



Bear Valley Electric Service, Inc.
P.O. Box 1547
Big Bear Lake, CA 92315-1547
A Subsidiary of American States Water Company

Via Electronic Mail

December 2, 2025

Caroline Thomas Jacobs
Director
Office of Energy Infrastructure Safety
715 P Street
Sacramento, California 95814
Caroline.ThomasJacobs@energysafety.ca.gov

Subject: Bear Valley Electric Service, Inc. Request for 2025 Certificate Pursuant to Public Utilities Code Section 8389

Dear Ms. Jacobs:

Section 8389(b)(2)(A) of the Public Utilities Code¹ provides that an electrical corporation seeking a subsequent certificate² must submit a request to the Office of Energy Infrastructure Safety (“OEIS” or “Energy Safety”) prior to the expiration of an existing certificate. Bear Valley Electric Service, Inc. (“BVES” or “Bear Valley”) was previously granted a safety certification on December 11, 2024. The Safety Certification Guidelines (“Guidelines”) issued by OEIS in April 2025 states that an electrical corporation seeking a Safety Certification must submit its Safety Certification request according to a separate schedule issued by Energy Safety.³ Energy Safety issued a Schedule for the 2025 Certificate requests, which requires Bear Valley to submit its request for a 2025 Certificate by December 2, 2025⁴. Thus, this request is timely filed.

Section 8389(b)(2)(A) provides that OEIS shall issue a certificate if the electrical corporation has provided documentation that it has satisfied the requirements of Section 8389(a). In addition, the Guidelines provide further guidance on satisfying the statutory requirements.⁵ This letter summarizes how BVES meets all the relevant requirements of Section 8389 and the Guidelines, as further documented by the supporting materials referenced herein or attached hereto.

¹ All statutory references herein are to the California Public Utilities Code, unless specifically stated otherwise.

² Section 8389(b)(2)(A), as amended by SB 254, uses the term “certificate”, whereas the Guidelines, which were issued prior to the passage and enactment of SB 254, uses the term “Safety Certificate.” Use herein of the terms “certificate,” “Safety Certificate,” “Safety Certification” or any similar derivation thereof are intended to be synonymous.

³ Office of Energy Infrastructure Safety’s Safety Certification Guidelines (Version 1.0 April 2025), p. 7.

⁴ Office of Energy Infrastructure Safety letter of November 7, 2025 regarding “2025 Certificate Request Submission Schedule.”

⁵ The Guidelines were issued prior to the passage and enactment of SB 254. The Guidelines have not been updated since the passage and enactment of SB 254 modifying Section 8389. Nevertheless, BVES has attempted to comply with both the updated provisions of Section 8389 and the Guidelines.



BVES respectfully requests a certificate in accordance with Section 8389 and the Guidelines. Pursuant to Section 8389(b)(4), Bear Valley's existing certificate shall remain valid until OEIS acts on this request for a certificate.

1. An Approved Wildfire Mitigation Plan (Section 8389(a)(1)).

BVES submitted its 2023-2025 Base Wildfire Mitigation Plan ("2023-2025 WMP") to OEIS on May 8, 2023. On November 6, 2023, OEIS issued its final decision approving Bear Valley's 2023-2025 WMP. In Resolution SPD-18, dated December 14, 2023, the California Public Utilities Commission ("Commission") ratified Energy Safety's final decision approving Bear Valley's 2023-2025 WMP.

BVES submitted its 2025 Wildfire Mitigation Plan Update ("2025 WMP Update") to OEIS on May 29, 2024. On October 21, 2024, OEIS issued its final decision approving Bear Valley's 2025 WMP Update. In Resolution SPD-28, dated January 17, 2025, the Commission ratified Energy Safety's final decision approving Bear Valley's 2025 WMP Update.

BVES submitted its 2026-2028 Base Wildfire Mitigation Plan ("2026-2028 WMP") to OEIS on April 18, 2025. On November 4, 2025, OEIS issued its decision approving of Bear Valley's 2026-2028 WMP⁶.

This documentation satisfies the requirement in the Guidelines that in an electrical corporation's 2025 Safety Certification submission, the electrical corporation must document the date of its most recently approved WMP or update, and the date it was approved by Energy Safety.⁷ A copy of Bear Valley's approved 2023-2025 WMP and 2025 WMP Update is available on Bear Valley's public website at www.bvesinc.com.

2. Implement Safety Culture Assessment (Section 8389(a)(2)).

Section 8389(a)(2) provides that in order to receive a certificate, the electrical corporation must provide documentation that the electrical corporation has agreed to implement the recommendations of its most recent safety culture assessments performed pursuant to Section 8386.2, if applicable.

According to the Guidelines, in its certificate request, an electrical corporation must document its agreement to implement the findings of its most recent safety culture assessment ("SCA") undertaken by Energy Safety or its contractors. If a safety culture assessment has been carried out pursuant to Section 8386.2, the electrical corporation must also document in its request an agreement to implement the findings of that safety culture assessment.⁸

2023 SCA: On March 22, 2024, OEIS issued a Safety Culture Assessment ("2023 SCA") report to BVES. In a March 25, 2024 letter to OEIS, BVES agreed to implement all of the findings and

⁶ Office of Energy Infrastructure Safety Decision on Bear Valley Electric Service, Inc. 2026-2028 Base Wildfire Mitigation Plan (November 4, 2025).

⁷ Office of Energy Infrastructure Safety's Safety Certification Guidelines (April 2025), p. 3.

⁸ Office of Energy Infrastructure Safety's Safety Certification Guidelines (April 2025), p. 3.



recommendations for improvements in its 2023 SCA. It is the most recent completed Safety Culture Assessment for BVES.

On May 1, 2024, BVES filed with Energy Safety and the Commission Bear Valley's Q1 2024 BVES Quarterly Notification Letter ("QNL") to the OEIS Regarding Bear Valley's Implementation of its WMP Pursuant to Public Utilities Cost Section 8389(e)(7) ("Q1 2024 QNL"). The Q1 2024 QNL reported the actions initiated to implement the recommendations of the 2023 SCA report, as described below. BVES provided updates on implementing the 2023 SCA recommendations in the QNLs:

- Bear Valley's Q2 2024 BVES QNL filed on August 1, 2024 filed with Energy Safety and the Commission.
- Bear Valley's Q3 2024 BVES QNL filed on November 1, 2024 filed with Energy Safety and the Commission.
- Bear Valley's Q4 2024 BVES QNL filed on February 3, 2025 filed with Energy Safety and the Commission.

On May 1, 2025, BVES filed with Energy Safety and the Commission Bear Valley's Q1 2025 BVES QNL reporting that BVES had fully completed implementing the 2023 SCA recommendations.

Energy Safety recommended in 2023 SCA: *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.

In response to this recommendation, BVES implemented a strategy to further improve contractor safety culture as follows:

- Bear Valley reviewed the SCA reports for 2021, 2022, and 2023 regarding contractor performance at BVES and at other California electric investor-owned utilities (IOUs) and found the results at BVES were (1) unchanged over the last three years and (2) consistently lower than the other IOUs that performed similar SCAs over the last three years.



- BVES built upon the measures it had already put in place to improve contractor safety culture and added in the following additional actions:
 - Meet with contractor leadership and go over the 2023 SCA as well as past SCAs. (Completed in June 2024.)
 - Conduct listening sessions to better understand and respond to contractor perceptions. (Completed in November 2024.)
 - Increase presence of leadership at job sites to witness challenges encountered by contractors. (Implemented in July 2024 and ongoing.)
 - Increase training to improve the ability of frontline supervisors to communicate effectively with contractors and ultimately improve the safety culture among contractors. (Completed in July 2024.)
 - Conduct training to make sure contractors understand how their work is an integral part of the BVES Wildfire Mitigation Plan and impacts public safety. (Completed in November 2024.)
 - Reach out to other investor owned utilities (IOUs) to develop best practices for improving contractor safety culture. (Completed in January 2025.)
 - Add "Contractor Engagement Strategy" as a BVES Safety Culture Objective in Bear Valley's 3-year Safety Culture Plan (fully achieve objective by 2026). (Completed in September 2024.)

Energy Safety recommended in 2023 SCA: *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 implemented a strategy to address the 2023 SCA 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 built upon actions taken to improve the Design and Construction business unit's relatively low scores on the 2022 SCA workforce survey and included the following actions:

- Conduct listening sessions to better understand and respond to Engineering & Planning perceptions. (Completed in July 2024.)
- 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. (Completed in September 2024. One-on-one employee meetings are now an ongoing process year round.)

- Increase training to reinforce the elements that promote improved safety culture and safety related communications. For example, BVES President continues 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 safety standards that might in any way 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;
 - 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 safety standards and put worker or public safety at risk;
 - Discuss the importance of focusing on one task at a time and avoiding distractions. Explain that while multi-tasking is present in our 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; and
 - 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. (Completed in November 2024.)

Energy Safety recommended in 2023 SCA: 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 has implemented the following plan of action to Strengthen Safety-Enabling Systems:

- Develop and implement improved protocols for responding to safety events (near misses and hazards), including their reporting to management. (Completed in June 2024. "Near Misses" are now referred to as "Safety Improvement Opportunities" at BVES to encourage employees to self-report.)



- 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. (Completed in November 2024.)
- 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.). (Completed in August 2024.)
- Incorporate “safety improvement opportunities” (near-miss and hazard) reporting into Bear Valley’s behavior-based safety program implementation. (Completed in January 2025.)
- Set up a training class to introduce Behavioral Based Training for the operations crews. (Completed in February 2025.)

2024 SCA: In January and February 2025, Bear Valley employees and its contractors completed the 2024 SCA surveys and Bear Valley provided requested safety culture assessment materials requested by Energy Safety and its SCA contractor. As of the date of this submittal, OEIS’s report of the 2024 SCA was still pending to be issued.

3. Board Safety Committee and Safety Reporting (Sections 8389(a)(3) and 8389(a)(5)).

To receive a certificate, Sections 8389(a)(3) and 8389(a)(5) require that an electrical corporation provide documentation that it meets two requirements related to its Board of Directors. Section 8389(a)(3) requires that the electrical corporation’s Board of Directors have a safety committee composed of members with relevant safety experience. To ensure that this requirement is satisfied, in compliance with the statutory requirement and the 2025 Guidelines, BVES provides the following:

1. *Safety Committee Member Resumes.* The resume for each Safety and Operations Committee (“Safety Committee”) Board member is attached as Appendix A, clearly indicating each member’s relevant safety experience.
2. *Safety-Related Education and Experience of Committee Members.* A summary of the safety-related education and experience for each Safety Committee member that is relevant to their role at BVES is attached as Appendix B.
3. *Safety Committee’s Role in Overall Corporate Governance.* A description of how the Safety Committee functions within Bear Valley’s governance structure and its role with respect to BVES decision-making and accountability is attached hereto as Appendix C.
4. *Report on Significant Topics Covered by the Safety Committee Since Issuance of Last Safety Certification.* A report on significant topics covered by the Safety Committee since the issuance of the last Safety Certification is attached hereto as Appendix D.
5. *Description of Safety Committee Recommendations and Implementation.* A description of any Safety Committee recommendations and an indication that BVES has implemented these recommendations since issuance of the last Safety Certification are attached hereto as Appendix E.



As required by Section 8389(a)(5), BVES has established board-of-director-level reporting to the Commission and OEIS on safety issues. As required by the Guidelines,⁹ attached hereto as Appendix F are details of the Guideline-required public meeting, including the agenda of topics to be covered, and all materials used and/or referenced in such public meeting to document that BVES has met this requirement. As further required by the Guidelines, a Board member, along with the chief safety/risk officer (or equivalent), briefed the Commission and Energy Safety on safety performance at such public meeting.

4. Executive Compensation (Sections 8389(a)(4) and 8389(a)(6)).

To receive a certificate, Sections 8389(a)(4) and 8389(a)(6) require that an electrical corporation has established an executive compensation structure that meets the statutory requirements of those code sections and has been approved by OEIS.

On October 4, 2024, BVES received the OEIS final decision approving BVES's 2024 Executive Compensation Plan.

On May 23, 2025 Bear Valley filed BVES's 2025 Executive Compensation Plan Submission in accordance with the OEIS Executive Compensation Structure Submission Guidelines Version 1.0, dated April 2025. On July 10, 2025 Bear Valley filed Revision 1 to BVES's 2025 Executive Compensation Plan Submission as requested by OEIS.¹⁰

As of the date of this submittal, OEIS's final decision on BVES's 2025 Executive Compensation Plan was still pending.

5. Implementation of Wildfire Mitigation Plan (Section 8389(a)(7)).

To receive a certificate, Section 8389(a)(7) requires that an electrical corporation provide documentation that it is implementing the mitigation strategies in its approved wildfire mitigation plan ("WMP"). It further provides that the electrical corporation must file a notification of implementation of its WMP to OEIS, and an information-only submittal to the Commission, on a quarterly basis detailing the implementation of both its approved WMP and the recommendations of its most recent Energy Safety and Commission safety culture assessments, and a statement of the recommendations of the Board of Directors' Safety Committee meetings that occurred during the quarter. The notification and information-only submittal shall also summarize the implementation of the Safety Committee recommendations from the electrical corporation's previous notification and submission. The electrical corporation shall also provide a copy of the information-only submittal to OEIS. In compliance with the above-requirements, Bear Valley's quarterly notification letters ("QNLs") to OEIS, with copies to the Commission, were submitted as follows:

- Q3 2024 on November 1, 2024,
- Q4 2024 on February 3, 2025,
- Q1 2025 on May 1, 2025,

⁹ Office of Energy Infrastructure Safety's Safety Certification Guidelines (April 2025), p. 4.

¹⁰ Office of Energy Infrastructure Safety (Lorin Sabin, Program and Project Supervisor | Electrical Undergrounding and Culture Division) email of July 1, 2025 to BVES (Paul Marconi, President).



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- Q2 2025 on August 1, 2025, and
- Q3 2025 on November 3, 2025.

Copies of the QNLs are attached hereto as Appendix G.

In conclusion, for all of the foregoing reasons and associated documentations, BVES respectfully requests that OEIS issue a certificate to BVES in accordance with Section 8389 and the Guidelines.

Please feel free to contact me if you have any questions regarding these materials.

Respectfully submitted

/s/ Paul Marconi
President, Treasurer and Secretary
Bear Valley Electric Service, Inc.

Cc: 2025 Safety Certifications Docket (2025-SCs)

APPENDIX A

SAFETY COMMITTEE MEMBERS

CURRICULUM VITAE

Paul A. Marconi

LinkedIn profile: www.linkedin.com/in/pmarconi

Summary: Excellence in operational leadership of businesses, customer programs, production facilities, power plants, personnel, technical programs, and engineering projects. Specializes in developing and leading Teams to achieve **Operational Excellence**.

- President of a regulated investor owned utility (IOU) with accountability for P&L, operations, energy supply, financial performance, regulatory compliance, customer service, public relations and leadership of employees.
- Captain of a Los Angeles Class attack nuclear submarine and Base Commander of major Navy nuclear submarine base.
- Director of Operations of engineering and software business unit in oil & gas and power generation with P/L accountability.
- Operations & Planning Manager for electric power generation, transmission and distribution of a regulated IOU.
- Proven management of large matrix organizations (800+personnel), high value assets (\$2B+), programs (\$1B+), projects (\$500MM+) and operating budgets (\$104MM+) in defense, power generation (nuclear, fossils, renewables) and oil & gas.
- Significant experience in risk based methodologies, reliability engineering, mechanical integrity, predictive & preventive maintenance, inspection & remediation programs, outage planning & execution & operator behavioral performance programs.
- Business development leader with excellent sales growth – raised contracted backlog by 22% and sales pipeline by 46%.
- Change leader who implemented Geographic Information Systems (GIS), Outage Management System (OMS), Supervisory Control & Data Acquisition (SCADA), Enterprise Resource Planning (SAP), PeopleSoft Financials & HR Manager (Oracle), Customer Relationship Management (CRM – MS Dynamics), Voice of Customer (Net Promoter Score) and ISO 9001 QM.
- Strong record of building high performance technical teams, establishing operational excellence and achieving goals. Skilled in budgeting for profit, strategic planning, managing operations and production, leading continuous improvement and quality programs, managing change, cost control strategies, capture management, and building and managing Customer relationships.

Converts high-level strategic goals into day-to-day measurable and executable tasks. Motivates Team to deliver results.

Skills: Executive Leadership; Strategic Planning; Business Development; Business Operations (P/L); Budgeting & Forecasting; Program & Major Project Management; Risk-Based Decision Making; Team Building, Mentoring, Personnel Management; Engineering & Technology; Equipment Reliability & Asset Mechanical Integrity; Power Plant and Oil & Gas Operations; Environmental, Safety & Code Compliance; Training; Leading Change, Program Implementation; Sales Proposals, Vendor/Supplier Qualification, Contracts & Negotiation; Continuous Process Improvement, Quality Management Systems, Root Cause Analysis; Business Analytics, Metrics, Optimization; Strategic Messaging, Public Speaking; Customer Relationship Management; Voice of Customer Programs; Global Business; Government, Defense & Energy, Undersea Operations.

Education: M.S. Engineering Management, Catholic University of America, May 2001 (GPA: 4.0)
B.S. Chemical Engineering, Tufts University, May 1984 (Cum Laude GPA: 3.03)

Languages: English (fluent), Italian (fluent), Spanish (past fluency), French (past fluency)

Experience:

Bear Valley Electric Service, Inc. (subsidiary of American States Water Company) Big Bear Lake, CA
(6/2014 – Present) California regulated investor owned utility (IOU) providing electric generation, transmission and distribution in Big Bear Lake Valley to 24,500+ customers.

President, Treasurer, Secretary, Board Director, & Safety & Operations Committee Chairman (7/2020-present) Reports directly to Company's Board of Directors, BVES Inc. and absolutely accountable for the Profit and Loss (P&L) results of BVES, Inc. and directing the overall operations of BVES, Inc., earning an adequate rate of return for BVES, Inc., as well as developing and executing strategic plans with a 5±year horizon.

- As President performs duties of the chief executive officer of the corporation and has, subject to the control of the Board, general supervision, direction and control of the business and officers of the corporation.
- As Treasurer performs the duties of the chief financial officer of the corporation.

Director (8/2016-6/2020) Reports to CEO/President, GSWC with absolute accountability for management of the Electric Division including operations, planning, financial management and supervision of work performed by staff, consultants and contractors. Accountable for achieving P&L goal including authorized ROR, target EPS, and growing Rate Base.

- Led 48 full-time employees & contractors including energy & business analysts, customer service, accounting & purchasing, engineers, planners, IT tech, IBEW union linemen and power plant operators to produce a remarkable record of achievement. Established culture focused on excellence in quality of service to customers, safety, and maximizing shareholder value through superior financial performance by innovative solutions, staff empowerment to resolve challenges, minimizing life-cycle costs, conserving resources, and leveraging diversity among employees and vendors. Provided direct leadership on development and timely filing of General Rate Case (GRC) 2018-2022 – a significant undertaking for BVES' small staff. Worked constructively with legal support and specialized consultants to ensure testimony substantiated base revenue requirements, rate design and cost allocation, cost of capital & rate of return proposal, capital projects, staff reorganization, and special programs. Implemented tight process control ensuring all communications with Commission and intervening parties were documented and ensured over 70 intervenor requests were responded to in accurate and timely manner. Personally prepared substantial testimony on results of operations, operations & maintenance, capital projects and risk-based decision making process. Prepared rebuttal testimony in these areas in response to intervenor testimony. Key player in productive settlement discussions. Coordinated effective forward leaning public engagement strategy with positive results.
- Demonstrated strong leadership and management in the area of reducing the risk to wildfires for the BVES service area. Implemented detailed and highly effective strategy to mitigate utility caused wildfires. Presented his program to Board of Directors (ASWC). Supported study to ensure insurance coverage was sufficient to protect the Company in the event of a wildfire. Developed Wildfire Mitigation Plan per SB-901 and presented the plan to the President of the Commission, other Commissioners, Deputy Director CAL FIRE, Deputy Executive Director Safety Enforcement Division, and other parties to the WMP proceeding. Developed detail risk evaluation model for each proposed wildfire mitigation measure to quantify the risk reduction and the risk spend ratio to better inform the decision making process on which mitigation measures to implement and the timeframe to execute them. Tracked wildfire legislation and regulation developments in the legislature and at the CPUC and provided updates to the Board of Directors. BVES's comprehensive WMP included innovative projects setting new trends in the T&D industry sector such as: Fuse Upgrades, Tree Attachment Removal Project, Pole Loading Assessment & Remediation Program, Radford Line Covered Conductor Replacement Project, Covered Wire Installation Program, Install Remote Weather Stations, Additional On-Ground Inspection, Electrical Preventative Maintenance Program, and LIDAR Inspection.
- Key player on project team for a reorganization plan to spin BVES off from being a division of Golden State Water Company to a separate, direct subsidiary under American States called BVES, Inc. Participated in the due diligence effort, which was critical to senior management's decision making on whether or not to proceed with the effort. Provided support in developing the application filed with the CPUC to gain approval for the reorganization. Worked closely with public relations firm to develop stakeholder, public and employee engagement and messaging strategy. Gained IBEW Local 47's support for the proposed reorganization and obtained their commitment to send a letter of support to the CPUC. Engaged local government officials, state assembly member, and state senator to inform them of the reorganization. Oversaw a myriad of transition details including transfer of power purchase agreements, contracts, franchise agreements, environmental and operating permits, and physical property and easements; development of BVES Inc. policies and procedures; establishing mechanisms to transition logos, website, social media, and other customer and stakeholder media; and working with accounting and IT department to ensure processes in place to cutover customer billing and accounting system applications.
- Led efforts to develop 7.9 MW AC single axis tracking utility owned solar generating facility and made significant progress toward achieving project approval that will benefit all stakeholders (landowner, customers and BVES). Negotiated purchase sales agreement and developed application for facility construction to CPUC. Led all aspects of business case development, contracting an EPC, permitting, legal representation, ITC recoupment and engineering design and permitting. Briefed numerous stakeholders on the project to gain their support including GSWC Board of Directors, BBARWA Board of Directors, City of Big Bear Lake City Manager, California Public Advocate, and CPUC Energy Division. Worked closely with General Electric (EPC) in conducting preliminary CEQA and site surveys. Participated in settlement negotiations with California Public Advocate and reached a settlement agreement, which was presented to the ALJ for the CPUC proceeding. Engaged public relations firm to conduct public engagement for the project. Conducted several media interviews regarding the project as well as talks with various community groups.
- Oversaw the innovative development of annual and seasonal long-term power purchase agreements and the associated application to the CPUC for approval. The executed PPAs reduce BVES's long-term fixed power supply costs (when compared to previous PPAs) by 12.8% or \$4,016,087 over 5 years, which translates into a reduction in system average rate (SAR) of 2.07%. His Team looked at the value and risk propositions of fixed, shaped and variable power purchase products and developed the combination that provides the best value for BVES customers based on forecasted load. Played a key role in negotiating the final PPA terms and conditions with energy suppliers to allow for the novation of the PPAs upon the close of the BVES Inc. transaction. Oversaw Integrated Resource Plan(IRP) development.
- Expertly managed Transportation Electrification (TE) application to CPUC on a very tight timeline. Worked with consultants to develop two TE pilot programs that install electric vehicle (EV) charging stations and institute time-of-use

(TOU) rates relevant to the BVES service area. Provided oversight in producing direct testimony to support the programs and rebuttal testimony to intervening party testimony. Led settlement talks and quickly reached common ground with interveners to settle.

