Enterprise System.

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 procedures. 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 2024 Goal: BVES plans to complete 20 asset QCs on WMP work in 2024.
Key Actions: BVES completed 10 asset QCs as of Q2 and is on track 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 procedures. 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 Q2.

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 in 2024.
Key Actions: BVES has completed 166 poles replacements as of Q2 and 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 Q2. BVES also engaged an expert consultant to review BVES's protective settings and make recommendations to reduce the likelihood of ignitions.

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 Ahead of Plan

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, which includes replacing 70 poles.
Key Actions: BVES received clearance from the USFS for the project. BVES began construction in May 2024 and replaced 10 poles as of Q2 exceeding its target for Q2. BVES is ahead of schedule to complete this project by the end of 2024.

Distribution Pole Replacement and Reinforcement
GD_6
Evacuation Route Hardening Project Met Target

Distribution Pole Replacement and Reinforcement:
Volume vs 2024 Goal: BVES plans to complete install wire mesh on 500 poles in 2024.
Key Actions: BVES installed wire mess wrap on 991 poles as of the end of Q2 exceeding its 2024 target.

Transmission Pole/Tower Replacement and Reinforcement
GD_7
Not Applicable

Transmission Pole/Tower Replacement and Reinforcement:
Volume vs 2023 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 metrics. Overhead hardening work is performed as needed in response to inspection findings and emergent conditions.
Key Actions: BVES conducted as-needed maintenance throughout Q2.

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.