- Implemented BVES's risk-based decision-making framework to evaluate safety & reliability risks and to ensure GRC mitigates high risk issues. Drafted BVES's Risk Management Manual, which CPUC adopted as template for small California IOUs. Presented BVES's program at CPUC En Banc to other utilities and public as guest speaker and panelist.
- Led efforts to file an application to CPUC to put in place a Distributed Generation tariff for customer owned renewable sources. The program replaced the Net Energy Metering (NEM) program, which closed January 1, 2018. In the DG program, customers are to be compensated based on the 12-month average Net Surplus Compensation Rate published by SCE (CAISO requirement) plus avoided transmission access costs and avoided line losses. True-up will be monthly instead of annually. Additionally, the NEM program agreements were formally capped to 20 years at which point existing NEM customers would transition to the DG tariff. This application was not opposed and was approved by the CPUC as requested.
- Working closely with Regulatory Affairs, he was highly involved in current state regulatory issues including: R.5-02-020 OIR on Further Development of Renewables Portfolio Standard Program, R.14-08-013 OIR on Distribution Resources Plan, R.15-05-002 OIR on Risk Based Decision Making, R.15-05-006 OIR on Fire Safety Maps and Prevention Measures, R.15-06-009, OIR Physical Security of Electric Utility Facilities, R.16-02-007 OIR on Integrated Resource Planning, R.17-05-010 (issued May 19, 2017) OIR to Consider Revisions to Electric Rule 20 and Related Matters, I.17-06-027 and R17-06-028, OIR into the Creation of a Shared Database or Statewide Census of Utility Poles and Conduit in California, R.17-07-007 OIR to Consider Streamlining Interconnection of Distributed Energy Resources and Improvements to Rule 21, R.17-10-010 OIR to Consider Amendments to General Order 95, R.18-03-011 OIR Regarding Emergency Disaster Relief Program to Support California Residents, R.18-04-018 OIR to Evaluate the Mobile Home Park Pilot Program and to Adopt Programmatic Modifications, R.18-04-019 OIR Strategies and Guidance for Climate Change Adaptation, R.18-07-005 OIR New Approaches to Disconnections and Reconnections to Improve Energy Access and Contain Costs, R.18-10-007 OIR to Implement Electric Utility Wildfire Mitigation Plans Pursuant to Senate Bill 901, R.18-12-005 OIR to Examine Electric Utility De-Energization of Power Lines in Dangerous Areas, R.19-07-017 OIR to Consider Authorization of a Non-By Passable Charge to Support California's Wildfire Fund, and I.19-11-013 OIR on the Commission's Own Motion on the Late 2019 Public Safety Power Shutoff Events.
- Worked hard to engage local leadership and stakeholders improving Company's public image. Held office calls with local leaders including State Senator Mike Morrell, State Assemblyman Jay Obernolte, City of Big Bear Lake Mayor and Councilmen, County Supervisor, and City Manager. Conducted numerous interviews with local media (radio and newspaper) generating positive press about BVES. Spoke about the Company at various local groups and organized community events such as Earth Day gatherings showcasing along with sponsors environmental stewardship. Launched BVES's Facebook platform reaching over 1,700 customers in first 2 weeks and providing daily updates to community.
- Expertly managed short notice change to Mobile Home Park (MHP) conversion pilot project when the designated MHP (90 units) was changed to a 250 unit MHP, a \$5.2 million project. Typically, a 24-month project, his Team designed the project, contracted beyond-the-meter work and underground infrastructure, procured materials and equipment, and installed distribution system within 7 months.
- Implemented 5-year strategy to insert technology into BVES grid to improve safety, reliability and quality of electric service. Geographic Information System (GIS), Outage Management System (OMS), and Interactive Voice Recognition (IVR) System were fully deployed. Instituted significant customer website upgrade including fillable online forms. Established a \$3.9 million project to install a fiber optic network in BVES's service area and automate the grid.
- Promoted staff reorganization to modify 5 positions and eliminate 3 positions in order to better fit requirements of a safety and reliability focused; data driven; and advanced technology oriented electric utility. Plan reduced costs ~\$165,000/yr.
- Worked closely with HCM experts to resolve sensitive staff issues and ensure qualified replacements were hired.
- Maintained productive and excellent working rapport with IBEW Union representatives and settled with the union to establish a 3-year contract, which ratified in January 2018, keeping wages slightly under CPI.
- Established 3-year \$2,600,000 competitively bid contract significantly improving vegetation management program well ahead of changes in CPUC regulations. Improvements increased clearance zones around power lines, established "blue sky" requirement for 34.5 kV system, implemented program to remove dead trees outside the clearance zone that might fall into power lines, and significantly improved documentation of tree trimming activities.
- Ensured numerous regulatory compliance reports were submitted accurately on time to CPUC, Environmental Protection Agency(EPA), South Coast Air Quality Management District(SCAQMD), California Independent System Operator(CAISO), California Air Resources Board(CARB), State Water Resources Control Board(SWRCB), Energy Information Administration (EIA), California Energy Commission(CEC), Federal Energy Regulatory Commission(FERC), and U.S. DOE.
- Proven strong operational leadership in coordinating restoration activities during major outages focusing on public safety first, restoration of service and keeping Company officials, local community leaders and customers informed. During

Holcomb Fire, which resulted in a loss of BVES's main transmission supply, he rallied Staff to dispatch the generation facility, energize an alternate supply line and implement rotating outages to minimize impact on customers. In aftermath, he presented BVES's actions to City of Big Bear Lake City Council and received praise for the Company's efforts.

Operations & Planning Manager (6/2014 – 8/2016): Reports to Director, BVES with total accountability for generation, transmission and distribution operations, maintenance, engineering planning and design, and site IT.

- Walked into budget deficit and implemented cost controls to achieve \$1.4MM in savings (surplus) on a \$12.6MM budget in 1st 6 months resulting in BVES' 2014 ROR being 11.66% in excess of adopted ROR (8.60%).
- Masterfully managed \$19.6MM capital budget extracting maximum value for shareholders and ratepayers.
- Established frame work for risk based decision making process for asset management, system operations and capital improvement planning.
- Expertly led 24 employees (engineers, planners, IT techs, union linemen and power plant operators) to deliver safe reliable service. Achieved reliability of >99.99%, SAIDI at 48.2 min., and increased power plant availability from 57.1% to 95.8%.
- Managed a highly complex \$10 MM+ major overhead to underground distribution conversion project along 3 miles of the principal roadway at Big Bear Lake. Successfully completed a complete rebuild project (\$1.4 MM) of a major substation to double its capacity and insert state-of-the-art technology including SCADA monitoring and controls.
- Developed strategic 5-year roadmap to convert BVES distribution grid into a smart grid. Initiated implementation of GIS to establish distribution management system (DMS) and designed communications backbone for grid.
- Developed reliability reporting requirements for California IOUs on joint rulemaking working group. Personally drafted proposed General Order for CPUC on reliability indices (SAIDI, SAIFI, MAIFI and CAIDI) recording and reporting.
- Key player in developing 2017 General Rate Case to Public Utilities Commission (PUC) and responsible for assisting in developing 4-year operating and maintenance expense budget, staffing plan, and \$27.8MM capital investment plan.
- Established safety program focused on leading indicators (jobsite inspections, tailboards, equipment checks, and training).
- Renegotiated power plant operating permit to eliminate CEMS requirement realizing over \$130,000/yr. savings.
- Interfaced with media and city officials to promote BVES projects. Established cooperation with school district on science, technology, engineering and mathematics (STEM).

Intertek – Asset Integrity Management (AIM)

Houston, TX (4/2012 – 6/2014)

Delivers mechanical integrity services and products including high-end engineering assessments; reliability engineering; risk based inspection and maintenance programs; integrity database management; advanced non-destructive testing and inspection; process safety management; laser scanning; materials laboratory analysis and software products in the power generation and oil & gas sectors.

Director of Operations (1/2013 – 6/2014): Reporting to VP AIM with total P/L responsibility for engineering services (\$17.8MM) and software products (\$6MM). Accountable for all operations including sales and service/product delivery.

- Directed 73 subordinate engineers, technicians, programmers, business development, accounting, and administrative personnel in three major offices and laboratories (Houston, TX, Sunnyvale, CA and Edmonton, AB).
- Developed business development strategy elevating backlog by 22% and sales pipeline by 46%. Increased net margin to 18.1% (6.4% increase) through effective cost controls and improved price points. Made Customer focus top priority using Net Promoter Score to track Customer satisfaction. Established key metrics and indicators to guide business decisions.
- Led all aspects for change management to implement PeopleSoft Financial & HR modules and Customer Relationship Management (MS Dynamics) global system. First in Intertek to use these systems. Gets people onboard with new systems.
- Laser focused on "Getting Right Team in Place." Restructured group into matrix organization optimizing specialist utilization across projects. Cut obsolete services and recruited profitable consulting engineers. Instituted standard processes.
- Negotiated and approved all project contracts in accordance with corporate risk mitigation guidance. Ts&Cs approver.
- Key player on corporate cross functional team for an acquisition of an advanced nondestructive testing firm (\$180MM+).

Senior Project Manager (4/2012 – 12/2012): Reporting to Power Group Director was responsible for 21 Project Managers.

- Raised net margin on 140+ projects from 9.4% to 23.2% in 7 months through persistent intrusive leadership and instituting processes for budgeting, expense tracking and work progress tracking. Implemented ISO 9001 QMS. Drafted QMS manual. ASME NQA-1/ANSI N45.2 Nuclear Lead Quality Auditor. Established HSE industrial facility training program.

- Experienced in advance technical methodologies including: HRSG, boiler and high energy piping; ASME B31.1 & 31.3, Tube-AlertSM; TubeMod®; Risk Based Inspection; Equipment Life Optimization; Cost of Cycling; COSTCOM®; AWARETM; NDE (automated UT–mechanized angle beam, time of flight diffraction, phased array; pulsed eddy current); integrity mitigation programs (creep, stress, hydrogen induced and flow-accelerated corrosion); and welding and metallurgical testing (fractographic and micro structural evaluation with scanning electron microscope and energy dispersive element analysis). Well versed in code and standard requirements including ASME, API and NACE.

Envirepel Energy, Inc.
San Diego, California (7/2011 - 4/2012)

Startup company founded to convert waste streams into clean renewable energy (electricity & bio-fuels) without environmental damage.

VP of Operations (7/2011 - 4/2012): Reporting to CEO was responsible for all operations including power generation, supply chain; business development; projects; maintenance; compliance; financing, budgeting & forecasting; procurement and HR.

- Managed construction for 0.5MW R&D and 2.8 MW biomass waste-to-energy units. Developed operating & maintenance procedures; process flow & identification drawings; plant instrument & controls; and control software and displays.
- Prepared all project proposals including workbook pro forma linked chemical, heat and material balances detailing all financial and engineering aspects. Delivered investor presentations and prepared stock offering documents.

U.S. Navy: Nuclear Submarine Force
Various U.S. and Overseas locations (6/1984 - 7/2011)

World's most formidable and advanced fleet of nuclear attack and ballistic missile submarines performing national security missions. Held operational and engineering senior leadership positions of progressively increased responsibility and authority including:

Commanding Officer, Naval Base Point Loma San Diego, CA (7/2008 - 7/2011)

Chief Executive of multi-mission base (\$2.3B PRV) and large matrix organization (800+ military & civilian (union) staff) supporting 115 tenant commands with 22,000 personnel in 2,200 facilities on 1,803 acres including: 7 nuclear submarines; ship maintenance facility and dry-dock; 1M BBL fuel depot; deep-draft port; torpedo/missile armory; R&D complex with 8,000+ scientists & engineers; training schools; security force; barracks; and 3,200 homes. Directed \$104MM/yr. budget.

- #1 of 10 bases in SW Region for **Customer Service & Operational Excellence**. Above Average 3 yrs. straight on Senior Leadership Customer Survey. Awarded Legion of Merit for excellence and improvements achieved in Command.
- Managed \$506MM modernization and renewable energy projects including construction of 1M BBL fuel depot, R&D facilities, 30MW in new PV systems and deep draft pier restructuring. Responsible for environmental compliance (air, storm-water, waste, noise) for industrial and nuclear activities in California coastal zone. Led public relations gaining Congressional, state and community buy-in on environmental clean-up plan for 5M gallon underground fuel plume.
- Implemented Enterprise Resource Planning (ERP) program (SAP) base-wide integrating with Navy business enterprise.
- Applied LSS reducing utilities by 42% saving \$14MM/yr. Wired smart-grid technology to 2,200 facilities, established usage awareness programs and funded high ROI conservation projects. Earned Secretary of Navy Energy and Water Conservation Award 3 yrs. straight and 2011 Federal Energy and Water Management Award (Department of Energy).
- Led strategic plan to capture stakeholder requirements; assess capability gaps and optimize resource allocation. Improved base support and saved clients \$33MM by merging processes. Changed Navy's plan of record from building new facilities to refurbishing excess buildings for Mine Warfare mission transfer to San Diego saving \$27MM+ and 2 yrs. in construction.

International Programs Group Leader, Office of Secretary of Defense, Washington, DC (8/2006 - 6/2008)

Reported to Deputy Assistant to Secretary of Defense (Nuclear Matters). SME for international nuclear issues to the Secretary of Defense. DoD Program Manager for nuclear weapons and energy international agreements and treaties. High-level briefer.

- Developed major policy shift for U.S.-U.K. nuclear weapons program and obtained U.S. President and U.K. Prime Minister approval to enabled collaboration on follow-on Trident missile program and submarine launch design (\$50B+).
- Led technology cooperation on atomic issues with France. Developed robust relationship between Commissariat à l'énergie atomique (CEA) and Department of Energy. Coordinated Cabinet-level engagements with U.K., France and Russia on counter nuclear-terrorism preparing high-level briefs and policy issue papers. Led major exercise to demonstrate procedures.
- Head manager for atomic scientists and engineers at weapons laboratories involved in international programs.

Senior Board Member, Nuclear Propulsion Examining Board, Pacific Fleet, Pearl Harbor, HI (08/2005 - 08/2006)

Reported to Pacific Fleet Commander and Director, Naval Reactors (4-Star Admirals). SME handpicked for **Operational Excellence** in nuclear power. Assigned to audit nuclear submarines and aircraft carriers on safety & regulatory compliance.

- Directed team of 10 top performing senior engineers conducting 75+ nuclear regulatory compliance certifications in the Pacific and managing \$1.1MM+ global travel budget. Personally audited 40+ nuclear submarines and aircraft carriers.
- Developed improved metrics based reports with standardized and streamlined inspection audit processes designed to promote best practice/lessons learned sharing within the fleet and specific feedback & benchmarking on performance.

Commanding Officer, USS OLYMPIA (nuclear powered submarine), Pearl Harbor, HI (08/2002 - 08/2005)

Reporting to Squadron Commodore, led all operations, training, logistics, maintenance and personnel, with ultimate accountability for mission accomplishment, of front-line nuclear attack submarine (\$2B national asset) and crew of 165.

- Led two 6-month deployments to geo-politically sensitive and tactically challenging areas. Selected as #1 of 6 submarines in Squadron for **Operational Excellence** for 2 yrs. Trusted at National Security Council level to apply risk management on independent submarine covert missions with high consequences at stake. Briefed NSA (White House) on mission results.
- Developed highly effective lessons learned program. Became model for Fleet to follow. ZERO mishaps in 3 yrs.
- Managed 5-month dry-dock turnaround work package on schedule. Saved \$20MM of budget by innovatively sequencing some work flow outside shipyard controlled industrial area saving high overhead costs. This practice became new standard for major maintenance. Achieved lowest annual submarine operating cost (by 18%) while meeting all commitments.

Assistant Director for Nuclear-Field Enlisted Matters, Naval Reactors, Washington, DC (09/1999 - 12/2001)

SME to Director (4-Star Admiral) on policy and HR Program Manager for 10,000+ (\$1B+ in compensation) nuclear-field personnel including recruiting, training, career path, compensation, promotion and retention.

- Reduced nuclear training attrition by 17% saving \$11MM/yr. by applying metrics on performance traits and statistical analysis of results to develop improved recruiting acceptance standards. Responsible for adjudicating nuclear trained enlisted personnel assignments to instructor duty and selection to officer college scholarships.
- Optimized nuclear training curricula sequence to deliver Sailors to the Fleet 2 weeks sooner saving \$18MM/yr.

Executive Officer, USS HOUSTON (nuclear powered submarine), San Diego, CA (10/1997 - 09/1999)

2nd in Command of nuclear submarine (165 personnel). Directed all operations, training and administration. Selected as #1 submarine in San Diego and Top Tactical Performer in Pacific. Recognized for **Operational Excellence**.

Squadron Engineer, Commander, Squadron 22 Staff, La Maddalena, Italy (8/1995 - 09/1997)

Principal Engineer reporting to Squadron Commander responsible for oversight of overseas nuclear ship repair site with 2,000+ personnel and \$66MM/yr. operating budget providing maintenance and logistics support for 18 deployed submarines. Executed 120+ ship turnarounds-outages (2.1MM man-hrs.). Directed repair facility SUBSAFE/Nuclear QMS Program. Managed site infrastructure including sure power generation, water treatment, HAZMAT and waste oil, sewage plant, cranes, and port tugs and support boats.

Chief Engineer, USS PROVIDENCE (nuclear powered submarine), Groton, CT (12/1991 - 8/1995)

Reporting to the Captain, led Engineering Department (72 personnel) responsible for safe operation and maintenance of nuclear reactor and all submarine support systems. Managed major nuclear submarine reactor overhaul project (\$104MM) including production, schedule, radiological controls and quality assurance. Delivered 2 months early & \$18MM under budget. Achieved highest rating for nuclear plant operations. Strong operating experience with nuclear power plant reactor controls instrumentation, chemistry and radiological controls, mechanical systems and power generation and distribution.

Staff Watch Officer, Commander, Submarine Group 8 Staff, Naples, Italy (8/1989 - 12/1991)

Selected as Top Staff Watch Officer during Desert Shield/Desert Storm. Managed global submarine logistics and - operations.

Division Officer, USS WILL ROGERS (nuclear ballistic missile submarine), Holy Loch, Scotland (6/1984 - 7/1989)

Recognized as Junior Officer of the Year for excellence in submarine operations. Served as Communications Officer, Chemistry & Radiological Controls Assistant, Reactor Controls Assistant, Sonar & Torpedo Officer, and Assistant Engineer. Qualified Engineering Officer of the Watch, Officer of the Deck, Submarine Officer Warfare Officer, and Nuclear Engineer Officer.

Continuing Training:

Utility Rate Design and the Influence of Emerging Technologies October 2019, Phoenix, AZ
 CA Renewable Energy Procurement Summit (panelist)(Infocast) October 2019, Sacramento, CA
 Wildfire Technology Innovation Summit (CPUC & CAL FIRE) March 2019, Sacramento, CA
 Working with Electric Utility Contracts (PPAs)(EUCI) November 2018, Denver, CO
 Rate Design Conference: Rate Design Renaissance (EUCI) October 2018, Minneapolis, MN
 Solar Power Plant Design Fundamentals (EUCI) April 2018, Portland, OR
 Electric Vehicle-Utility Industry Nexus (EUCI) December 2017, Anaheim, CA
 Western Power Summit (Access Intelligence) October 2017, Denver, CO
 California Energy Summit (INFOCAST) May 2017, Santa Monica, CA
 Storage Summit (INFOCAST) January 2016, San Diego, CA
 Advanced Storage Technologies (INFOCAST) January 2016, San Diego, CA
 California ISO Symposium (CALISO) 2015, 2016, 2017, & 2018 Sacramento, CA
 Utility Rate School (NARUC) May 2015, San Diego, CA
 Distribution Management Systems: Strategies for Success (UU206 – DistribuTech) February 2015, San Diego, CA
 Planning of Smart Distribution Systems (UU311 – DistribuTech) February 2015, San Diego, CA
 ASME NQA-1/ANSI N45.2 Nuclear Lead Quality Auditor Course, Atlanta, GA May 2012
 Naval Senior Officer Business Course, Naval Post Graduate Scholl, April 2009
 Karrass Effective Negotiating 2 The Follow-on Program, March 2009
 Karrass Effective Negotiating, 2008
 Family Advocate Program & Command Family Advocacy Representative Training, August 2008
 Explosives Safety and Environmental Risk Management Course, July 2008
 Shore Station Senior Leadership Course, July 2008
 National Security Personnel System Course, July 2008
 Submarine Prospective Commanding Officer Course, June 2002
 Antiterrorism Force Protection Training for Commanding Officers, October 2002
 Submarine Prospective Executive Officer Course, December 1997
 Senior Leaders Seminar, Department of the Navy June 1996
 Submarine Officers' Advanced Course, June 1992
 Sealed Authenticator System-Emergency Action Procedures, March 1991
 Communications Security Materials Course, October 1986
 Intercultural Relations Course, August 1989
 Naval Submarine School, February 1986
 Naval Nuclear Power School, March 1985

Qualifications: Major Navy Command; Nuclear Propulsion Submarine Command; Chief Engineer for Nuclear Propulsion Plants; Submarine Warfare Officer; Officer of the Deck; Engineering Officer of the Watch; ASME NQA-1/ANSI N45.2 Nuclear Lead Quality Auditor.

Security Clearance: Held Top Secret – Sensitive Compartmented Information (SCI) & Special Access Program (SAP).

Community Service:

- Elected President of Bear Valley Mountain Mutual Aid Association (organization dedicated to bringing together over 25 community government and non-government organizations to provide coordinated disaster & emergency response).
- Elected President of the Board for Viking Estates Home Owners Association in Big Bear Lake.
- Food Pantry organizer in Big Bear Lake raising increasing record levels in contributions each year for 4 years.

RESUME of QUALIFICATIONS

SUMMARY OF EXPERIENCE

Senior Energy and Water Utility Executive with proven record of regulatory, legislative and public affairs successes for a major national energy company, two national energy associations, and one state water utility association. Forty-five years' experience in natural gas utility marketing and media relations, wholesale electric power generation and power marketing, power plant siting and development, federal energy regulatory policy, water utility regulatory and legislative affairs, as well as acquisitions and consolidation of small water utilities. Areas of expertise include:

- Water/Electric Utility Regulatory Affairs
- Water/Electric Utility Legislative Affairs
- Cost-of-Service Ratemaking/Rate Design
- Federal ISO and State PUC Regulatory Policy
- Water/Electric Utility Public Policy
- Association Management
- Wholesale Electric Power Marketing
- Merchant Power Plant Screening/ Development
- Business Presentations and Proposals
- Media Relations/Public Affairs
- Conference Program Development
- Staff Support for Boards of Directors
- Coalition Building/Grass Roots Support
- Utility Marketing/Communications

ACCOMPLISHMENTS

- Served as the first Executive Director of the California Water Association for 14-plus years; successfully implemented its ongoing regulatory, legislative and communications plans. Was instrumental in the development and enactment of multiple water industry/California Public Utility Commission/State Water Resources Control Board legislative statutes and regulatory policies during that time.
- Served on the Board of Directors of the Electric Reliability Council of Texas (ERCOT) and was Board Chair in 2000-2001. Was one of the principals in the design and initial operation of the ERCOT Independent System Operator (ISO) wholesale market, the ERCOT retail electric market, and the integration of these two market designs with ERCOT's reliability responsibilities and obligations.
- Served on the Pennsylvania-New Jersey-Maryland (PJM) ISO's Members (policymaking) Committee from 1998 -2002 and chair of its Governance Committee. Helped refine PJM's market design and established a governance structure that provided equity for utilities, wholesale and industrial customers, power marketers, retail energy suppliers, independent power producers, and regulators.
- Served as a principal in the design and establishment of the North American Energy Standards Board (NAESB), and particularly its governance structure.
- Effectively managed the media relations programs of the American Gas Association and the Electric Power Supply Association.

EMPLOYMENT HISTORY

J.K. HAWKS & ASSOCIATES, INC. – President

2005 – 2020

Provided water/energy utility consulting services, including siting and permitting of natural gas-fueled power plants and water utility regulatory and legislative affairs.

CALIFORNIA WATER ASSOCIATION – Executive Director

2005 – 2020

Served as lead executive officer; managed the Association's regulatory, legislative, and communications programs; represented the Association before the California PUC, the State Water Resources Control Board, the Dept. of Water Resources, the Governor's Office and the state legislature.

ELECTRIC POWER SUPPLY ASSOCIATION – Vice President, Public Affairs & Planning

2003 – 2005

JOHN K. (JACK) HAWKS

Managed the Association's state regulatory and legislative programs, as well as its media relations, external communications and planning functions.

PG&E NATIONAL ENERGY GROUP

1991 - 2003

Vice President Regulatory Affairs and Market Policy

(1998 - 2003)

Responsible for Regional Transmission Organization (RTO) and ISO regulatory policy development and implementation in PJM, New York ISO, New England ISO, Midwest ISO, ERCOT, Southwest Power Pool, RTO West and the California ISO. Ensured a favorable business environment for the company's capital assets and continually advocated for development of a functional wholesale market structure that optimized the company's market and energy trading activities.

Vice President, Government Relations

(1995 – 1998)

Responsible for federal and state legislative affairs, and for state regulatory affairs. Managed a dozen local consultants involved with advocating on behalf of the company in its local power plant development activities, as well its power plants in construction and operation.

Director, Public Affairs

(1991-1995)

Responsible for all local community activities, including advocacy, NIMBY efforts, and media relations with local municipalities, city councils, county commissions, planning commissions, legislators, etc., in connection with the development, construction and operation of approximately 15 different power plants in more than a dozen states from California to Florida.

AMERICAN GAS ASSOCIATION –

1975 – 1991

Director, Public Information

(1988 - 1991)

Responsible national media relations and all external communications; responsible for writing and preparation of senior officer speeches and presentations; editor of the Association's weekly government relations newsletter.

Director, Advertising Programs

(1986 - 1988)

Responsible for the natural gas distribution industry's national advertising program, which included preparation of print ads and television commercials that appeared in national business and newsweekly publications, as well as political talk shows, television news shows, and major televised sporting events.

Manager, Advertising & Promotion

(1981 - 1986)

Assisted the Director in all the above tasks and was solely responsible for the Association's business-to-business industrial and commercial advertising and advertorials, including cooperative marketing programs with manufacturers of natural gas-fueled appliances and equipment.

Assistant Manager, Advertising & Promotion

(1975 - 1981)

Similar to above, but without the sole responsibility of the I/C advertising.

HONORS

- Member of American Gas Association's Industrial/Commercial "Hall of Flame"
- Member of American Gas Association's Residential "Hall of Honor"
- Recognized by NAESB for the instrumental role he had in its formation
- Recognized by the California State Senate for his contributions to California water utility policy.

OTHER QUALIFICATIONS

- MBA, George Mason University, Fairfax, VA
- BS Journalism & Mass Communications, University of Kansas, Lawrence, Kansas

JOHN K. (JACK) HAWKS

- Attended College of William & Mary, Williamsburg, VA; majored in political science.
- Accredited by the Public Relations Society of America

Harry Scarborough

<https://www.linkedin.com/in/harry-scarborough/>

Target: Board of Directors – Electric Utility & Power Generation Sectors

Expert in Mergers & Acquisitions, Operations, Risk Management, and Strategic Plan Development

Experienced board member with 25+ years of experience in the Electric Utility and Power Generation, Education, and Business Development sectors with a history of award-winning performance as a visionary leader for development planning, goal setting, budget forecasting, and advancing corporate growth. Repeated success propelling teams to improve operational efficiencies including performance metrics in support of the corporate strategic plan. Applied varied experience that provides valuable perspective to boards to cultivate a sense of partnership across the company. Incorporated a drive for growth with fiscal responsibility and emphasis on generating the highest possible ROI/ROR.

Highlighted executive achievements include:

- Achieved 8% YoY growth in annual revenues for 2018 & 2019 (Northwest Lineman College)
- Generated enrollment growth by 10-30% between campuses (Northwest Lineman College)
- Received Campus of the Year Award 2017 & 2018 (Northwest Lineman College)
- Successful negotiation of union contract renewals (BVES)
- In 2015, Achieved a 9.7% actual Rate of Return against a budgeted 8.6% through an ambitious capital improvement program. (BVES) □
- In 2015, ROE was 12.26% compared to a forecasted 11.32%. Earnings per share (EPS) were \$.07 vs \$.06 budgeted.
- Developed ambitious capital improvement programs (BVES), to include undergrounding of distribution
- Former Executive Member of the Southern California Leadership Council Energy Subcommittee formed in 2012 to address energy policy and quality of life issues in Southern California. (BVES)
- Extensive experience dealing and negotiating with the California Public Utility Commission, the Federal Energy Regulatory Commission and the North American Electric Reliability Council. (MMC Energy)

EXECUTIVE LEADERSHIP PERFORMANCE

Chief Education Officer/ VP of Campus Operations (2019 – Present) | Campus President (2016 – 2019)

Northwest Lineman College (<https://lineman.edu/>) | Ada County, Idaho | 2016 - Present

A private vocational technical college with a concentration on careers in the electric power, telecom, and natural gas industries offering career training programs in partnership with a Fortune 500 company, Quanta Energy Services.

SCOPE: Curriculum Development & Program Development ▪ 4 U.S. Campuses ▪ 8,000+ Students ▪ 16 Direct Reports ▪ 1,000+ Employer Facilitation ▪ Manage education operations, finance, enrollment engagement, and business standards.

SUMMARY OF CONTRIBUTIONS: Advanced quickly from Campus President to the Chief Education Officer based off the ability to advance to positions of increasing scope, responsibility, and complexity while delivering against operational, team, and financial performance goals. Serve as one of five officers reporting to directly to the CEO. Provide educational strategic planning and direction related to proven best practices in the power delivery, gas, and telecommunications industries. Establish B2B relationships to fuel student's training and learning experience for future career opportunities. Recruit, onboard, train, and lead a department of 16 curriculum developers, graphic designers, and instructional designers to develop world-class educational materials for the utility trades. Assists in the creation of new programs and courses.

SELECTED ACCOMPLISHMENTS:

- Initiated weekly situation reports from all four campus presidents to drive enrollments and campus objectives.
- Conducted mock audits every six months leading to all campuses receiving outstanding grades through our internal audit process in advance of the actual audit dates.
- Worked extensively with the marketing group to analyse the student market to further focus on areas that could have the greatest impact.
- Accelerated an 8% YoY growth in annual revenues for 2018-2019; drove enrollments up by 10-30% on each campus; reduced expenses 3-5% annually for 2018-2019.

Director

Bear Valley Electric Service (<https://www.bves.com/home/>) | Big Bear Lake, CA | 2010-2016

Bear Valley Electric Service is a leading provider of power to the Lake Williams, Erwin Lake, Sugarloaf, Big Bear City, Big Bear Lake, Moonridge, Fawnskin and Boulder Bay areas.

SUMMARY OF CONTRIBUTIONS: Created accountability within the organization by performing change management initiatives including the reconstruction of the entire team of approximately 30 employees, revising policies and procedures, and establishing internal KPIs in support of the corporate strategic plan. Provided the utility with instantaneous data that was previously unavailable by replacing analog mechanical meters for every customer with automated digital meters. Improved labor costs with better visibility on the scope of power outage events.

SELECTED ACCOMPLISHMENTS:

- Decreased customer informal CPUC complaints by 30% with only two complaints for 2012.
- Reliability of electrical service was 99.99%.
- Doubled net income in the first year of this position through successful general rate case filing and cutting of operations and maintenance expenses.
- Initiated capital improvement to replace all meters with AMRs resulting in a reduced labor expenses and \$200K in savings
- Held down wage increases to 2.5%, 2.25% and 2.25% for 2011, 2012 and 2013, significantly below the union's requested increases.
- Co-Authored Bear Valley Electric Enterprise Risk Assessment Matrix – Identifying Key Operational and Financial Risks and actions to mitigate identified risks
- Completed phase 1 & 2 of the Big Bear Boulevard Undergrounding Project and completing the designing and planning for Phases 3 & 4

Senior Vice President

MMC Energy, Inc. (<http://www.mmcenergy.com/>) | New York, NY | 2006-2009

SUMMARY OF CONTRIBUTIONS: Established a business strategy for the California region to include analyzing market conditions, contacting current owners to discuss plans to divest assets, and performing due diligence during advanced stages of bid proposals for renewable and fossil-fired facilities. Developed strategy for taking company through an intensive public offering and lining up investors for key capital purchases and company growth.

SELECTED ACCOMPLISHMENTS:

- Negotiated a twenty-five-million-dollar loan facility with GE for the purchase of gas turbines
- Successfully permitted a repowering application through a conditional use permit process utilizing a mitigated negative declaration

ADDITIONAL PREVIOUS CAREER EXPERIENCE

Director of Operations, Maintenance, and Construction | Commissioning, Enron Wind/GE Wind Corporation | 1998 – 2001

International Regional Manager | GE Power systems/Stewart and Stevenson | 1996 – 1998

Plant Manager | Stewart and Stevenson Operations, Inc. | 1995 – 1996

Plant Manager | LFC Power Systems | 1993 – 1995

EDUCATION

Executive Graduate Certificate in Business Administration - University of Notre Dame, Notre Dame, Indiana

Master of Science, Organizational Development - Chapman University, Orange, CA

Master of Arts, Education and Training - Chapman University, Orange, CA

Bachelors Business Administration - National University, San Diego, CA

Graduate, Office of Water Programs, Water Distribution. System O&M - California State University Sacramento

California General Building Contractor's License ▪ Navy Nuclear Power Training

APPENDIX B

SAFETY-RELATED EDUCATION AND EXPERIENCE

OF EACH SAFETY COMMITTEE MEMBER

Paul Marconi. Safety & Operations Committee Chairman:

Mr. Marconi's relevant safety experience includes 40 years of experience of operational leadership in power generation, distribution, petrochemical, nuclear power generation, and other industrial environments. He has held executive leadership roles in these areas, including being entirely responsible and accountable for all aspects of environment, health, and safety.

Bear Valley Electric Service, Inc. (subsidiary of American States Water Company) Big Bear Lake, CA (6/2014 – Present) Mr. Marconi over sees all aspects of the Company's environment, health and safety program, and leads the development and implementation of Bear Valley's Wildfire Mitigation Plan, which has safety as its top priority. Mr. Marconi's oversight of Bear Valley's safety programs as resulted in an outstanding record of no employee fatalities, no employee contact with high voltage, and no ignitions during his tenure. In addition to implementing wildfire mitigation plans and being responsible for public and worker safety with respect to the plan, Mr. Marconi oversees Bear Valley's power plant safety program, its Hazmat programs, and all of the Company's Cal/OSHA safety programs. Mr. Marconi implemented a three-year program to improve Bear Valley's safety culture and he personally works closely with an expert environment, health, and safety consultant execute the safety culture improvement program.

Intertek – Asset Integrity Management (AIM) Houston, TX (4/2012 – 6/2014) As Director of Operations, Mr. Marconi oversaw piping integrity programs at major refineries and power generation plants throughout the world to ensure safe operations of these facilities. Specifically, Mr. Marconi implemented and oversaw wall thickness inspection programs at refineries, which is critical to preventing catastrophic piping failures that could lead to major fire and explosions. Additionally, Mr. Marconi implemented and oversaw critical weld joint inspection programs at power plants essential to preventing catastrophic high pressure steam leaks.

Mr. Marconi completed a 27 year career in submarines and the Naval Nuclear Propulsion Program holding numerous leadership positions directly responsible for the safety operation of naval nuclear propulsion plants. Specific safety related experience includes:

- **Naval Base Point Loma San Diego, CA (7/2008 - 7/2011)** Mr. Marconi was the Commanding Officer and was responsible for the safe operations and maintenance of 7 nuclear submarines, 1 million barrel fuel depot, 30 MW in PV systems, all aspects of base Hazmat operations, and a major explosive ordinance facility. These activities involved inherently dangerous materials and catastrophic risks not only to Navy personnel, but also to the general public at large.
- **U.S. Pacific Fleet, Pearl Harbor, HI (08/2005 - 08/2006)** Mr. Marconi was the Senior Board Member, Nuclear Propulsion Examining Board, and he directed a team of 10 top performing senior engineers conducting 75+ nuclear regulatory safety compliance certifications in the Pacific. He personally oversaw, inspected and audited 40+ nuclear submarines and aircraft carriers to certify their ability to safely operate their nuclear propulsion plants.
- **USS OLYMPIA (nuclear powered submarine), Pearl Harbor, HI (08/2002 - 08/2005)** Mr. Marconi was the Commanding Officer responsible for all aspects of safe submarine operations and nuclear safety. He oversaw the implementation of operational risk management to reduce shipboard accidents and incidents. Mr. Marconi implemented

processes and procedures to plan, brief, and train his crew for high risk training events and he establish metrics to monitor with tripwires to abort the event or take remedial action as appropriate to avoid unsafe conditions from developing.

- **Commander Squadron 22 Staff, La Maddalena, Italy (8/1995 - 09/1997)** Mr. Marconi was Principal Engineer reporting to Squadron Commander responsible for oversight of overseas nuclear ship repair site with providing maintenance and logistics support for 18 deployed submarines. Directed repair facility SUBSAFE/Nuclear QMS Program. Managed site infrastructure including shore power generation, water treatment, HAZMAT and waste oil, sewage plant, cranes, and port tugs and support boats.
- **USS PROVIDENCE (nuclear powered submarine), Groton, CT (12/1991 - 8/1995)** Mr. Marconi was the Chief Engineer responsible for safe operation and maintenance of nuclear reactor and all submarine support systems. Mr. Marconi was responsible for ensuring reactor operators were properly trained and qualified to operate the reactor plant safely. He also was responsible for approving all procedures used in the reactor plant to ensure they were safe to execute.
- **Mr. Marconi achieved the following specific qualifications and certifications:** Major Navy Command; Nuclear Propulsion Submarine Command; Chief Engineer for Nuclear Propulsion Plants; Submarine Warfare Officer; Officer of the Deck; Engineering Officer of the Watch; ASME NQA-1/ANSI N45.2 Nuclear Lead Quality Auditor. All of these qualifications and certifications include a heavy emphasis on reactor safety and/or safe deep submergence operations, which are inherently dangerous

John K. Hawks, Safety & Operations Committee Member: Throughout Mr. Hawks' 50 years of utility experience, he has had extensive leadership roles with particular responsibilities in developing and implementing policies for employee, contractor and public safety. Mr. Hawks' executive experience is extensive with natural gas, electric and water utilities, and it has provided him a broad perspective toward public safety. Some of Mr. Hawks' specific safety-related experience, includes:

California Water Association (2005 – 2020) As Executive Director, Mr. Hawks was responsible for developing water utility public safety policies in California. Specifically, as it relates to utility safety policies, standards and practices, Mr. Hawks led the Association's efforts in revising the California Public Utilities Commission's General Order 103, which sets forth the Commission's rules governing water and sewer service and the minimum standards for design, construction, and the safe operation of the water and sewer systems. It applies to all water and wastewater utilities operating under the jurisdiction of the Commission. In particular, Mr. Hawks participated in and/or led all of the working groups that updated and rewrote the sections of the general order related to: Water Supply Requirements and Quantity of Water; Standards of Design and Construction; Fire Protection Standards; Water Quality, Testing of Water; Measurement of Service; Operation and Maintenance; Rates and Billing; and Customer Relations Performance Standards.

Electric Power Supply Association (2003 – 2005) As Vice President, Public Affairs & Planning, Mr. Hawks developed and implemented electric power plant public safety policies through regulatory and legislative programs.

PG&E National Energy Group (1991 – 2003) Serving in various senior leadership roles (Vice President Regulatory Affairs and Market Policy, Vice President, Government Relations, and Director, Public Affairs), Mr. Hawks was deeply involved in developing and implementing the company's policies directly advancing public safety in the safe operation of the company's 18 power plants throughout the United States.

American Gas Association (1975 – 1991) Serving in various Manager and Director leadership roles, Mr. Hawks promoted utility gas public safety policies and programs.

Harry Scarborough, Safety & Operations Committee Member: Mr. Scarborough's relevant safety experience includes 25 plus years of experience in the Electric Utility and Power Generation sectors and 40 plus years of operational leadership experience in technical and industrial environments. He has held several executive leadership roles in in these areas entirely responsible and accountable for all aspects of environment, health, and safety. Some of Mr. Scarborough's specific safety related experience, includes:

(Retired) Northwest Lineman College- A Division of Quanta Energy Services - Ada County, Idaho : As Chief of Staff (2022 to 2023) Chief Education Officer/VP of Campus Operations (2019 – 2022) and Campus President (2016 – 2019), Mr. Scarborough ensures programs and processes are in place to ensure high risk linemen training is conducted safely and that linemen students graduate the Northwest Lineman College with a deep understanding of employing proper safety procedures. Mr. Scarborough, as an employee of Quanta, is in the people business and Quanta Employees know that people are fallible. We always do our best to prevent incidents, but Quanta realizes that mistakes will happen. When mistakes happen, the question becomes "Do we have the capacity to absorb failure, WITHOUT CAUSING HARM? To be ready we will plan and execute work assuming that failure will happen at any moment. We learn from each job, each mistake, and each success to continue to getting better. Safety is not the mere absence of injuries, it is the presence of capacity. Safety is not just a policy – safety is the core of who we are and at the forefront of our focus. Mr. Scarborough was instrumental in developing the curriculum of the "Capacity Model" that recognizes traditional safety practices have greatly reduced the number of workplace injuries during the last several decades, but life-ending events have declined at a slower rate. To further reduce serious and life-ending events, Quanta Services developed The Capacity Model™ and is changing the way the industry approaches safety. At the core of this model is a human performance philosophy which embraces the fact that error is normal and people will make mistakes. That acknowledgement, coupled with an increased understanding of how people interact with their work environments, enables Quanta to more effectively identify hazards and put in place targeted protections (controls).

Bear Valley Electric Service Big Bear Lake, CA (2010-2016) Mr. Scarborough was the Director responsible for all aspects of employee, contractor and public safety in electrical distribution and power generation.

Enron Wind/GE Wind Corporation (1998 – 2001) As Director of Operations, Maintenance, and Construction/Commissioning, Mr. Scarborough oversaw all aspects of renewable power generation project environment, health and safety programs.

GE Power systems/Stewart and Stevenson (1996 – 1998) As the International Regional Manager, Mr. Scarborough provided oversight for environment, health and safety for each of the power generation projects for which he was responsible.

Stewart and Stevenson Operations, Inc. (1995 – 1996) As Plant Manager, Mr. Scarborough was responsible for ensuring the safe operation of the power generation systems under his responsibility.

LFC Power Systems (1993 – 1995) Mr. Scarborough was the Plant Manager responsible for ensuring the safe operation of the power generation systems under his responsibility.

APPENDIX C

SAFETY COMMITTEE’S ROLE IN

OVERALL CORPORATE GOVERNANCE

The Safety Committee of the BVES Board of Directors (“Board”) is responsible for overseeing (i) the preparation of BVES’s wildfire mitigation plan and the assessment of BVES’s compliance with the plan, (ii) other activities intended to identify wildfire risks and other safety risks related to the operation and maintenance of the BVES electric utility system, (iii) steps taken to reduce such risks and to respond to safety events, and (iv) such other matters as set forth in its charter or delegated to the Safety Committee from time to time by the Board. The Safety Committee reviews, approves, modifies, and assesses the effectiveness of, and seeks to improve, BVES’ safety culture and its safety programs, policies and practices related to the operation and maintenance of its electric utility system, and considers actions to prevent, mitigate or respond to wildfires and other BVES risks related to the operation and maintenance of its electric utility system. Management updates the Safety Committee thoroughly on these issues at least quarterly and acts upon the recommendations of the Safety Committee. The Safety Committee reports regularly to the Board on deliberations, recommendations and actions taken by the Safety Committee. The oversight role of the Safety Committee with respect to such BVES safety-related matters does not alter management’s safety-related authority, responsibility or accountability. The Safety Committee’s powers and responsibilities are delegated by the Board as set forth in the Safety and Operations Committee’s Charter. Currently, three BVES Board of Directors serve on the Committee.

APPENDIX D

**REPORT ON SIGNIFICANT TOPICS COVERED BY
SAFETY AND OPERATIONS COMMITTEE SINCE ISSUANCE OF
LAST SAFETY CERTIFICATION**

The Safety and Operations Committee (“Safety Committee”) meetings of the BVES Board of Directors include thoughtful and comprehensive discussion of safety issues and topics affecting the Company, including ongoing public safety and wildfire mitigation efforts. At each meeting, the Safety Committee receives an update on the Company’s safety performance metrics to date. These meetings are summarized and reported to Energy Safety and the Commission in BVES’s Quarterly Notification Letters documenting the ongoing implementation of BVES’s Wildfire Mitigation Plan pursuant to Public Utilities Code Section 8389(e)(7).

The Safety Certification Guidance further requires BVES to provide a description of significant topics covered by the Safety Committee since the issuance of the last Safety Certification. Since BVES’s last safety certification was requested, the Safety Committee has considered the following topics of significance:

- On November 20, 2024, the Safety Committee heard presentations and conducted discussions on the following topics of significance on current safety items at BVES including:
 - Wildfire Mitigation Plan compliance;
 - WMP initiative targets, progress on achieving the targets, resourcing WMP initiatives, and challenges in executing WMP initiative targets;
 - Status of implementing 2023 SCA recommendations;
 - Safety certification and progress in achieving the requirements to obtain a safety certification;
 - Safety metrics and performance; and
 - Funding and resourcing of WMP initiatives.
- On February 27, 2025, the Safety Committee heard presentations and conducted discussions on the following topics of significance on current safety items at BVES including:
 - Wildfire Mitigation Plan compliance;

- 2023-2025 WMP initiative targets, progress on achieving the targets, resourcing WMP initiatives, and challenges in executing WMP initiative targets;
- Status of implementing 2023 SCA recommendations;
- Safety certification and progress in achieving the requirements to obtain a safety certification;
- Safety metrics and performance;
- Funding and resourcing of WMP initiatives;
- Proposed initiatives and targets to be included in the 2026-2028 WMP;
- Results and recommendations from a study for BVES regarding enhanced power line safety settings (EPSS); and
- Revisions to the thresholds at which BVES would initiate PSPS on circuits to prevent ignitions during periods when wildfire conditions exist.
- On June 5, 2025, the Safety Committee heard presentations and conducted discussions on the following topics of significance on current safety items at BVES including:
 - Wildfire Mitigation Plan compliance;
 - 2023-2025 WMP initiative targets, progress on achieving the targets, resourcing WMP initiatives, and challenges in executing WMP initiative targets;
 - Safety culture initiatives;
 - Safety certification and progress in achieving the requirements to obtain a safety certification;
 - Safety metrics and performance;
 - Funding and resourcing of WMP initiatives;
 - Asset hardening risk model;
 - Areas at risk of Public Safety Power Shutoffs in the BVES service area; and
 - Status of implementing enhanced power line safety settings (EPSS).
- On August 20, 2025, the Safety Committee heard presentations and conducted discussions on the following topics of significance on current safety items at BVES including:
 - Wildfire Mitigation Plan compliance;
 - 2023-2025 WMP initiative targets, progress on achieving the targets, resourcing WMP initiatives, and challenges in executing WMP initiative targets;
 - Safety culture initiatives;

- Safety certification and progress in achieving the requirements to obtain a safety certification;
- Safety metrics and performance; and
- Status of implementing enhanced power line safety settings (EPSS).

APPENDIX E

DESCRIPTION OF SAFETY AND OPERATIONS COMMITTEE

RECOMMENDATIONS AND IMPLEMENTATION SINCE ISSUANCE OF

LAST SAFETY CERTIFICATION

The Safety and Operations Committee (“Safety Committee”) meetings of the BVES Board of Directors include recommendations for BVES. The following is a description of all safety committee recommendations and an indication whether the electrical corporation has implemented these recommendations since issuance of the last Safety Certification:

- On February 7, 2025, the Safety Committee recommended that the BVES Board approve additional capital improvement budget for resourcing of WMP initiatives for 2025 and 2026 via unanimous written consent procedures. The Board approved the additional capital improvement budget recommendation and it was fully implemented by BVES management.
- At the February 27, 2025 Safety Committee meeting, the Safety Committee recommended that the Board approve additional capital improvement budget to support development expenses for a solar and battery project to mitigate the impact of Public Safety Power Shut-offs initiated by SCE to the power supply lines that supply Bear Valley’s service area. The Board approved this recommendation and it was fully implemented by BVES management.
- On April 23, 2025, the Safety Committee recommended that the BVES Board approve additional capital improvement budget for resourcing of WMP initiatives for 2025 via unanimous written consent procedures. The Board approved the capital improvement budget recommendation and it was fully implemented by BVES management.
- On September 20, 2025, the Safety Committee recommended that the BVES Board approve additional capital improvement budget for resourcing of WMP initiatives for 2025 via unanimous written consent procedures. The Board approved the additional capital improvement budget recommendation and it was fully implemented by BVES management.
- On October 6, 2025, the Safety Committee recommended that the BVES Board authorize management to negotiate and execute an agreement with a qualified contractor for the design and construction of the Partial Safety and Technical Upgrades to Village Substation Project

via unanimous written consent procedures. The Board authorized management to negotiate and execute an agreement with a qualified contractor for the design and construction of the Partial Safety and Technical Upgrades to Village Substation Project. At the time of this filing, management was in the process of negotiating and executing the agreement with a qualified contractor.

- On October 9, 2025, the Safety Committee recommended that the BVES Board authorize management to negotiate and execute an agreement with a qualified contractor to provide vegetation management services via unanimous written consent procedures. The Board authorized management to negotiate and execute an agreement with a qualified contractor to provide vegetation management services via unanimous written consent procedures. At the time of this filing, management was in the process of negotiating and executing the agreement with a qualified contractor.

APPENDIX F

DETAILS OF AUGUST 19, 2025 PUBLIC MEETING

AND

RELATED PRESENTATION MATERIALS

On August 19, 2025, the Commission and OEIS hosted a public meeting on utility safety practices during which BVES's President and Safety Committee Chairman, Mr. Paul Marconi, made a presentation on safety practices and answered questions from the Commission and OEIS. Mr. Marconi highlighted the following areas regarding public safety:

- System Overview
- Infrastructure Safety
- Safety Communication, Engagement from Frontline Workers & Reporting Environment
- Lessons Learned
- Climate Adaptation Strategy
- New Technologies & Innovation
- Benchmarking
- Public Safety Power Shutoffs (PSPS)

Set forth below are related presentation materials for the public hearing.



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

Interagency Public Briefing on Safety Culture & Public Safety Power Shutoffs (PSPS)

Paul Marconi, *President, Treasurer, Secretary, & Safety Committee Chair*
Sean Matlock, *Energy Resource Manager & Assistant Corporate Secretary*

August 19, 2025

Outline



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

- **System Overview**
- **Infrastructure Safety**
- **Safety Communication, Engagement from Frontline Workers & Reporting Environment**
- **Lessons Learned**
- **Climate Adaptation Strategy**
- **New Technologies & Innovation**
- **Benchmarking**
- **PSPS**
 - PSPS Progress, Improvements, & Challenges
 - PEDS & Customers with AFN
 - Community Communication & Preparedness
 - Pre-Season Planning & Preparations for 2025





Service Area Overview

Location: 32-sq. miles of rural and mountainous terrain at approximately 7,000 ft. in San Bernardino Mountains (80 miles East of Los Angeles).

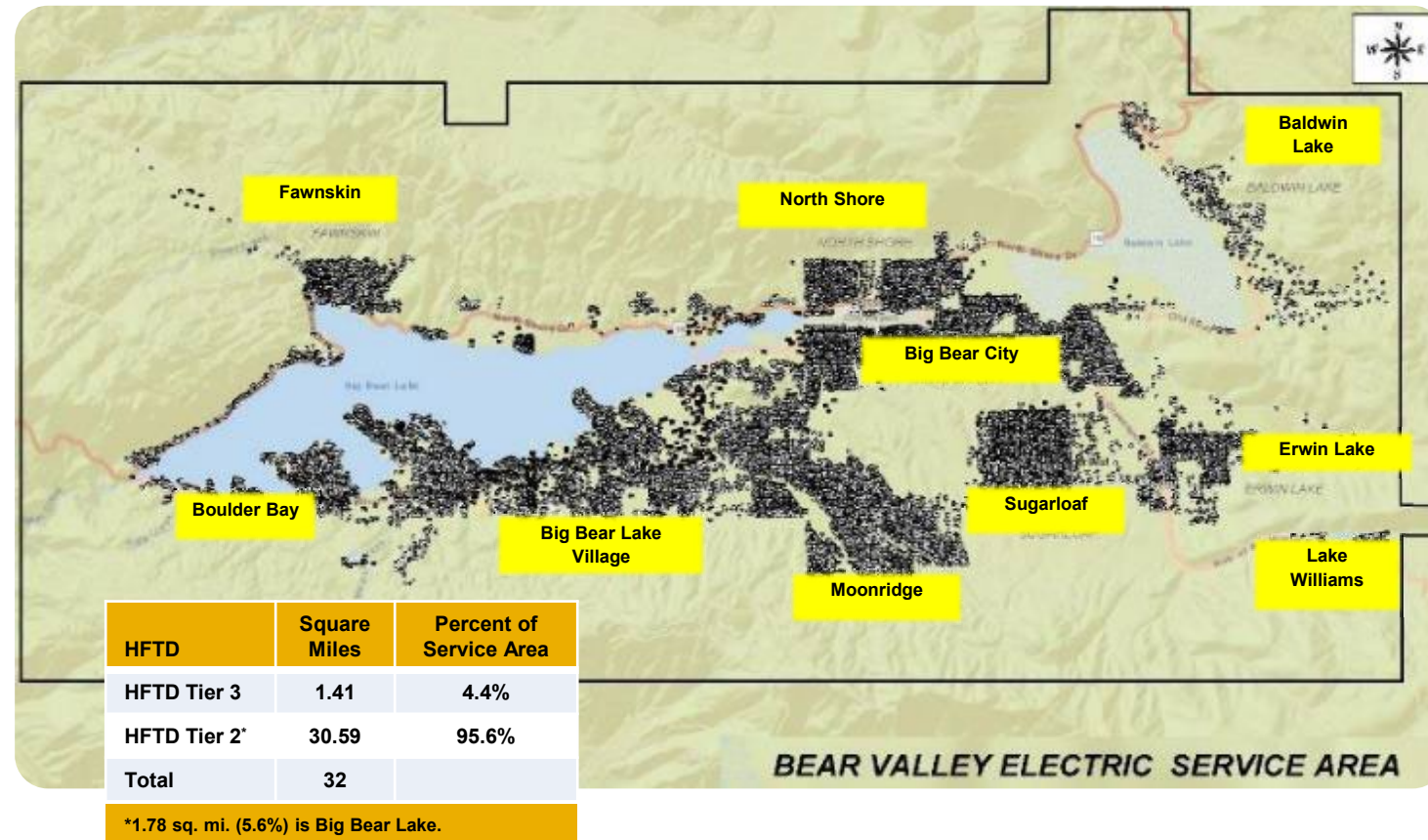
- Entire Service Area is > 3,000 ft. elevation requiring more resilient construction standards.
- Entire Service Area is in the High Fire Threat District Tier 2 and Tier 3

Key jurisdictions: County of San Bernardino, City of Big Bear Lake, U.S. Forest Service, CALTRANS.

Customer Meters: 24,919 total [Residential: 23,418; Commercial: 1,501; CARE: 1,855; AFN: 759; MBL: 201].

Electrical System:

- Sub-transmission (34.5 kV)
 - 4.2 circuit miles bare overhead (OH) conductor (14.1%)
 - 24.7 circuit miles covered OH conductor (82.9%)
 - 0.9 circuit miles underground (UG) (3.0%)
- Distribution (4 kV)
 - 136.2 circuit miles bare OH conductor (57.9%)
 - 45.8 circuit miles covered OH conductor (19.5%)
 - 53.2 circuit miles UG (22.6%)
- Substations: 13
- Supply Lines: 39 MW total
- Bear Valley Power Plant: 8.4 MW
- Service Area Renewable Generation: 6.16 MW
- Load is winter & evening peaking
 - Peak load: 46 MW (2021)
 - Load delivered: 138,808 MWh (2024)
 - 46.0% qualified to Renewable Portfolio Standards



Infrastructure Safety: Wildfire Mitigation Strategy

- Grid hardening efforts
 - Increased situational awareness and control improvements expected from completion of the grid automation initiatives
 - Continued vegetation management, asset inspections, and equipment maintenance/repairs,
 - Real-time fire risk modeling
 - Increased resiliency to serve load via local generation through the solar and storage projects.
 - BVES evaluates cost-benefit ratios of different mitigation options by determining risk reduction, initiative cost, and calculating risk spend efficiency for each mitigation. There other factors that also
- drive initiative selection such as topography, permitting, sequencing (e.g., before grid automation need connectivity network), supply chain issues, vulnerable populations, etc.

BVES has selected covered conductor over undergrounding as its primary grid hardening initiative given its small service area and the topography challenges to undergrounding.

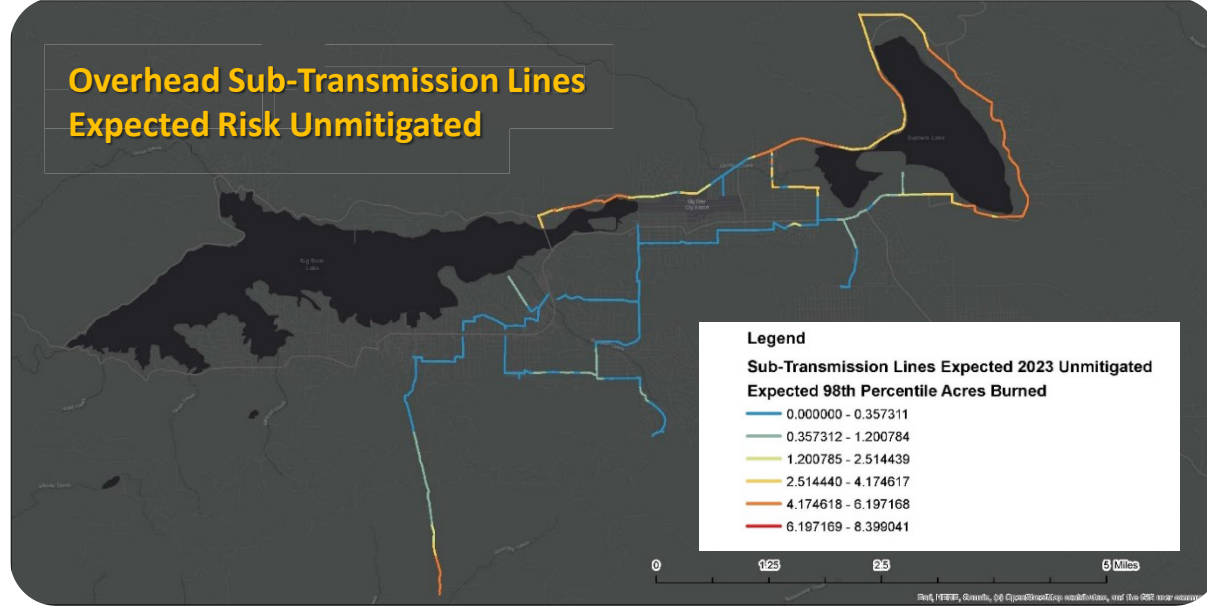
 - System will be hardened sooner which is more valuable than the incremental improvement in risk reduction provided by undergrounding.
 - Provides an affordable mitigation to our customers.

As of August 11, 2025, BVES’s safety record:

- Accident/injury free for 305 days.
- Zero BVES caused wildfires ever.
- Zero ignitions in over 20 years.
- Zero public injuries or fatalities due to BVES facilities or operations in over 20 years.
- Zero employee fatalities in over 20 years.
- Zero employee contact with High Voltage in over 15 years.

Last vegetation contact outage was 16 months ago.	BVES has not had to invoke a PSPS ever; but does remain trained and ready.	Year-to-Date SAIDI is 3.8 minutes.
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Infrastructure Safety – Prioritizing Risk Reduction



- **FireSight** model was implemented in February 2023.
- Model was run assuming no WMP grid hardening initiatives to establish a baseline (map above).
- Map to the right shows risk taking into account WMP grid hardening initiatives on the Sub-Transmission System as of February 2025.
- Similar maps were developed for the Distribution System (4 kV).
- Maps are used to prioritize grid hardening efforts.

Technosylva's FireSight model integrates equipment failure and ignition probability data for assets with individual fire spread predictions to determine which assets are most likely to fail and cause an ignition.

- Expected Risk is the combination of the probability of failure (asset failure), probability of ignition (ignition involving an asset) and conditional risk (determined from model simulations for all ignition points along the power lines, builds out consequences across worst case weather days for wildfire using historical data).
- Use predicted future climate data to model impact of climate change.



Infrastructure Safety – Implementation Progress



- **Covered Conductors Project:** Replaced 24.7 circuit miles of 34.5 kV bare conductors with covered wire. Overall, 34.5 kV system is 14.1% bare wire, 82.9% covered wire, and 3.0% underground. Replaced 45.8 circuit miles of 4 kV bare conductors with covered wire. Overall, 4 kV system is 57.9% of bare wire, 19.5% covered wire, and 22.6% underground.
- **Radford Line Replacement Project:** Received USFS Permit in January 2024, commenced construction in May 2024 and completed the project in November 2024. 2.8 circuit miles of covered conductors was installed and 73 fire resistant poles installed. **Project is COMPLETED.**
- **Expulsion Fuse Replacement Project:** Replaced all expulsion fuses (a total of 3,114) with 2,578 current limiting fuses and 536 electronic fuses. There are no expulsion fuses in system. **Project is COMPLETED.**
- **Pole Loading & Assessment:** Assessed 4,535 poles and replaced or remediated 2,224 poles. Project is now combined with Covered Conductors Project due to synergy of the work.
- **Evacuation Route Hardening Project:** All primary evacuation routes have been hardened. BVES is now focused on secondary routes. Installed 3,545 wire mesh wrap on wood poles and replaced 582 wood poles with 365 LWS poles, 144 fire resistant composite poles, and 73 ductile iron poles. 4,167 poles (49.8% of poles) have been hardened for evacuation route purpose.
- **Tree Attachment Removal Project (removes 100 per year):** Overall removed 968 tree attachments since 2018. 239 tree attachments remain in the distribution system and are programmed for removal.
- **Advanced Inspection:** Established routine of conducting annual LiDAR, UAV Photography & Videography and UAV Thermography, 3rd Party Independent Patrol and satellite imagery of entire system. These are in addition to GO-165 Detailed & Patrol Inspections. Perform 850 intrusive wood pole inspections per year. Ongoing inspection program.
- **FLISR:** Installed 10 IntelliRupter Switches on sub-transmission system loop to establish a Fault Localization Isolation and Service Restoration (FLISR) self-healing system. **Project is COMPLETED.**
- **Grid Automation Project:** Installed fiber optic network throughout service area (mimics sub-transmission system) and fully automated three substations. **Project is COMPLETED.**
- **Install Fault Indicators:** This project installs an additional 129 fault indicators (FIs) in the distribution system and connects them to SCADA. To date 134 FIs have been installed and 45 of the FIs have been connected to SCADA.

Infrastructure Safety – Implementation Progress

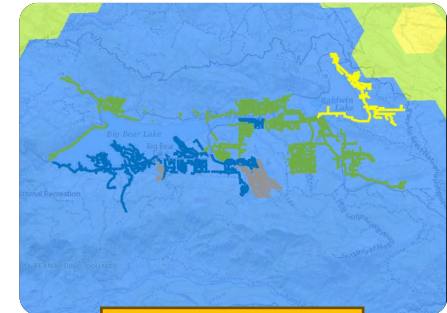


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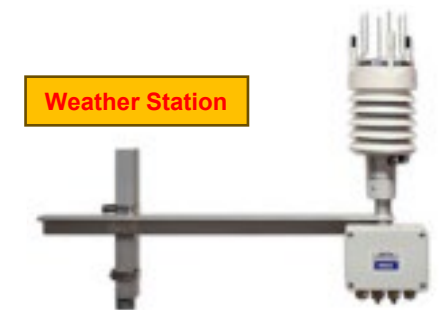
- **Switch and Field Device Automation:** Connects and automates 28 34 kV and 20 4 kV switches to SCADA network over 4 years. To date 29 switches have been connected to SCADA.
- **Capacitor Bank Upgrade Project:** Replaces 24 capacitor banks with automated capacitor banks connected to SCADA network over 4 years. To date 12 capacitor banks have been installed and connected to SCADA.
- **Substation Automation:** Connects and automates 9 substations to SCADA network over 3 years. To date 7 substations have been connected to SCADA under this project. Overall 10 of 13 substations are connected to SCADA.
- **Fuse TripSaver Automation:** Connects and automates 160 Fuse TripSaver devices (electronic fuses) to SCADA network over 4 years. To date 120 Fuse TripSavers have been connected to SCADA.
- **Substation Upgrade Projects:** Completed technical and safety updates to the Pineknoll Substation and the Palomino Substation. Working on upgrades to Maltby Substation (2025) and Lake Substation (2026).
- **Risk Modeling Capability:** Developed full field effect wildfire probability and consequence maps for 2021 & 2050 (REAX Engineering). Implemented Technosylva's Wildfire Analyst Enterprise (WFA-E) in 2022, FireSight in 2023 and Fire Potential Index (FPI) Model in 2024. In the process of implementing a utility risk model that evaluates ignition risk and PSPS risk (Direxyon). Will be upgrading Direxyon model to include PEDS.
- **Enhanced Vegetation Management:** Implemented increased radial clearances on all power lines and "blue-sky" requirement on sub-transmission lines. Since 2018, BVES has removed 1,022 hazard trees. On-going program.
- **Weather Stations:** Installed 20 weather stations providing continuous complete and overlapping weather monitoring and weather data recording in a historian with outputs available to BVES staff, BVES's weather consultant, Technosylva's WFA-E models, and to open-source forecasting (NOAA). Project is COMPLETED.
- **ALERTWildfire Cameras:** Installed 15 Cameras in 7 locations in the ALERTWildfire High Definition Camera system providing complete and overlapping coverage of the entire BVES service area and surrounding boundary areas. Project is COMPLETED.
- **Asset and Vegetation Management Enterprise Systems:** Upgraded GIS system, asset inspection database and vegetation management database.
- **Public Resources Code 4292 non-exempt equipment:** All non-exempt arrestors will be out by 2026.



HD Photography & Videography



Fire Potential Index



Weather Station

Safety Communication, Engagement from Frontline Workers & Reporting Environment



Bear Valley
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Staff Meetings led by President

Contractor Worker Meetings led by President

Monthly Safety Training Sessions

Monthly Safety Dashboard & Metrics

One-on-One Employee Meetings with President

Listening Sessions with Supervisors and Employees

Employee-Management Safety Committee Meetings

Contractor Onboarding Safety Meeting

Pre-Work Tailboards

Contractor Job Safety Meetings

Weekly Production Meetings

Contractor Safety Review

Safety Communication, Engagement from Frontline Workers

Talking Points for Employee-President One-on-One Meetings:

- 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 any way 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.
- 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.
- It is important to focus on one task at a time and avoiding distractions. While multi-tasking is present in our 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.
- We all make mistakes, and we all experience bad outcomes. What is important is to learn from these events and to share them with the team so they may also learn. We must also look at process improvements to prevent recurrence.

Be
Vigilant about
Emphasizing
Safety in all that we do!

Monthly Safety Dashboard – Through July 31, 2025

Safety Metric	2024 Results (# of events unless units specified)	Comments	July 2025 YTD Results (# of events unless units specified)	Comments
Fatalities	0		0	
Accident/Injuries	3			As of 7/31/2025, BVES is 295 days accident free
Employee Contact with High Voltage	0		0	
Ignitions	0		0	
Motor Vehicle Accidents	1		0	
Safety Improvement Opportunities	6		1	
Live Wire Down Events	1	During snowstorm	0	
Vegetation Contact with Bare Conductors	6	None during high fire risk conditions	0	
Wildfire Near Miss Event	0		1	Wire down on high risk day (de-energized side)
SAIDI (minutes)	64.2		3.8	
JHAs	252		130	
Tailboards	215		122	
WMP QCs	20		15	
Safety Training Compliance	99.7%		91%	
Vegetation Management QCs	162		89	
Safety Contractor Meetings	484		393	

Heat Stress: Heat stress can be a killer on the job site and at home. According to the CDC, an average of 702 heat-related deaths occur in the United States annually. Additionally, there are 67,512 emergency department visits due to heat annually, on average. Outside of the direct consequences such as heat stroke, heat stress can cause incidents on the job due to loss of focus or excessive fatigue. Heat-Related Illnesses are:

- **Heat Cramps:** Are painful, brief muscle cramps. Muscles may spasm or jerk involuntarily. Heat cramps can occur during exercise or work in a hot environment, or begin a few hours later.
- **Heat Exhaustion:** There are two types of heat exhaustion. 1. Water depletion- Signs include excessive thirst, weakness, headache, and loss of consciousness. 2. Salt depletion- Signs include nausea and vomiting, muscle cramps, and dizziness.
- **Heat Stroke–** Heat stroke is the most serious heat-related illness. Heat stroke can kill or cause damage to the brain and other internal organs. Heat stroke results from prolonged exposure to high temperatures — usually in combination with dehydration — which leads to failure of the body's temperature control system.

Medical Response: If anyone is displaying symptoms of a heat-related illness, it is important to get them the proper medical attention they need before the problem turns into heat stroke. For people displaying symptoms of heat exhaustion, have them stop work and get to a shaded area. The affected person needs to consume water or electrolyte-replacing sports drinks. The person should not return to work the rest of the day.

For anyone who is displaying symptoms of a heat stroke, immediate medical attention is needed. Delaying calling 911 could result in irreversible injuries or death. Symptoms of heat stroke include fainting, throbbing headache, dizziness, lack of sweating, vomiting, or behavioral changes such as confusion. The person should be cooled down immediately in a shaded area or indoors. DO NOT put ice-cold water on the victim, as this can cause shock. Use cool water to lower the body temperature of the victim. Remove any unnecessary clothing and fan the victim until medics arrive.

Safe Work Practices to Prevent Heat-Related Illnesses:

- Allow for acclimatization to a hot environment before any strenuous work begins. It takes roughly two weeks for an individual to acclimate to a hot environment.
- Drink plenty of water during strenuous activities, especially in hot environments. An average person sweats between roughly 27 oz. to 47 oz. per hour during intense labor. To put that amount into perspective, an average water bottle holds 16.9oz.
- Take frequent breaks in the shade or indoors where there is AC.

August Safety Training: Heat Illness Prevention

Lessons Learned

- **Permitting is lengthy and challenging process.** USFS: understaffed, requirements change, many items on USFS workload with no way for USFS to prioritize permitting commitments.
- **Situational Awareness and Forecasting.** Implementation of Fire Potential Index (FPI) has provided BVES more granularity in evaluating operational actions to mitigate wildfire risk.
- **Supply Chain.** Procurement lead time for large and technically advanced electrical equipment (substation transformers, intelligent switchgear and reclosers, capacitor banks, etc.) is extremely lengthy (15-18 months).
- **Risk based planning.** By transitioning to risk models that provide risk analysis at the segment level, BVES is now able to prioritize its grid hardening efforts in its highest risk spots with significant precision.
- **PSPS Preparation.** The feedback from Drills and Table-Top Exercises are vital to the advancement of BVES programs, specifically those related to PSPS.
- **PSPS Operational Coordination and Standardization.** Standardizing naming conventions and processes across different operational aspects to minimize confusion and errors. During tabletop exercises, participants reported confusion in the naming convention. Ensure simple naming conventions when disseminating information. Consider colors/numbers and clear/concise naming. Consider using an unfamiliar audience to see if they can understand the convention.
- **Covered Conductor Working Group.** Covered conductors working group reports have provided an excellent technical basis for making grid design and maintenance decisions.
- **Risk Model Working Group.** The Risk Model Working Group has provided BVES with significant amount of detailed information concerning Risk Modeling especially from the other Utilities.
- **Utility Vegetation Management Best Practices for Wildfire Safety.** The meeting on Utility Vegetation Management Best Practices for Wildfire Safety has provided BVES with beneficial insight into considerations for vegetation management program improvements.

WMP Joint IOU Monthly Meetings

- Highly effective collaboration.
- Invaluable content and development of relationships that allow for further collaboration.
- Examples where BVES has gained insight:
 - Protective Equipment and Device Settings (PEDS)
 - PSPS thresholds

QA/QC Processes



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- BVES has implemented a Quality Management Plan that provides the framework for:
 - **Quality Assurance:** Focus is on providing confidence requirements are fulfilled. Aimed at the processes and specifications.
 - **Quality Control:** Focus is on fulfilling quality requirements – inspection aspect of quality management.
- Example: Early in the switch & field device project, we installed a switch that did not operate properly. We instituted a requirement that any device must be “bench tested” by BVES or a qualified 3rd Party (separate from the manufacturer) prior to going out the field. This requirement was applied widely beyond the switch & field project.
- BVES is small; therefore, often 100% inspection is possible.
 - All vegetation clearing work is inspected by 3rd Part Certified Arborist.
 - All field construction work is inspected by experienced Foreman (Lineman) and all Work Orders are audited to include as-build drawings and actual equipment and material used for the work against the Work Order specification.
- Asset and Vegetation Management Inspections
 - 100% QA audit of results.
 - 100% of findings are QC field checked.
 - QA/QC discrepancies are sent to the contractor or BVES Field Inspector for further resolution and training.
 - When failure rates do not meet passing rate, contractor or BVES Field Inspector is suspended from inspections until issue is understood and resolved.
 - Inspection findings are cross checked.
- When problems are encountered, we conduct root cause analysis, and we look at the process(es) involved to see how to improve it to prevent recurrence.

Quality Management

Quality Assurance

Pro-active
Goal is to Prevent Defects
Staff Function
Focused on Process
Quality Audits

Quality Control

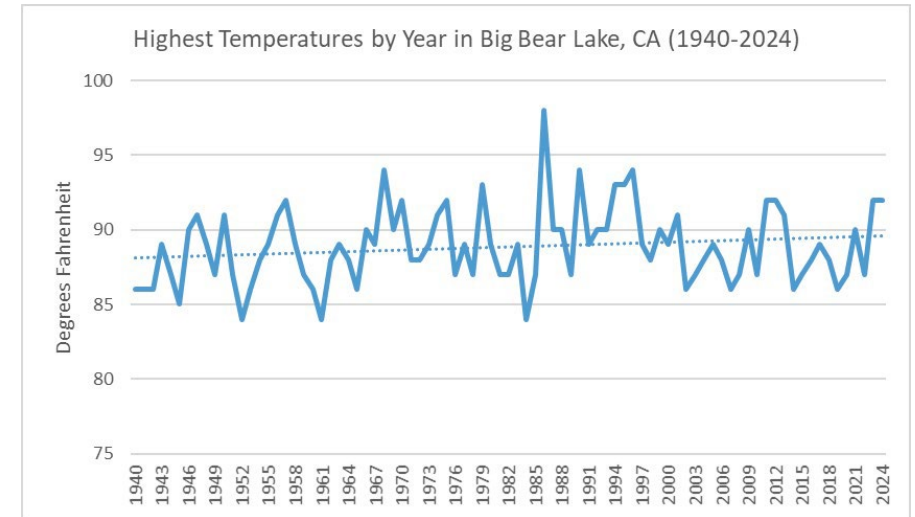
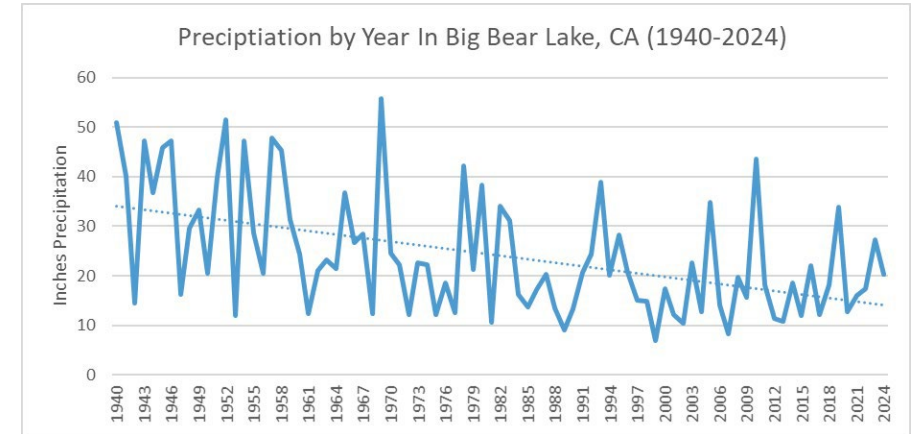
Reactive
Goal is to detect defects or errors
Focused on Product
Line Function
Testing/Sampling

Climate Adaptation Strategy



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- San Bernardino County's Climate Change Vulnerability Assessment states: *"As temperatures increase and precipitation levels decline, it is expected that wildfires will be more frequent and of greater intensity. Additionally, individual fires are expected to be larger. The mountain region of the county faces the greatest risk..."*
- Bear Valley's WMP is designed to consider that the environmental conditions that make its service area vulnerable to catastrophic wildfire are expected to worsen over time as a result of climate change.
- In running the Technosylva FireSight model (quantifies risk from each asset), Bear Valley had Technosylva use future (2030) projected fuels and environmental conditions so that the wildfire mitigation planning is forward-looking and includes the impact of dynamic climate change in the selection and implementation of WMP initiatives.
- Because the grid hardening mitigations have a long-lasting impact on ignition risk reduction and the planning and implementation timelines for grid hardening initiatives are lengthy, it is appropriate to use projected future environmental conditions in line with climate change.



New Technologies & Innovation

- **Satellite Imaging Inspection:** BVES contracted AiDash to conduct one satellite imaging scan per year of the entire service territory.
 - Imagery provides data on tree mortality, grow-ins, and encroachments to BVES equipment.
 - Uses AI-based future state modeling and projections of the collected imagery to provide vegetation management assessments and planning.
- **iSIU (Instant Situational Insights® for Utilities):** provides continuously automated monitoring of asset physical condition as well as ignition monitoring.
 - Consists of camera units (nodes) that contain AI sensors, communication modules, processors, and power supply.
 - Nodes allow for autonomous monitoring of the power line infrastructure and can advise the remote maintenance, inspections, or operator crews on equipment status and potential hazardous events.
- **Retrofitting Powerlines with Insulation:** Working with a company, Witching Hour, which is developing a robotic system and an advanced insulation material to insulate existing power lines. The system uses a heavy-lift drone to place a small robot onto a live power line. As the robot moves between spans, it insulates the wire beneath it. The coating self-adheres and is lightweight. The result is wildfire risk reduction at a fraction of the time and cost of current techniques. Expect to field test in Q4 2025 or Q1 2026.



Benchmarking

- BVES is an active participant in:
 - WMP Joint IOU Monthly Meetings
 - Joint IOU/Access and Functional Needs Collaborative Council Meeting
 - Risk Model Working Group
- BVES participates in WMP related conferences and workshops:
 - PG&E Utility Wildfire Mitigation Conference
 - Utility Wildfire Mitigation Symposium
 - Wildfire Mitigation for Utilities Conference
 - Centre for Energy Advancement through Technological Innovation (CEATI)
- Review of Publicly Available Reports and Plans
 - Wildfire Mitigation Plans and Updates
 - Quarterly Notification Letters
 - Quarterly Data Reports
 - Annual IOU Reliability Reports
 - Annual IOU Fire Ignition Data Collection Report
 - IOU Post-Event PSPS Reports
 - IOU Post Season PSPS Reports
 - IOU Pre-Season PSPS Reports



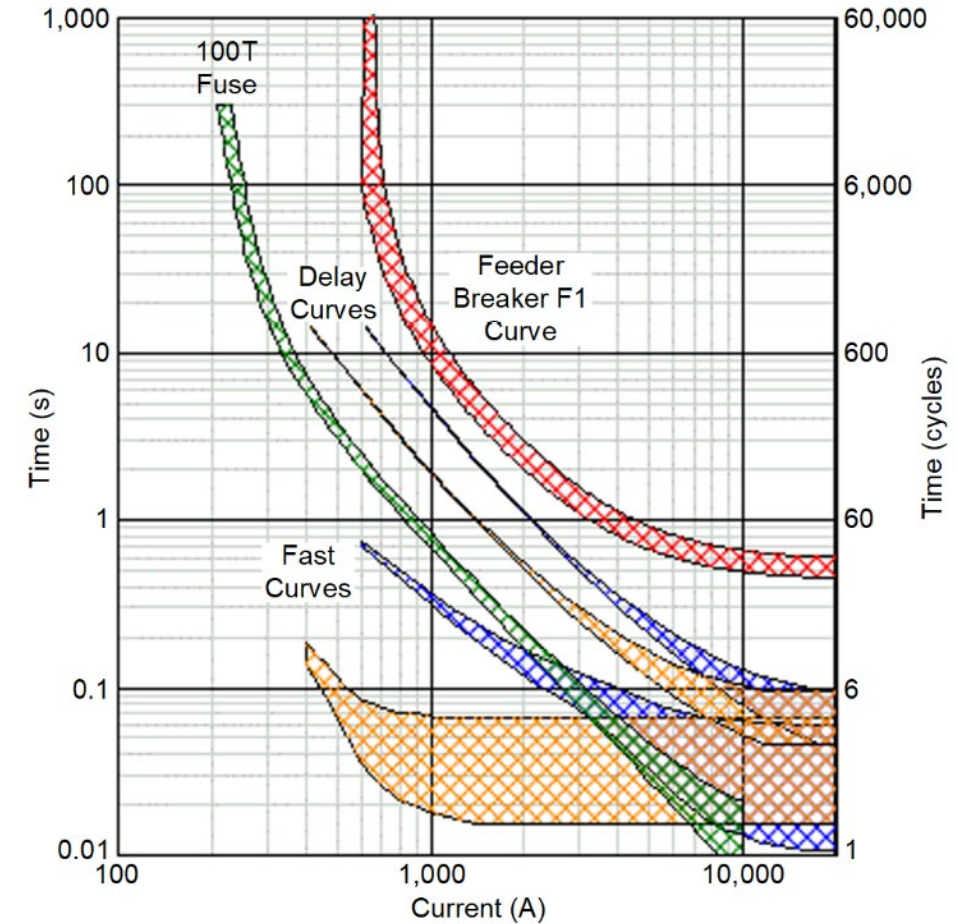
PSPS Progress, Improvements, & Challenges

- Fire Potential Index (FPI) – implemented in January 2024.
 - Daily battle rhythm includes sending out FPI to key staff and contractors.
 - Refined table of operation actions based on FPI and wind thresholds.
- Weather consultant provides forecasts.
- BVES is implementing Protective Equipment and Device Settings (PEDS) program – first circuits in October 2025 timeframe – maybe sooner.
- Coordination with Southern California Edison (SCE)
 - Formal notification in place with SCE Incident Management Team (IMT)
 - BVES key players visited SCE IMT in May 2025
 - Established excellent communications at following levels:
 - ☐ Executive
 - ☐ Account Manager
 - ☐ IMT/Customer Care
 - ☐ Operational Team (Control Stations)

Operational Action	FPI Level			
	Very Low and Low	Moderate	High	Very High/Extreme
Auto-Reclosers and Protective Switches with Reclosing Capability	Automatic	Manual (Non-Automatic)	Manual (Non-Automatic)	Manual (Non-Automatic)
Patrol following circuit or feeder outage	No	Yes	Yes	Yes
Fuse TripSavers	Automatic	Manual (Non-Automatic)	Manual (Non-Automatic)	Manual (Non-Automatic)
Designate which circuits are under: (1) Consideration (2) In Scope	No	No	Yes	Yes
Deploy Wildfire Risk Team(s) to circuits "In Scope".	No	No	Yes	Yes
Cease using any spark-producing tools and equipment for circuits under consideration or in scope.	No	No	Yes	Yes
Cease vegetation management work for circuits under consideration or in scope.	No	No	Yes	Yes
Cease "high risk" energized line work for circuits under consideration or in scope. ⁶	No	No	Yes	Yes
Conduct additional patrols in high risk areas as directed by the Field Operations Supervisor and Wildfire Mitigation & Reliability Engineer.	No	No	Yes	Yes
Forward to Field Operations updated list of medical baseline customers and impacts access and functional needs population.	No	Yes	Yes	Yes
Review Local Government, Agencies, First Responders, Critical Infrastructure, and Stakeholder notification lists and procedures.	No	Yes	Yes	Yes
Review customer notification procedures.	No	Yes	Yes	Yes
Activate EOC.	No	No	Yes	Yes
Initiate Local Government, Agencies, First Responders, Critical Infrastructure, and Stakeholder notification in accordance with BVES PSPS Procedures.	No	No	Yes	Yes
Initiate customer notification in accordance with BVES PSPS Procedures.	No	No	Yes	Yes
Prepare Bear Valley Power Plant for sustained operations.	No	No	Yes	Yes
Conduct switching operations to minimize impact of potential PSPS activity	No	No	Yes	Yes
Activate first responder, local government and agency, customer and community, and stakeholders PSPS communications plan.	No	No	Yes	Yes
Activate Community Resource Centers.	No	No	Yes	Yes
Invoke Public Safety Power Shutoff.	No	No	Per Table 4-5 Thresholds	Per Table 4-5 Thresholds

PSPS: PEDS & Customers with AFN

- As previously noted, BVES is implementing Protective Equipment and Device Settings (PEDS) program – first circuits in October 2025 timeframe – maybe sooner.
- Protocols are under development for AFN on PEDS enabled circuits:
 - Field Operations will alert Customer Service on which circuits PEDS are enabled.
 - Customer Service provides Field Operations list of AFN customers on the PEDS enable circuits.
 - If a PEDS outage occurs, Field Operations will patrol (typical patrol on takes about 1-2 hours maximum).
 - If outage is expected to go beyond 2 hours, Field Operations will coordinate with Customer Service to provide assistance to AFN customers.



PSPS: Community Communications & Preparedness



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How is BVES coordinating with local officials and residents regarding outages?

BVES maintains active coordination with local emergency management agencies through regular meetings, community engagement and a 24/7 public safety liaison to support timely communication during outages.

What measures has BVES taken to prepare communities for outages, especially rural and tribal communities that rely on electricity for pumping water?

Community-specific outreach, including printed materials, in-person briefings and coordination with local water agencies enhance PSPS awareness, infrastructure resilience and emergency response.



PSPS: Improvements & Changes in 2025



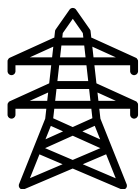
PSPS Thresholds

Refined weather and vegetation modeling to minimize the impact PSPS events have on customers.



Community Resource Center Plan

Local Community Resource Center with additional services such as device/medical equipment charging capabilities and expanded amenities.



Critical Facilities & Infrastructure Plan

Annual review and coordination to implement robust backup systems at essential facilities.



Notification Plan

Multilingual, real-time updates via text, phone calls, social media and on the BVES website.



Education & Outreach

BVES launched a year-round public education campaign through schools, events and virtual programs focused on PSPS readiness and electrical safety.

PSPS: Overview Of Lessons Learned in 2024

Key Takeaways:

- Quicker power restoration
- Improved insight into localized weather threats
- Enhanced customer support during PSPS event
 - *BVES responded by deploying additional field crews, enhancing grid automation and refining outage management systems.*

Through the Joint Utilities Working Group:

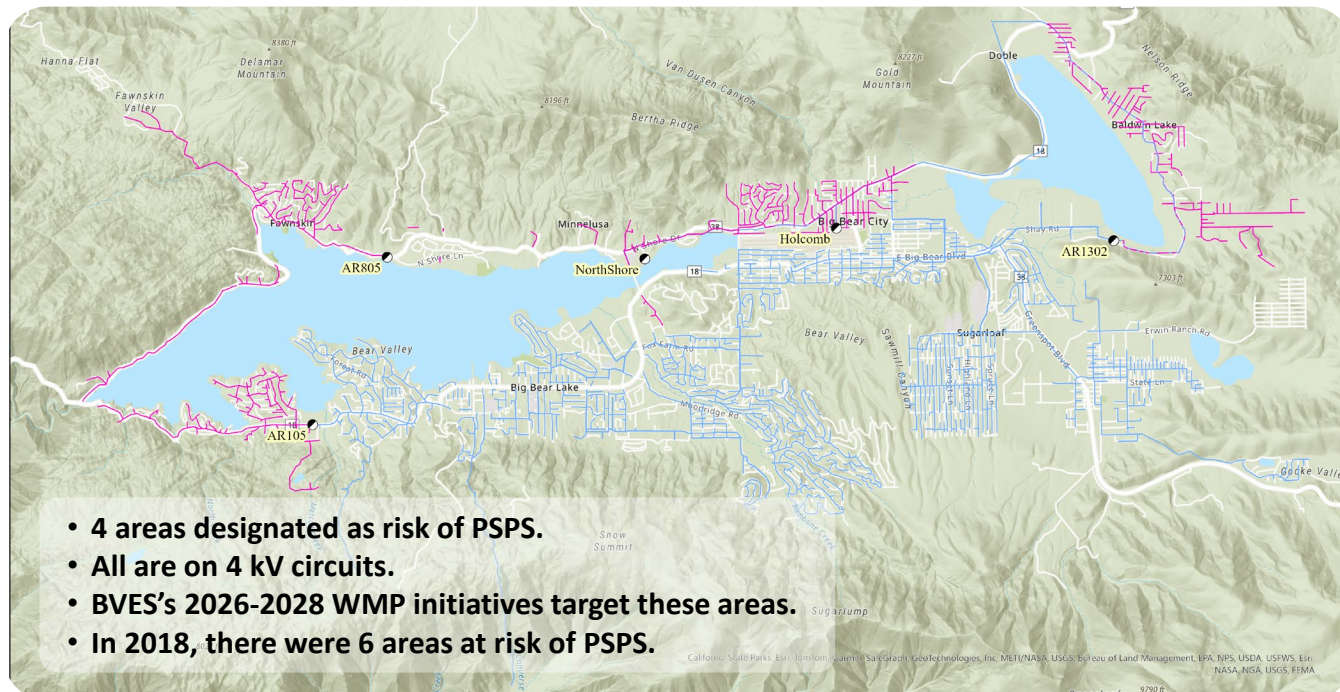
BVES addressed notification fatigue and forecasting limitations by joining pilot programs to test advanced weather models, streamline communications and enhance mutual aid coordination during fire weather events.



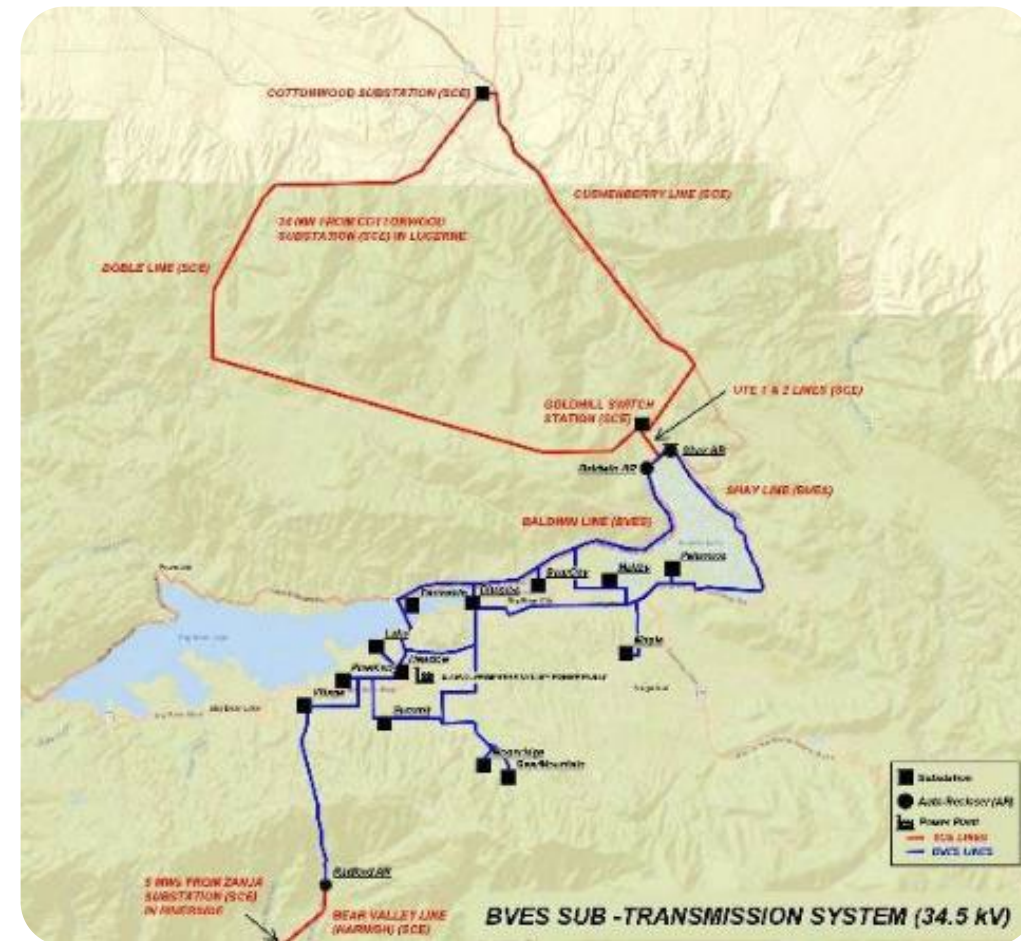
PSPS: Overview of Grid Hardening and Mitigation Measures



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- Covered Conductor Replacement Project.
- Solar and Battery Storage Project.
- Switch and Field Device and Substation Automation Project.
- Equipment Settings to Reduce Wildfire Risk.





Questions

APPENDIX G

BEAR VALLEY'S QUARTERLY NOTIFICATION LETTERS

SINCE LAST SAFETY CERTIFICATION REQUEST



Bear Valley Electric Service, Inc.
P.O. Box 9028
San Dimas, CA 91773-9028
A Subsidiary of American States Water Company

November 1, 2024

Via E-Mail

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

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

Subject: Bear Valley Electric Service, Inc.'s Quarterly Notification Pursuant to Public Utilities Code section 8389(e)(7)

Background: Public Utilities Code (“PUC”) section 8389(e) establishes the requirements for annual safety certifications, including quarterly notification of the Office of Energy Infrastructure Safety and an information-only submittal of the same notification to the California Public Utilities Commission regarding an electrical corporation's progress in implementing its approved wildfire mitigation plan and the recommendations from its most recent safety culture assessments (pursuant to both PUC section 8386.2 and section 8389[d][4]), a statement of the recommendations of the board of directors safety committee from meetings that occurred during the quarter, and a summary regarding the progress in implementing the safety committee recommendations from the electrical corporation’s previous quarterly notification and information-only submittal.

Discussion

1. Quarterly Information-Only Submittal to the CPUC.

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 at safetypolicycentralfiles@cpuc.ca.gov, and serving the following service lists: Order Instituting Rulemaking (R.) 21-10-001 (Order Instituting Rulemaking to Develop Safety Culture Assessments for Electric and Natural Gas Utilities) and R.18-10-007 (Order Instituting Rulemaking to Implement Electric Utility Wildfire Mitigation Plans Pursuant to Senate Bill 901), or their successors, and the service lists for Bear Valley’s most recent general rate case (GRC) application proceeding. Additionally, this filing will be posted to the BVES website at <https://www.bvesinc.com/safety/wildfire-mitigation-plan>.

Q3 2024 Notification Letter

2. Quarterly Progress Report on WMP Implementation.

Bear Valley tracks 77 initiatives proposed in its 2023-2025 Wildfire Mitigation Plan (“WMP”). Bear Valley’s WMP initiatives are designed to mitigate the risk of wildfire due to a fault on the electric system and reduce the risk of Public Safety Power Shut-offs (PSPS) to customers. These mitigations are categorized across six categories within the WMP, which are: Grid Design, Operations and Maintenance, Vegetation Management and Inspections, and Situational Awareness and Forecasting, Emergency Preparedness, Community Outreach and Engagement, Overview of the Service Territory, and Risk Methodology and Assessment.

In Attachment A, Bear Valley provides an initiative summary of progress for individual mitigation measures during Q3 2024. Bear Valley’s quarterly initiative summary presentation includes information submitted to the OEIS under the Quarterly Data Report (“QDR”) filings for Q3 2024 prepared in accordance with Energy Safety Data Guidelines (Version 3.2) of January 30, 2024.

2.1. Overview of Significant Achievements.

BVES made significant progress in achieving its WMP initiative targets for 2024. As of the end of Q3 2024, some of the more significant achievements were:

- Replaced 12.64 circuit miles of bare wire with covered conductor, which exceeds the end of Q1-Q3 target 7.0 circuit miles.
- Replaced 247 poles, which exceeds the 2024 target of 200 poles.
- Installed fire-resistant wire mesh on 1,095 wood poles exceeding the 2024 target to harden 500 poles along the evacuation routes.
- Removed 104 tree attachments, which exceeds the annual 2024 target of 100 tree attachments removals.
- Automated two substation, which is on target for Q1-Q3.
- Conducted 117 substation inspections, which exceeds the end of Q1-Q3 target of 108 substation inspections.
- Cleared vegetation encroachment around 61 circuit miles, which exceeds the end of Q1-Q3 target of 54 circuit miles.
- Removed 86 hazard trees with fall-in risk, which exceeds the end of Q1-Q3 target of removing 66 trees.
- Conducted 719 public and outreach and education actions on PSPS and WMP, which exceeds the Q1-Q3 target of 270 public engagement actions.
- Completed the following asset inspections:
 - Detailed Inspection per GO-165 (Q1-Q3 target: 40 circuit miles/actual: 42 circuit miles)
 - Patrol Inspection per GO-165 (Q1-Q3 target: 153 circuit miles/actual: 166 circuit miles)
 - UAV Thermography (2024 target: 205 circuit miles/actual: 205 circuit miles)
 - UAV HD Photography/Videography (2024 target: 205 circuit miles/actual: 205 circuit miles)
 - LiDAR Inspection (2024 target: 205 circuit miles/actual: 205 circuit miles)
 - 3rd Party Ground Patrol (2024 target: 205 circuit miles/actual: 205 circuit miles)
 - Intrusive Pole Inspection (2024 target: 850 wood poles/actual: 850 wood poles)

Q3 2024 Notification Letter

- Completed the following vegetation inspections:
 - Detailed Inspection per GO-165 (Q1-Q3 target: 40 circuit miles/actual: 42 circuit miles)
 - Patrol Inspection per GO-165 (Q1-Q3 target: 153 circuit miles/actual: 166 circuit miles)
 - UAV HD Photography/Videography (2024 target: 205 circuit miles/actual: 205 circuit miles)
 - LiDAR Inspection (2024 target: 205 circuit miles/actual: 205 circuit miles)
 - 3rd Party Ground Patrol (2024 target: 205 circuit miles/actual: 205 circuit miles)

2.2. Overview of Delays or Problems That Arose.

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 2.0 miles of covered conductor and replaced 64 poles as of the end of Q3 2024. The project was suspended for the month of September 2024 due to the Line Fire, which restricted entry into the USFS controlled areas and impacted the ability to fly work helicopters to the work area. Despite this lost production time, the project is on track to be completed by year-end 2024.

Four initiatives, Switch and Field Device Automation Project, Fuse TripSaver Automation Project, Install Fault Indicators Project, and Capacitor Bank Upgrade Project are behind their Q1-Q3 targets as follows:

<u>Initiative</u>	<u>Q1-Q3 Target</u>	<u>Q1-Q3 Actual</u>
Switch and Field Device Automation (GD_13)	10	6
Fuse TripSaver Automation (GD_15)	41	18
Install Fault Indicators (SAF_2)	30	21
Capacitor Bank Upgrade (GD-14)	6	1

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. While the staffing issues were resolved and Bear Valley had implemented a detailed plan to get these initiatives back on track, additional challenges developed in Q3 2024. The challenges included key staff being impacted by COVID, key staff and contractors being impacted by the Line Fire (mandatory evacuations and closure of roads to Big Bear Lake during September 2024), a break in underground fiber optic conduit at one of the data communications nodes, and problems with radio data transfer routes. Despite these challenges, BVES did make progress in Q3 on the initiatives. BVES expects to achieve its annual targets for these initiatives.

In Bear Valley’s QNL for Q2 2024, Bear Valley reported it was behind target to conduct vegetation abatement on 8 of 13 substations in Q2 2024 for the Substation Defensible Space initiative. Vegetation abatement was completed for all 13 substations in the first week of July

Q3 2024 Notification Letter

2024 achieving the 2024 target.

3. Quarterly Progress Report on Implementing Safety Culture Assessment Recommendations.

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.

In response to this recommendation, BVES has implemented a strategy to further improve contractor safety culture as follows:

- 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 is 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 the 2023 SCA as well as past SCAs. (completed in June 2024)
 - Conduct listening sessions to better understand and respond to contractor perceptions. (Scheduled for November 2024.)
 - Increase presence of leadership at job sites to witness challenges encountered by contractors. (Implemented in July 2024 and ongoing.)
 - Increase training to improve the ability of frontline supervisors to communicate effectively with contractors and ultimately improve the safety culture among contractors. (Completed in July 2024.)
 - Conduct training to make sure contractors understand how their work is an integral part of the BVES Wildfire Mitigation Plan and impacts public safety. (Scheduled for November 2024.)
 - Reach out to other investor owned utilities (IOUs) to develop best practices for improving contractor safety culture. (In progress. Reached out in July 2024 and

Q3 2024 Notification Letter

discussions are ongoing.)

- Add "Contractor Engagement Strategy" as a BVES Safety Culture Objective in Bear Valley's 3-year Safety Culture Plan (fully achieve objective by 2026). (Completed in September 2024.)

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 implemented a strategy to address the 2023 SCA 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. (Completed in July 2024. Scheduling another session in January 2025.)
- 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. (Completed in September 2024. One-on-one employee meetings is now an ongoing process year round.)
- 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 any way 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;
 - 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 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; and

Q3 2024 Notification Letter

- 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. (Training is scheduled for November 2024.)

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 has implemented the following plan of action to Strengthen Safety-Enabling Systems:

- Develop and implement improved protocols for responding to safety events (near misses and hazards), including their reporting and management. (Completed June 2024. Bear Valley is not evaluating an electronic way to report “Improvement Opportunities” – “Near Misses” are not referred to as “Improvement Opportunities” at BVES.)
- 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. (Scheduled for November 2024.)
- 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.). (Completed August 2024.)
- Incorporate “improvement opportunities” (near-miss and hazard) reporting into Bear Valley’s behavior based safety program implementation. (Scheduled for January 2025.)
- Set up training class to introduce Behavioral Based Training for the operations crews. (Scheduled for January 2025.)

4. Board of Directors Safety and Operations Committee Recommendations.

4.1. Recommendations from the Most Recent Quarter.

During Q3 2024, the Safety and Operations Committee (“Safety Committee”) met once on August 22, 2024. The Safety Committee recommended approval of an increase to the 2025 Capital Investment budget so that BVES management could order long-lead equipment and material to support the WMP grid hardening projects to further reduce the risk of wildfire and PSPS events. This recommendation was approved by the BVES Board of Directors.

4.2. Progress on Previous Recommendations.

Q3 2024 Notification Letter

At the Committee meeting on February 22, 2024, the Committee agreed with management's decision to accept and implement the recommendations of the 2023 Safety Culture Assessment (SCA). Additionally, the Committee agreed with the plan of action management proposed to implement the 2023 SCA recommendations. Bear Valley has implemented a plan of action to implement all of the 2023 SCA recommendations. Many of the action items on the plan of action are either completed or in progress and Bear Valley aims to complete the 2023 SCA plan of action by January 2025.

There are no outstanding or unresolved prior Safety Committee recommendations.

4.3. Summary of Significant Topics Covered at Safety And Operations Committee Meetings.

On August 22, 2024, the Safety Committee heard presentations and conducted discussions on the following topics of significance on current safety items at BVES including:

- Wildfire Mitigation Plan compliance;
- WMP initiative targets, progress on achieving the targets, resourcing WMP initiatives, and challenges in executing WMP initiative targets;
- Status of implementing 2023 SCA recommendations;
- Safety certification and progress in achieving the requirements to obtain a safety certification;
- Safety metrics and performance;
- Draft results of 2023 Independent Evaluator Annual Report of Compliance of 2023 WMP Initiatives;
- Funding and resourcing of WMP initiatives;
- Status of engaging an expert consultant to examine the possible use of Fast Trip Settings (protective settings) to reduce the likelihood of ignitions in the BVES sub-transmission and distribution system; and
- Public safety power shut-off (PSPS) processes and preparations.

Sincerely,

/s/ Paul Marconi
President, Treasurer and Secretary
Bear Valley Electric Service, Inc.
Email: Paul.Marconi@bvesinc.com
Tel: (909) 202-9539

Attachment A

Initiative Summary of Progress for Individual Mitigation Measures during Q3 2024



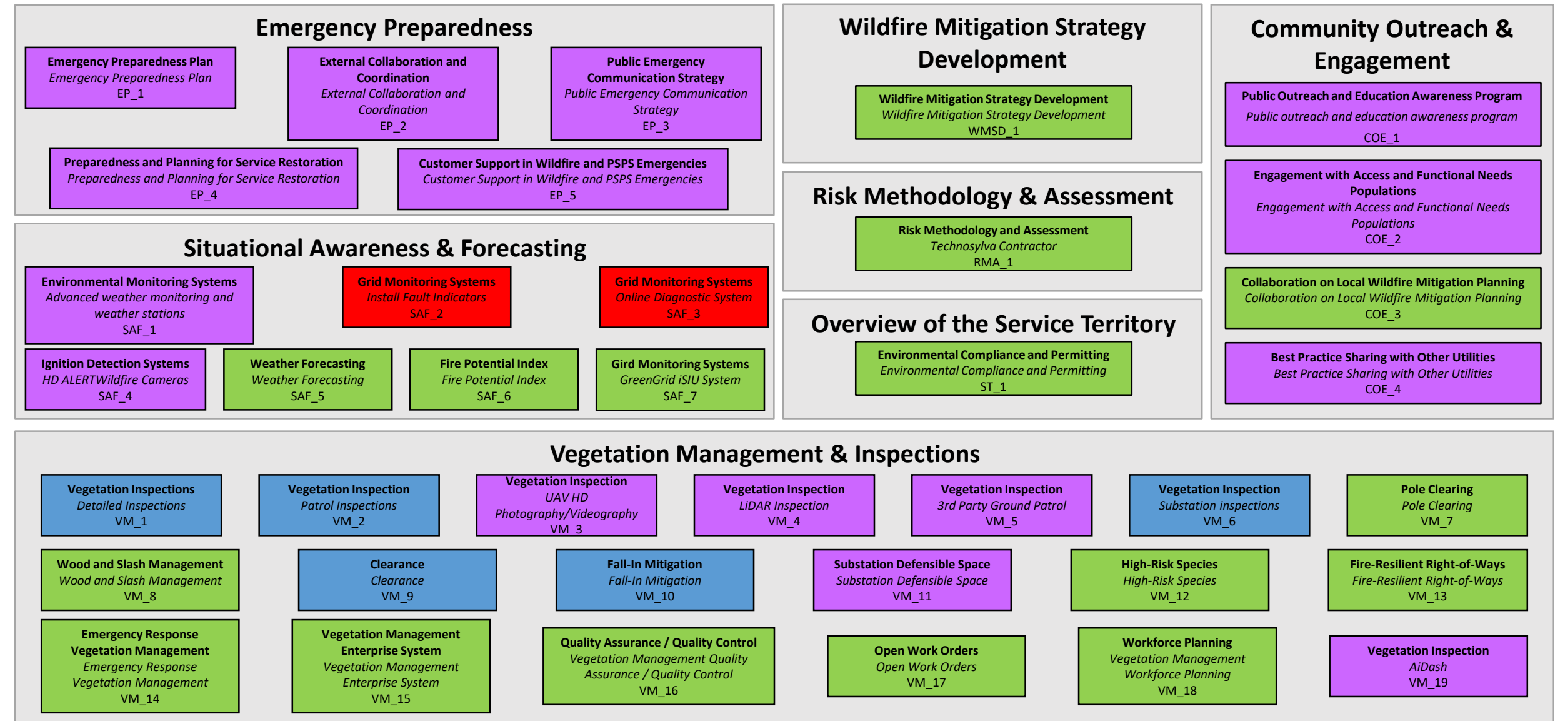
Wildfire Mitigation Plan Quarterly Notification Letter Initiatives Update

Bear Valley Electric Service, Inc.

Q3 2024

WMP Activity Summary

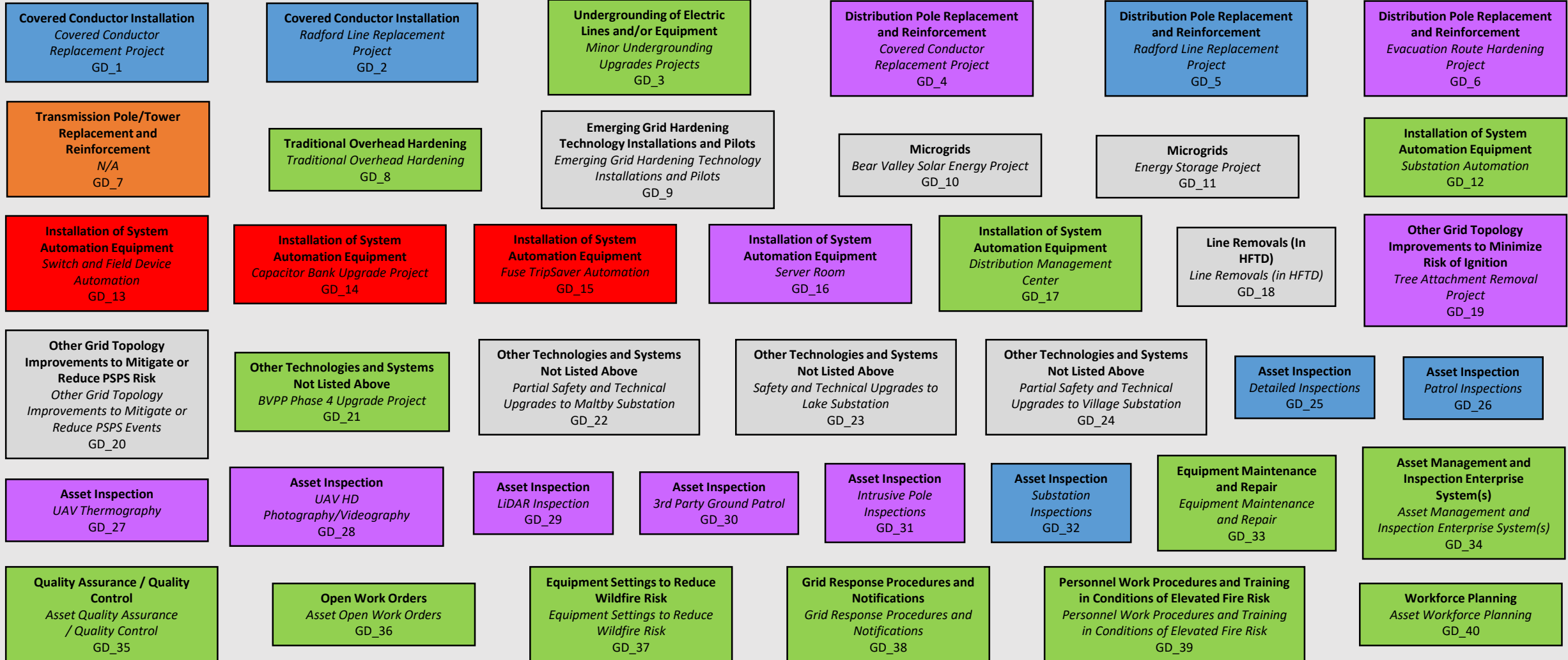
Not Started
 Completed/Ongoing
 Ahead of Plan
 On Track
 Off Track
 Not Currently Scheduled*



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

Emergency Preparedness Plan
EP_1

**Established /
Ongoing**

External Collaboration and Coordination
EP_2

**Established /
Ongoing**

Public Emergency Communication Strategy
EP_3

**Established /
Ongoing**

Preparedness and Planning for Service Restoration
EP_4

**Established /
Ongoing**

Customer Support in Wildfire and PSPS Emergencies
EP_5

**Established /
Ongoing**

Emergency Preparedness and Response Program and PSPS Plan:

Volume vs 2024 Goal: BVES did not record an emergencies in Q3 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.

Community Outreach & Engagement

Public Outreach and Education Awareness Program
COE_1

Completed

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 719 outreach activities as of Q3 exceeding its annual target. While BVES will continue outreach in Q4, this initiative is considered completed for 2024.

Collaboration on Local Wildfire Mitigation Planning
COE_3

On Track

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.

Engagement with Access and Functional Needs Populations
COE_2

Completed

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. As of Q3 BVES verified the AFN list, and associated needs 20 times exceeding its annual target 12. While BVES will continue this initiative in Q4, this initiative is considered completed for 2024.

Best Practice Sharing with Other Utilities
COE_4

Completed

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 70 conferences, working groups and meetings as of the end of Q3 exceeding its annual target. While BVES will continue this initiative in Q4, this initiative is considered completed for 2024.

WMP Activities Status vs. WMP Activity Goals

Situational Awareness & Forecasting

Environmental
Monitoring Systems
SAF_1
**Advanced Weather
Monitoring and
Weather Stations
Completed**

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 2024 maintenance needs of the weather equipment were met in Q3.

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 21 of the 30 fault indicators planned for Q3. BVES is currently off track. BVES has implemented a detailed plan to achieve its annual the target for 2024.

Grid Monitoring Systems
SAF_3
**Online Diagnostic
System
Off 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 did not install online diagnostic capability on 1 circuit in Q3 2024 as projected due to delays in receipt of equipment. The equipment has been received and BVES will install the online diagnostic equipment on 1 circuit in Q4 2024.

Ignition Detection
Systems
SAF_4
**HD ALERTWildfire
Cameras
Completed**

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 42.0 circuit miles of detailed inspection as of Q3 exceeding its Q3 target of 40 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 166 circuit miles of patrol inspection as of Q3 exceeding its Q3 target of 153 circuit miles and is ahead of schedule for 2024.

Vegetation Inspection
VM_3
**UAV HD Photography /
Videography
Completed**

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 completed 205.0 circuit miles of UAV HD Photography/Videography inspection in Q3 and has completed this initiative for 2024.

Vegetation Inspection
VM_4
**LiDAR Inspection
Completed**

LiDAR Inspection:

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

Key Actions: BVES completed 205.0 circuit miles of LiDAR inspection in Q3 and has completed this initiative for 2024.

Vegetation Inspection
VM_5
**3rd Party Ground Patrol
Completed**

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 completed 205.0 circuit miles of 3rd party ground patrol inspection in Q3 and has completed this initiative for 2024.

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

Substation Inspections:

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

Key Actions: BVES conducted 117 substation inspections exceeding its Q3 target of 108 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
Ahead of Plan

Vegetation Clearance:

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

Key Actions: BVES completed 61 circuit miles of clearing as of Q3 and is ahead of schedule 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 86 tree removals as of Q3 exceeding its Q3 target of 66. 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
Completed

Substation Defensible Space:

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

Key Actions: BVES completed 13 substation abatements in Q3 and this initiative is completed for 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 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 4 audits as of Q3 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 Q3.

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
Completed**

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: AiDash satellite survey was conducted in Q3 and this initiative is completed for 2024.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

<div>Covered Conductor Installation GD_1 Covered Conductor Replacement Program Ahead of Plan</div>	<p>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 12.64 circuit miles of bare conductors with covered conductors as of Q3 exceeding its target for Q3. BVES is ahead of schedule for the Covered Conductor Replacement Program.</p>	<div>Distribution Pole Replacement and Reinforcement GD_5 Radford Line Replacement Project Ahead of Plan</div>	<p><u>Distribution Pole Replacement and Reinforcement (Radford Line Replacement Project):</u> 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 64 poles as of Q3 exceeding its target for Q3. BVES is ahead of schedule to complete this project by the end of 2024.</p>
<div>Covered Conductor Installation GD_2 Radford Line Replacement Project Ahead of Plan</div>	<p><u>Radford Line Replacement Project:</u> 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 2.0 circuit miles of covered conductors as of Q3 exceeding its target for Q3. BVES is ahead of schedule to complete this project in 2024.</p>	<div>Distribution Pole Replacement and Reinforcement GD_6 Evacuation Route Hardening Project Completed</div>	<p><u>Distribution Pole Replacement and Reinforcement:</u> Volume vs 2024 Goal: BVES plans to complete install wire mesh on 500 poles in 2024. Key Actions: BVES installed wire mess wrap on 1,095 poles as of the end of Q3 exceeding its 2024 target. This initiative is completed for 2024.</p>
<div>Undergrounding of Electric Lines and/or Equipment GD_3 Minor Undergrounding Upgrades Projects On Track</div>	<p><u>Minor Undergrounding Upgrades Projects:</u> Volume vs 2024 Goal: BVES conducts minor undergrounding projects on an as needed basis. There were no proposed or initiated undergrounding projects in Q3. Key Actions: No undergrounding projects were proposed or initiated in Q3.</p>	<div>Transmission Pole/Tower Replacement and Reinforcement GD_7 Not Applicable</div>	<p><u>Transmission Pole/Tower Replacement and Reinforcement:</u> Volume vs 2023 Goal: BVES does not own or operate any transmission assets. Key Actions: N/A.</p>
<div>Distribution Pole Replacement and Reinforcement GD_4 Distribution Pole Replacement and Reinforcement Completed</div>	<p><u>Distribution Pole Replacement and Reinforcement:</u> Volume vs 2024 Goal: BVES plans to complete 200 pole replacements in 2024. Key Actions: BVES has completed 247 poles replacements as of Q3 exceeding its annual target. This initiative is completed for 2024.</p>	<div>Traditional Overhead Hardening GD_8 On Track</div>	<p><u>Traditional Overhead Hardening:</u> 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 Q3.</p>

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

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.

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

Key Actions: BVES automated 2 substations as of Q3 and 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 6 field switches to SCADA as of Q3 falling short of its target of 10 for Q3. BVES is currently off track but has implemented a detailed plan to achieve the annual target for 2024.

Installation of System
Automation Equipment
GD_14

**Capacitor Bank Upgrade
Project
Off 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 as of Q3 falling short of its target of 6 for Q3. BVES is currently off track but has implemented a detailed plan to achieve the annual target for 2024.

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 18 Fuse TripSavers to SCADA as of Q3 falling short of its target of 41 for Q3. BVES is currently off track but has implemented a detailed plan to achieve annual the target for 2024.

Installation of System
Automation Equipment
GD_16

**Server Room
Completed**

Server Room:

Volume vs 2024 Goal: BVES plans to upgrade the Server Room at its main office in 2024.

Key Actions: Project is completed.

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 construction phase and is on track to meet its 50% project completion target for 2024.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

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
Completed**

Tree Attachment Removal Program:

Volume vs 2024 Goal: BVES plans to complete 100 tree attachment removals in 2024.

Key Actions: BVES completed 104 tree attachment removals as of Q3 exceeding its target for 2024 and has completed this initiative 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 is scheduled to be completed in 2025.

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 scheduled to be completed in 2026.

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 scheduled to be completed in 2027.

Key Actions: No construction action will be taken on this program in 2024. BVES will perform project planning in 2025.

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 42 circuit miles of detailed inspection as of Q3 exceeding its Q3 target of 40 circuit miles and is ahead of schedule for 2024.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

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 166 circuit miles of patrol inspection as of Q3 exceeding its Q3 target of 153 circuit miles and is ahead of schedule for 2024.

UAV Thermography:

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

Key Actions: BVES completed 205.0 circuit miles of UAV Thermography inspection in Q3 and has completed this initiative for 2024.

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 completed 205.0 circuit miles of UAV HD Photography/Videography inspection in Q3 and has completed this initiative for 2024.

LiDAR Inspection:

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

Key Actions: BVES completed 205.0 circuit miles of LiDAR inspection in Q3 and has completed this initiative for 2024.

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 completed 205.0 circuit miles of 3rd party ground patrol inspection in Q3 and has completed this initiative for 2024.

Asset Inspection
GD_31
**Intrusive Pole
Inspection
Completed**

Intrusive Pole Inspection:

Volume vs 2024 Goal: BVES plans to conduct 850 intrusive pole inspections in 2024.

Key Actions: BVES completed 850 intrusive pole inspections in Q3 and has completed this initiative for 2024.

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

Substation Inspections:

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

Key Actions: BVES conducted 117 substation inspections exceeding its Q3 target of 108 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.

Asset Management and
Inspection Enterprise
System(s)
GD_34
On Track

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.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

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 15 asset QCs as of Q3 achieving its Q3 target of 15 and is on track meet its target for 2024.

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 Q3.

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 Q3. BVES also engaged an expert consultant to review BVES's protective settings and make recommendations to reduce the likelihood of ignitions. This project should be completed by the end of Q4.

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.

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.

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.



Bear Valley Electric Service, Inc.
P.O. Box 9028
San Dimas, CA 91773-9028
A Subsidiary of American States Water Company

February 3, 2025

Via E-Mail

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

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

Subject: Bear Valley Electric Service, Inc.'s Quarterly Notification Pursuant to Public Utilities Code section 8389(e)(7)

Background: Public Utilities Code (“PUC”) section 8389(e) establishes the requirements for annual safety certifications, including quarterly notification of the Office of Energy Infrastructure Safety and an information-only submittal of the same notification to the California Public Utilities Commission regarding an electrical corporation's progress in implementing its approved wildfire mitigation plan and the recommendations from its most recent safety culture assessments (pursuant to both PUC section 8386.2 and section 8389[d][4]), a statement of the recommendations of the board of directors safety committee from meetings that occurred during the quarter, and a summary regarding the progress in implementing the safety committee recommendations from the electrical corporation’s previous quarterly notification and information-only submittal.

Discussion

1. Quarterly Information-Only Submittal to the CPUC.

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 at safetypolicycentralfiles@cpuc.ca.gov, and serving the following service lists: Order Instituting Rulemaking (R.) 21-10-001 (Order Instituting Rulemaking to Develop Safety Culture Assessments for Electric and Natural Gas Utilities), R.18-10-007 (Order Instituting Rulemaking to Implement Electric Utility Wildfire Mitigation Plans Pursuant to Senate Bill 901), or their successors, and the service lists for Bear Valley’s most recent general rate case (GRC) application proceeding A.22-08-010. Additionally, this filing will be posted to the BVES website at <https://www.bvesinc.com/safety/wildfire-mitigation-plan>.

Q4 2024 Notification Letter

2. Quarterly Progress Report on WMP Implementation.

Bear Valley tracks 77 initiatives proposed in its 2023-2025 Wildfire Mitigation Plan (“WMP”). Bear Valley’s WMP initiatives are designed to mitigate the risk of wildfire due to a fault on the electric system and reduce the risk of Public Safety Power Shut-offs (PSPS) to customers. These mitigations are categorized across six categories within the WMP, which are: Grid Design, Operations and Maintenance, Vegetation Management and Inspections, Situational Awareness and Forecasting, Emergency Preparedness, Community Outreach and Engagement, Overview of the Service Territory, and Risk Methodology and Assessment.

In Attachment A, Bear Valley provides an initiative summary of progress for individual mitigation measures during Q4 2024. Bear Valley’s quarterly initiative summary presentation includes information submitted to the OEIS under the Quarterly Data Report (“QDR”) filings for Q4 2024 prepared in accordance with Energy Safety Data Guidelines (Version 3.2) as of January 30, 2024.

2.1. Overview of Significant Achievements.

BVES made significant progress in achieving its WMP initiative targets for 2024. As of the end of Q4 2024, some of the more significant achievements were:

- Completed the Radford Line Replacement Project (“Radford Project”) by replacing 2.7 circuit miles of bare wire sub-transmission with 3.1 circuit miles of cover conductor 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”).
- Replaced 13.32 circuit miles of bare wire with covered conductor, which exceeds the 2024 target of 12.9 circuit miles.
- Replaced 262 poles, which exceeds the 2024 target of 200 poles.
- Installed fire-resistant wire mesh on 1,095 wood poles exceeding the 2024 target to harden 500 poles along the evacuation routes.
- Removed 104 tree attachments, which exceeds the annual 2024 target of 100 tree attachments removals.
- Automated and connected to SCADA three substations, which was the target for 2024.
- Automated and connected to SCADA 10 field switches, which was the target for 2024.
- Connected to SCADA 30 fault indicators (FIs), which was the target for 2024.
- Conducted 156 substation inspections, which exceeds the 2024 target of 144 substation inspections.
- Cleared vegetation encroachment around 99.5 circuit miles, which exceeds the 2024 target of 72 circuit miles.
- Remediated or removed 182 hazard trees with fall-in risk, which exceeds the 2024 target of remediating or removing 88 trees.
- Conducted 1,013 public and outreach and education actions on PSPS and WMP, which exceeds the 2024 target of 360 public engagement actions.
- Completed the following asset inspections:
 - Detailed Inspection per GO-165 (2024 target: 51 circuit miles/actual: 51 circuit miles)
 - Patrol Inspection per GO-165 (2024 target: 205 circuit miles/actual: 205 circuit miles)

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- UAV Thermography (2024 target: 205 circuit miles/actual: 205 circuit miles)
- UAV HD Photography/Videography (2024 target: 205 circuit miles/actual: 205 circuit miles)
- LiDAR Inspection (2024 target: 205 circuit miles/actual: 205 circuit miles)
- 3rd Party Ground Patrol (2024 target: 205 circuit miles/actual: 205 circuit miles)
- Intrusive Pole Inspection (2024 target: 850 wood poles/actual: 850 wood poles)
- Completed the following vegetation inspections:
 - Detailed Inspection per GO-165 (2024 target: 51 circuit miles/actual: 51 circuit miles)
 - Patrol Inspection per GO-165 (2024 target: 205 circuit miles/actual: 205 circuit miles)
 - UAV HD Photography/Videography (2024 target: 205 circuit miles/actual: 205 circuit miles)
 - LiDAR Inspection (2024 target: 205 circuit miles/actual: 205 circuit miles)
 - 3rd Party Ground Patrol (2024 target: 205 circuit miles/actual: 205 circuit miles)

2.2. Overview of Delays or Problems That Arose.

Two initiatives, Fuse TripSaver Automation Project and Capacitor Bank Upgrade Project are behind their 2024 targets as follows:

<u>Initiative</u>	<u>2024 Target</u>	<u>2024 Actual</u>
Fuse TripSaver Automation (GD_15)	50	27
Capacitor Bank Upgrade (GD-14)	6	4

These initiatives fell behind in Q2 2024 due to an unplanned loss of key staff involved in connecting these systems to the SCADA network. While the staffing issues were resolved and Bear Valley had implemented a detailed plan to get these initiatives back on track, additional challenges developed in Q3 2024. The challenges included key staff being impacted by COVID, key staff and contractors being impacted by the Line Fire (mandatory evacuations and closure of roads to Big Bear Lake during September 2024), a break in underground fiber optic conduit at one of the data communications nodes, and problems with radio data transfer routes (line of sight issues). Despite these challenges, BVES did make progress on these initiatives. The following is the status of these two initiatives:

- Fuse TripSaver Automation (GD_15): All 50 Fuse TripSavers are installed in the system and operating with local control. 27 of the Fuse TripSavers are connected to SCADA. Due to radio data transfer routes (line of sight issues), the remaining devices will need to be connected to the network using cellular data transfer. Once the communications challenges are resolved, BVES expects to have the remaining 23 Fuse TripSavers connected to SCADA by the end of Q2 2025.
- Capacitor Bank Upgrade (GD-14): All 6 capacitor banks were installed in the system and are operating. All of the hardware to automate them has been installed. 4 of 6 are connected to SCADA and the remaining 2 are expected to be connected to SCADA by the end of Q1 2025.

3. Quarterly Progress Report on Implementing Safety Culture Assessment Recommendations.

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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.

In response to this recommendation, BVES has implemented a strategy to further improve contractor safety culture as follows:

- 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 is 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 the 2023 SCA as well as past SCAs. (Completed in June 2024)
 - Conduct listening sessions to better understand and respond to contractor perceptions. (Completed in November 2024.)
 - Increase presence of leadership at job sites to witness challenges encountered by contractors. (Implemented in July 2024 and ongoing.)
 - Increase training to improve the ability of frontline supervisors to communicate effectively with contractors and ultimately improve the safety culture among contractors. (Completed in July 2024.)
 - Conduct training to make sure contractors understand how their work is an integral part of the BVES Wildfire Mitigation Plan and impacts public safety. (Completed in November 2024.)
 - Reach out to other investor owned utilities (IOUs) to develop best practices for improving contractor safety culture. (Completed in January 2025.)
 - Add "Contractor Engagement Strategy" as a BVES Safety Culture Objective in Bear Valley's 3-year Safety Culture Plan (fully achieve objective by 2026). (Completed in September 2024.)

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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 implemented a strategy to address the 2023 SCA 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. (Completed in July 2024. Scheduling another session in February 2025.)
- 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. (Completed in September 2024. One-on-one employee meetings is now an ongoing process year round.)
- 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 any way 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;
 - 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 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; and
 - 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. (Completed in November 2024.)

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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 has implemented the following plan of action to Strengthen Safety-Enabling Systems:

- Develop and implement improved protocols for responding to safety events (near misses and hazards), including their reporting and management. (Completed June 2024. “Near Misses” are now referred to as “Improvement Opportunities” at BVES to encourage employees to self-report.)
- 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. (Completed in November 2024.)
- 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.). (Completed August 2024.)
- Incorporate “improvement opportunities” (near-miss and hazard) reporting into Bear Valley’s behavior based safety program implementation. (completed in January 2025.)
- Set up training class to introduce Behavioral Based Training for the operations crews. (Scheduled for February 2025.)

4. Board of Directors Safety and Operations Committee Recommendations.

4.1. Recommendations from the Most Recent Quarter.

During Q4 2024, the Safety and Operations Committee (“Safety Committee”) met once on November 20, 2024. The Safety Committee reviewed resourcing of WMP initiatives for 2025 and 2026 and decided the 2025 initiatives were adequately resourced and that the 2026 WMP initiatives would be resourced at the next regular Safety Committee meeting in February 2025 or sooner in unanimous written consent procedures or special Committee meeting following the expected CPUC approval of BVES’s General Rate Case for rates in 2023 to 2026.

4.2. Progress on Previous Recommendations.

At the Safety Committee meeting on August 22, 2024, the Safety Committee recommended approval of an increase to the 2025 Capital Investment budget so that BVES management could

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order long-lead equipment and material to support the WMP grid hardening projects to further reduce the risk of wildfire and PSPS events. This recommendation was approved by the BVES 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. This recommendation was fully implemented by BVES management.

There are no outstanding or unresolved prior Safety Committee recommendations.

4.3. Summary of Significant Topics Covered at Safety And Operations Committee Meetings.

On November 20, 2024, the Safety Committee heard presentations and conducted discussions on the following topics of significance on current safety items at BVES including:

- Wildfire Mitigation Plan compliance;
- WMP initiative targets, progress on achieving the targets, resourcing WMP initiatives, and challenges in executing WMP initiative targets;
- Status of implementing 2023 SCA recommendations;
- Safety certification and progress in achieving the requirements to obtain a safety certification;
- Safety metrics and performance; and
- Funding and resourcing of WMP initiatives.

Sincerely,

/s/ Paul Marconi
President, Treasurer and Secretary
Bear Valley Electric Service, Inc.
Email: Paul.Marconi@bvesinc.com
Tel: (909) 202-9539

Attachment A

Initiative Summary of Progress for Individual Mitigation Measures during Q4 2024



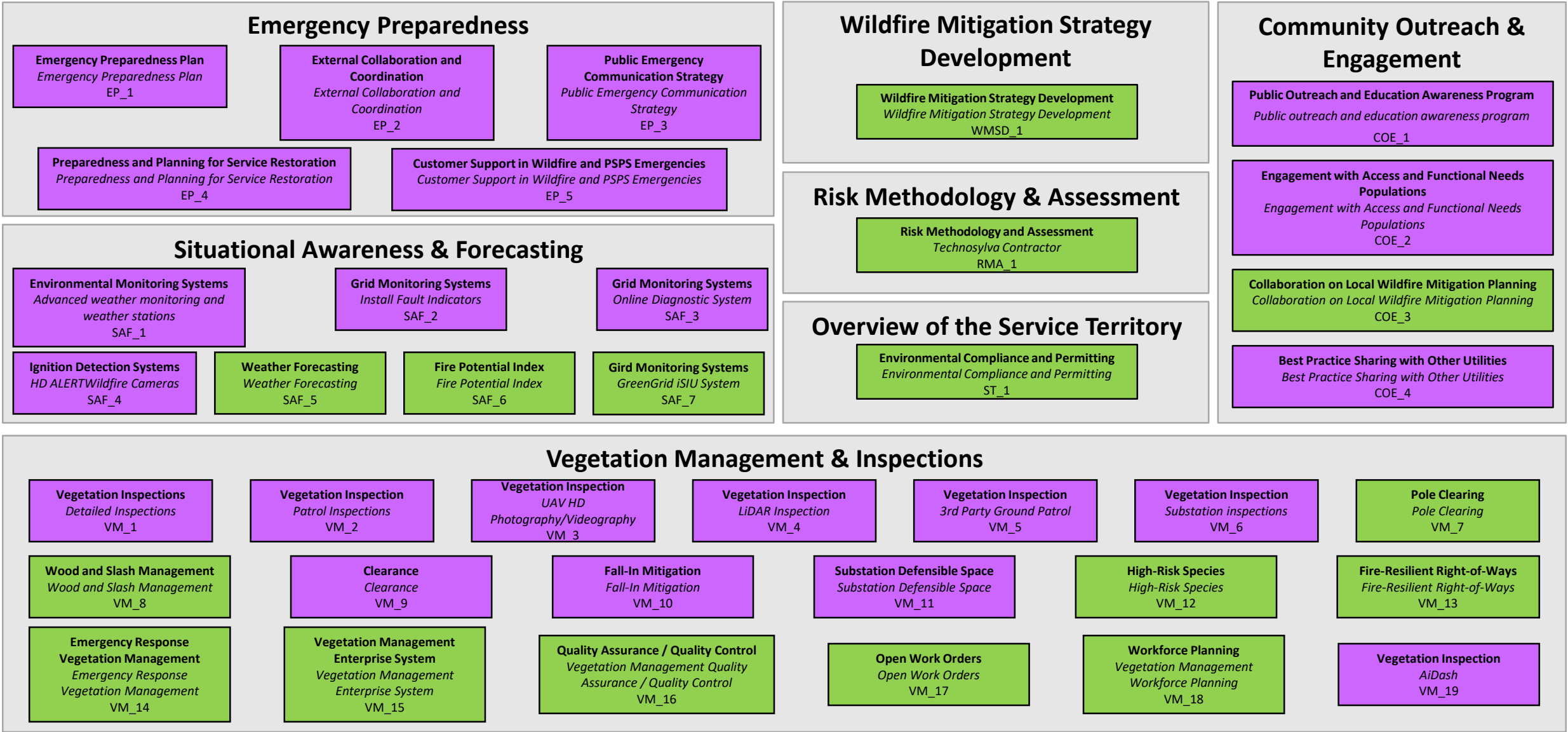
Wildfire Mitigation Plan Quarterly Notification Letter Initiatives Update

Bear Valley Electric Service, Inc.

Q4 2024

WMP Activity Summary

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

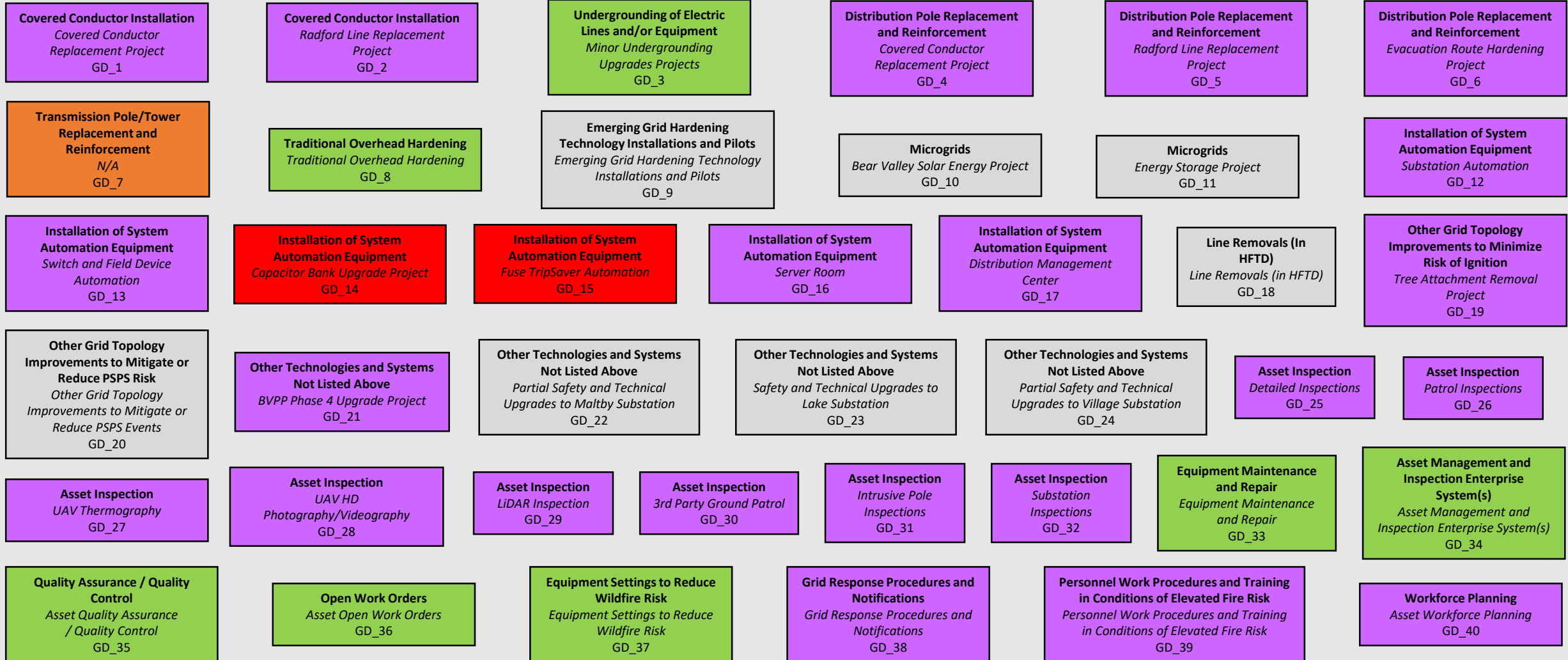


(*) Not Currently Scheduled – BVES included this Status Icon to indicate where an initiative is not currently identified for this WMP cycle, or, that it is not applicable (BVES does not own or operate assets equal to or greater than 65kV).

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

Emergency Preparedness Plan
EP_1

**Established /
Ongoing**

External Collaboration and Coordination
EP_2

**Established /
Ongoing**

Public Emergency Communication Strategy
EP_3

**Established /
Ongoing**

Preparedness and Planning for Service Restoration
EP_4

**Established /
Ongoing**

Customer Support in Wildfire and PSPS Emergencies
EP_5

**Established /
Ongoing**

Emergency Preparedness and Response Program and PSPS Plan:

Volume vs 2024 Goal: BVES did not record an emergencies in Q4 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.

Community Outreach & Engagement

Public Outreach and Education Awareness Program
COE_1

Completed

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 1,013 outreach activities as of the end of Q4 exceeding its annual target. This initiative is considered completed for 2024.

Collaboration on Local Wildfire Mitigation Planning
COE_3

On Track

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. These are ongoing activities.

Engagement with Access and Functional Needs Populations
COE_2

Completed

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. As of Q4 BVES verified the AFN list, and associated needs 26 times exceeding its annual target 12. This initiative is considered completed for 2024.

Best Practice Sharing with Other Utilities
COE_4

Completed

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 135 conferences, working groups and meetings as of the end of Q4 exceeding its annual target. This initiative is considered completed for 2024.

WMP Activities Status vs. WMP Activity Goals

Situational Awareness & Forecasting

Environmental
Monitoring Systems
SAF_1

**Advanced Weather
Monitoring and
Weather Stations
Completed**

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 2024 maintenance needs of the weather equipment were met in Q3.

Grid Monitoring Systems
SAF_2

**Fault Indicator
Instillation
Completed**

Fault Indicator Instillation:

Volume vs 2024 Goal: BVES plans to connect 30 fault indicators to SCADA in 2024.

Key Actions: BVES connected 30 fault indicators planned for 2024. BVES has completed this initiative for 2024.

Grid Monitoring Systems
SAF_3

**Online Diagnostic
System
Completed**

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 installed 1 online diagnostic capability on a circuit in 2024. BVES has completed this initiative for 2024.

Ignition Detection
Systems
SAF_4

**HD ALERTWildfire
Cameras
Completed**

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 received an approval for the 2025 WMP Update from Energy Safety on October 21, 2024.

WMP Activities Status vs. WMP Activity Goals

Vegetation Management & Inspection

Vegetation Inspections
VM_1
**Detailed Inspection
Completed**

Detailed Inspection:

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

Key Actions: BVES completed 51.0 circuit miles of detailed inspection in 2024 meeting its annual target of 51.0 circuit miles for 2024.

Vegetation Inspection
VM_2
**Patrol Inspection
Completed**

Patrol Inspection:

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

Key Actions: BVES completed 205.0 circuit miles of patrol inspection in 2024 meeting the annual target of 205.0 circuit for 2024.

Vegetation Inspection
VM_3
**UAV HD Photography /
Videography
Completed**

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 completed 205.0 circuit miles of UAV HD Photography/Videography inspection in Q3 and has completed this initiative for 2024.

Vegetation Inspection
VM_4
**LiDAR Inspection
Completed**

LiDAR Inspection:

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

Key Actions: BVES completed 205.0 circuit miles of LiDAR inspection in Q3 and has completed this initiative for 2024.

Vegetation Inspection
VM_5
**3rd Party Ground Patrol
Completed**

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 completed 205.0 circuit miles of 3rd party ground patrol inspection in Q3 and has completed this initiative for 2024.

Vegetation Inspection
VM_6
**Substation Inspections
Completed**

Substation Inspections:

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

Key Actions: BVES conducted 156 substation inspections exceeding its annual target of 144 has completed the this goal 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
Completed

Vegetation Clearance:

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

Key Actions: BVES completed 99.5 circuit miles of clearing as of Q4. This initiative is considered complete for 2024

Fall-In Mitigation
VM_10
Completed

Fall-In Mitigation:

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

Key Actions: BVES completed 182 tree removals in 2024 exceeding its annual target of 88.

WMP Activities Status vs. WMP Activity Goals

Vegetation Management & Inspection

Substation Defensible
Space
VM_11
Completed

Substation Defensible Space:

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

Key Actions: BVES completed 13 substation abatements in Q3 and this initiative is completed for 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 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
Completed**

Vegetation Management Quality Assurance / Quality Control:

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

Key Actions: BVES completed 5 audits in 2024 and has met 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 2024.

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
Completed**

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: AiDash satellite survey was conducted in Q3 and this initiative is completed for 2024.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Covered Conductor Installation GD_1 Covered Conductor Replacement Program Completed	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 13.32 circuit miles of bare conductors with covered conductors in 2024 exceeding the target.	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 83 poles in 2024. This initiative is completed for 2024.
Covered Conductor Installation GD_2 Radford Line Replacement Project Completed	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 completed 3.1 miles of covered conductor and completed the Radford Line Replacement Project in 2024. This initiative was completed.	Distribution Pole Replacement and Reinforcement GD_6 Evacuation Route Hardening Project Completed	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 1,095 poles as of the end of Q3 exceeding its 2024 target. This initiative is completed 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 Q4. Key Actions: No undergrounding projects were proposed or initiated in Q4.	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.
Distribution Pole Replacement and Reinforcement GD_4 Distribution Pole Replacement and Reinforcement Completed	Distribution Pole Replacement and Reinforcement: Volume vs 2024 Goal: BVES plans to complete 200 pole replacements in 2024. Key Actions: BVES has completed 262 poles replacements in 2024 exceeding its annual target. This initiative is completed for 2024.	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 Q4.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

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.

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 an application with the CPUC for the Solar Energy Project in May 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 signed an Engineering Procurement Contract with a developed and filed an application with the CPUC for the Energy Storage Project in May 2024.

Installation of System
Automation Equipment
GD_12

**Substation Automation
Completed**

Substation Automation:

Volume vs 2024 Goal: BVES plans to connect and automate 3 substations to SCADA in 2024.

Key Actions: BVES automated 3 substations in 2024 and has met its 2024 target.

Installation of System
Automation Equipment
GD_13

**Switch and Field Device
Automation
Completed**

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 10 field switches to SCADA in 2024. BVES has met the target of 10 meeting the target for 2024.

Installation of System
Automation Equipment
GD_14

**Capacitor Bank Upgrade
Project
Off 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 4 capacitor bank to SCADA as of Q4 falling short of its target of 6 for Q4.

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 27 Fuse TripSavers to SCADA as of Q4 falling short of its target of 50 for Q4.

Installation of System
Automation Equipment
GD_16

**Server Room
Completed**

Server Room:

Volume vs 2024 Goal: BVES plans to upgrade the Server Room at its main office in 2024.

Key Actions: Project is completed.

Installation of System
Automation Equipment
GD_17

**Distribution
Management Center
Completed**

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 construction phase and is on track to meet its 50% project completion target for 2024.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

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
Completed**

Tree Attachment Removal Program:

Volume vs 2024 Goal: BVES plans to complete 100 tree attachment removals in 2024.

Key Actions: BVES completed 104 tree attachment removals as of Q3 exceeding its target for 2024 and has completed this initiative 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 2024 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
Completed**

BVPP Phase 4 Upgrade Project:

Volume vs 2024 Goal: The BVPP Phase 4 Upgrade Project is schedule for completion in 2024.

Key Actions: BVES completed 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 is scheduled to be completed in 2025.

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 scheduled to be completed in 2026.

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 January 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 scheduled to be completed in 2027.

Key Actions: No construction action will be taken on this program in 2024. BVES will perform project planning in 2025.

Asset Inspection
GD_25
**Detailed Inspection
Completed**

Detailed Inspection:

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

Key Actions: BVES completed 51.0 circuit miles of detailed inspection in 2024 meeting its annual target of 51.0 circuit miles for 2024.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Asset Inspection
GD_26
**Patrol Inspection
Completed**

Patrol Inspection:

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

Key Actions: BVES completed 205.0 circuit miles of patrol inspection in 2024 meeting the annual target of 205.0 circuit for 2024.

Asset Inspection
GD_27
**UAV Thermography
Completed**

UAV Thermography:

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

Key Actions: BVES completed 205.0 circuit miles of UAV Thermography inspection in Q3 and has completed this initiative for 2024.

Asset Inspection
GD_28
**UAV HD Photography /
Videography
Completed**

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 completed 205.0 circuit miles of UAV HD Photography/Videography inspection in Q3 and has completed this initiative for 2024.

Asset Inspection
GD_29
**LiDAR Inspection
Completed**

LiDAR Inspection:

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

Key Actions: BVES completed 205.0 circuit miles of LiDAR inspection in Q3 and has completed this initiative for 2024.

Asset Inspection
GD_30
**3rd Party Ground Patrol
Completed**

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 completed 205.0 circuit miles of 3rd party ground patrol inspection in Q3 and has completed this initiative for 2024.

Asset Inspection
GD_31
**Intrusive Pole
Inspection
Completed**

Intrusive Pole Inspection:

Volume vs 2024 Goal: BVES plans to conduct 850 intrusive pole inspections in 2024.

Key Actions: BVES completed 850 intrusive pole inspections in Q3 and has completed this initiative for 2024.

Asset Inspection
GD_32
**Substation Inspections
Completed**

Substation Inspections:

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

Key Actions: BVES conducted 156 substation inspections exceeding its annual target of 144 has completed the this goal 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.

Asset Management and
Inspection Enterprise
System(s)
GD_34
On Track

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.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Quality Assurance /
Quality Control
GD_35
**Asset Quality
Assurance / Quality
Control
Completed**

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 20 asset QCs in 2024 achieving its annual target of 20 for 2024.

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 Q4.

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 Q4. BVES also engaged an expert consultant to review BVES's protective settings and make recommendations to reduce the likelihood of ignitions. BVES is waiting for contractor to provide recommendation, expected to receive in January 2025.

Grid Response
Procedures and
Notifications
GD_38
Completed

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 completed its annual review process in 2024.

Personnel Work
Procedures and Training in
Conditions of Elevated Fire
Risk
GD_39
Completed

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 completed its annual review process in 2024.

Workforce Planning
GD_40
**Asset Workforce
Planning
Completed**

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.



Bear Valley Electric Service, Inc.
P.O. Box 9028
San Dimas, CA 91773-9028
A Subsidiary of American States Water Company

May 1, 2025

Via E-Mail

Caroline Thomas Jacobs
Director, Office of Energy Infrastructure Safety
715 P Street, 20th Floor
Sacramento, CA 95814
Caroline.ThomasJacobs@energysafety.ca.gov
Docket #2025-SCs

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

Subject: Bear Valley Electric Service, Inc.'s Quarterly Notification Pursuant to Public Utilities Code section 8389(e)(7)

Background: Public Utilities Code (“PUC”) section 8389(e) establishes the requirements for annual safety certifications, including quarterly notification of the Office of Energy Infrastructure Safety and an information-only submittal of the same notification to the California Public Utilities Commission regarding an electrical corporation's progress in implementing its approved wildfire mitigation plan and the recommendations from its most recent safety culture assessments (pursuant to both PUC section 8386.2 and section 8389[d][4]), a statement of the recommendations of the board of directors safety committee from meetings that occurred during the quarter, and a summary regarding the progress in implementing the safety committee recommendations from the electrical corporation’s previous quarterly notification and information-only submittal.

Discussion

1. Quarterly Information-Only Submittal to the CPUC.

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 at safetypolicycentralfiles@cpuc.ca.gov, and serving the following service lists: Order Instituting Rulemaking (R.) 21-10-001 (Order Instituting Rulemaking to Develop Safety Culture Assessments for Electric and Natural Gas Utilities), R.18-10-007 (Order Instituting Rulemaking to Implement Electric Utility Wildfire Mitigation Plans Pursuant to Senate Bill 901), or their successors, and the service lists for Bear Valley’s most recent general rate case (GRC) application proceeding A.22-08-010. Additionally, this filing will be posted to the BVES website at <https://www.bvesinc.com/safety/wildfire-mitigation-plan>.

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2. Quarterly Progress Report on WMP Implementation.

Bear Valley tracks 77 initiatives established in its 2023-2025 Wildfire Mitigation Plan (“WMP”). Bear Valley’s WMP initiatives are designed to mitigate the risk of wildfire due to a fault on the electric system and reduce the risk of Public Safety Power Shut-offs (PSPS) to customers. These mitigations are categorized across six categories within the WMP, which are: Grid Design, Operations and Maintenance, Vegetation Management and Inspections, Situational Awareness and Forecasting, Emergency Preparedness, Community Outreach and Engagement, Overview of the Service Territory, and Risk Methodology and Assessment.

In Attachment A, Bear Valley provides an initiative summary of progress for individual mitigation measures during Q1 2025. Bear Valley’s quarterly initiative summary presentation includes information submitted to the OEIS under the Quarterly Data Report (“QDR”) filings for Q1 2025 prepared in accordance with Energy Safety Data Guidelines (Version 4.01) as of March 21, 2025.

2.1. Overview of Significant Achievements.

BVES made significant progress in achieving its WMP initiative targets for 2025. As of the end of Q1 2025, some of the more significant achievements were:

- **Covered Conductor Replacement Project (GD_1).** 2025 target is 5.1 circuit miles. During Q1 BVES conducted planning work to support achieving its 2025 target. BVES will begin replacing bare conductors with covered conductors in Q2.
- **Covered Conductor Replacement Project – Pole Replacements (GD_4).** 2025 target is 100 poles replaced. During Q1 BVES conducted planning work to support achieving its 2025 target. BVES will begin replacing poles to support covered conductor installation in Q2.
- **Evacuation Route Hardening Project (GD_6).** 2025 target is to install fire-resistant wire mesh on 500 wood poles. BVES installed the fire-resistant wire mesh on 500 wood poles along the evacuation routes achieving the 2025 target ahead of schedule.
- **Tree Attachment Removal Project (GD_19).** 2025 target is to remove 100 tree attachments. During Q1 BVES conducted planning work to support achieving its 2025 target. BVES also removed 1 tree attachment during Q1, which is ahead of its Q1 target of 0. BVES will start significant tree attachment removal field work in Q2.
- **Substation Automation (GD_12).** 2025 target is to automate 3 substations. During Q1 BVES conducted planning work to support achieving its 2025 target. BVES plans to automate the first of three planned substations in Q2.
- **Switch and Field Device Automation (GD_13).** 2025 target is to automate 10 switches. During Q1 BVES conducted planning work to support achieving its 2025 target. Also, BVES automated 3 field switches during Q1, which is ahead of its Q1 target of 0.
- **Capacitor Bank Upgrade Project (GD_14).** 2025 target is to replace and automate 6 capacitor banks. During Q1 BVES conducted planning work to support achieving its 2025 target. BVES expects to receive the capacitor banks from the vendor in May 2025. BVES plans to begin replacing and automating the capacitor banks starting in Q3.
- **Fuse TripSaver Automation (GD_15).** 2025 target is to automate 50 Fuse TripSavers. During Q1 BVES conducted planning work to support achieving its 2025 target.

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Additionally, BVES automated 35 Fuse TripSavers during Q1, which is ahead of its Q1 target of 0.

- **Substation Inspections (GD_32 and VM_6).** 2025 target is to conduct 144 substation inspections. During Q1, BVES conducted 39 substation inspections, which is ahead of its Q1 target of 36.
- **Vegetation Clearance (VM_9).** 2025 target is to clear vegetation along 72 circuit miles of power lines. During Q1, BVES cleared 25 circuit miles, which is ahead of its Q1 target of 18.
- **Fall-in mitigation (VM_10).** 2025 target is to remove or remediate 88 trees. During Q1, BVES removed 25 trees, which is ahead of its Q1 target of 22.
- **Public Outreach and Education Awareness Program (COE_1).** 2025 target is to conduct 360 public outreach and education events. During Q1, BVES conducted 310 public outreach and education events, which is ahead of its Q1 target of 90.
- Asset inspection status:
 - **Detailed Inspection per GO-165 (GD_25).** 2025 target is 53 circuit miles. During Q1, BVES conducted 12 circuit miles, which is ahead of its Q1 target of 9.
 - **Patrol Inspection per GO-165 (GD_26).** 2025 target is 205 circuit miles. During Q1, BVES conducted 57 circuit miles, which is ahead of its Q1 target of 51.
 - **UAV Thermography (GD_27).** 2025 target is 205 circuit miles. During Q1, BVES conducted planning for this inspection. Data acquisition is expected to be conducted in Q2.
 - **UAV HD Photography/Videography (GD_28).** 2025 target is 205 circuit miles. During Q1, BVES conducted planning for this inspection. Data acquisition is expected to be conducted in Q2.
 - **LiDAR Inspection (GD_29).** 2025 target is 205 circuit miles. During Q1, BVES conducted planning for this inspection. Data acquisition is expected to be conducted in Q2.
 - **3rd Party Ground Patrol (GD_30).** 2025 target is 205 circuit miles. During Q1, BVES conducted planning for this inspection. The inspection will be conducted in Q3.
 - **Intrusive Pole Inspection (GD_31).** 2025 target is 850 poles. During Q1, BVES conducted planning for this inspection. Data acquisition is expected to be conducted in Q3.
- Vegetation management inspection status:
 - **Detailed Inspection per GO-165 (VM_1).** 2025 target is 53 circuit miles. During Q1, BVES conducted 12 circuit miles, which is ahead of its Q1 target of 9.
 - **Patrol Inspection per GO-165 (VM_2).** 2025 target is 205 circuit miles. During Q1, BVES conducted 57 circuit miles, which is ahead of its Q1 target of 51.
 - **UAV HD Photography/Videography (VM_3).** 2025 target is 205 circuit miles. During Q1, BVES conducted planning for this inspection. Data acquisition is expected to be conducted in Q2.
 - **LiDAR Inspection (VM_4).** 2025 target is 205 circuit miles. During Q1, BVES conducted planning for this inspection. Data acquisition is expected to be conducted in Q2.
 - **3rd Party Ground Patrol (VM_5).** 2025 target is 205 circuit miles. During Q1, BVES conducted planning for this inspection. The inspection will be conducted in Q3.

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- **Satellite Imaging (VM_19).** 2025 target is to conduct one satellite survey of service area. During Q1, BVES conducted planning for this inspection. Data acquisition is expected to be conducted in Q2.

2.2. Overview of Delays or Problems That Arose.

In Bear Valley's 2024 Q4 Quarterly Notification Letter (NL), two initiatives, Fuse TripSaver Automation Project and Capacitor Bank Upgrade Project, were reported as being behind their 2024 targets as follows:

<u>Initiative</u>	<u>2024 Target</u>	<u>2024 Actual</u>
Fuse TripSaver Automation (GD_15)	50	27
Capacitor Bank Upgrade (GD-14)	6	4

The connectivity challenges that BVES experienced in connecting the Fuse TripSavers and Capacitor Banks to its SCADA network were resolved and BVES completed connecting the remaining 23 of 50 Fuse TripSavers and remaining 2 of 6 Capacitor Banks to the SCADA network; thereby, completing all of Bear Valley's 2024 targets. BVES also implemented improvements to the way it executes these projects based on the lessons learned from the challenges it experienced in 2024 to its 2025 grid automation project plans.

In Bear Valley's 2025 WMP Update, BVES revised the target dates for BVES initiatives Bear Valley Solar Project (GD_10) and Energy Storage Project (GD_11) to 100% complete in 2025. These initiatives are designed to reduce the impact of PSPS due to a loss of Southern California Edison (SCE) power supply lines when SCE initiates a PSPS on these lines. The regulatory approval process for these projects is taking significantly longer than anticipated. BVES filed an application (A.24-05-020) for both projects with the CPUC on May 17, 2024. The application was initially assigned to ALJ Robert Haga. On October 16, 2024 it was reassigned to ALJ Trevor Pratt, who then conducted a pre-hearing conference on November 12, 2024. The CPUC issued a Scoping Memorandum, which establishes the issues to be resolved and the schedule, on February 24, 2025. Per the CPUC's schedule, a Decision is not expected until the end of 2024 or beginning of 2025. It is not prudent for BVES to order material for the projects until regulatory approval is received; therefore, we do not believe these projects will be completed before the end of 2025. In fact, it is Bear Valley's assessment, based on the regulatory approval process and supply chain lead times, that the projects will not be fully operational until 2027. If BVES can shorten the schedule to complete the projects sooner, BVES will certainly do so since this is the best solution for Bear Valley's customers to mitigating PSPS impact due to loss of SCE power supply lines.

3. Quarterly Progress Report on Implementing Safety Culture Assessment Recommendations.

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 had three recommendations, which Bear Valley has completed implementing. The recommendations were 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

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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.

In response to this recommendation, BVES has implemented a strategy to further improve contractor safety culture as follows:

- 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 is 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 the 2023 SCA as well as past SCAs. (Completed in June 2024.)
 - Conduct listening sessions to better understand and respond to contractor perceptions. (Completed in November 2024.)
 - Increase presence of leadership at job sites to witness challenges encountered by contractors. (Implemented in July 2024 and ongoing.)
 - Increase training to improve the ability of frontline supervisors to communicate effectively with contractors and ultimately improve the safety culture among contractors. (Completed in July 2024.)
 - Conduct training to make sure contractors understand how their work is an integral part of the BVES Wildfire Mitigation Plan and impacts public safety. (Completed in November 2024.)
 - Reach out to other investor owned utilities (IOUs) to develop best practices for improving contractor safety culture. (Completed in January 2025.)
 - Add "Contractor Engagement Strategy" as a BVES Safety Culture Objective in Bear Valley's 3-year Safety Culture Plan (fully achieve objective by 2026). (Completed in September 2024.)

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

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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 implemented a strategy to address the 2023 SCA 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. (Completed in July 2024.)
- 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. (Completed in September 2024. One-on-one employee meetings is now an ongoing process year round.)
- 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 any way 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;
 - 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 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; and
 - 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. (Completed in November 2024.)

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

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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 has implemented the following plan of action to Strengthen Safety-Enabling Systems:

- Develop and implement improved protocols for responding to safety events (near misses and hazards), including their reporting and management. (Completed in June 2024. “Near Misses” are now referred to as “Safety Improvement Opportunities” at BVES to encourage employees to self-report.)
- 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. (Completed in November 2024.)
- 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.). (Completed in August 2024.)
- Incorporate “safety improvement opportunities” (near-miss and hazard) reporting into Bear Valley’s behavior based safety program implementation. (Completed in January 2025.)
- Set up training class to introduce Behavioral Based Training for the operations crews. (Completed in February 2025.)

In January and February 2025, Bear Valley employees and contractors completed the 2024 SCA surveys and Bear Valley provided requested safety culture assessment materials requested by Energy Safety and its SCA contractor.

4. Board of Directors Safety and Operations Committee Recommendations.

During Q1 2025, the Safety and Operations Committee (“Safety Committee”) met once on February 27, 2025.

4.1. Recommendations from the Most Recent Quarter.

On February 7, 2025, the Safety Committee recommended that the BVES Board approve additional CAPEX budget for resourcing of WMP initiatives for 2025 and 2026 via unanimous written consent procedures. The Board approved the CAPEX budget recommendation and it was fully implemented by BVES management.

At the February 27, 2025 Safety Committee meeting, the Safety Committee recommended that the Board approve CAPEX budget to support development expenses for a solar and battery project to mitigate the impact of Public Safety Power Shut-offs initiated by SCE to the power supply lines that supply Bear Valley’s service area. The Board approved this recommendation and it was fully implemented by BVES management.

4.2. Progress on Previous Recommendations.

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There are no outstanding or unresolved prior Safety Committee recommendations.

4.3. Summary of Significant Topics Covered at Safety And Operations Committee Meetings.

At the February 27, 2025 Safety Committee meeting, the Safety Committee heard presentations and conducted discussions on the following topics of significance on current safety items at BVES including:

- Wildfire Mitigation Plan compliance;
- 2023-2025 WMP initiative targets, progress on achieving the targets, resourcing WMP initiatives, and challenges in executing WMP initiative targets;
- Status of implementing 2023 SCA recommendations;
- Safety certification and progress in achieving the requirements to obtain a safety certification;
- Safety metrics and performance;
- Funding and resourcing of WMP initiatives;
- Proposed initiatives and targets to be included in the 2026-2028 WMP;
- Results and recommendations from a study for BVES regarding enhanced power line safety settings (EPSS); and
- Revisions to the thresholds at which BVES would initiate PSPS on circuits to prevent ignitions during periods when wildfire conditions exist.

Sincerely,

/s/ Paul Marconi
President, Treasurer and Secretary
Bear Valley Electric Service, Inc.
Email: Paul.Marconi@bvesinc.com
Tel: (909) 202-9539

Attachment A

Initiative Summary of Progress for Individual Mitigation Measures during Q1 2025



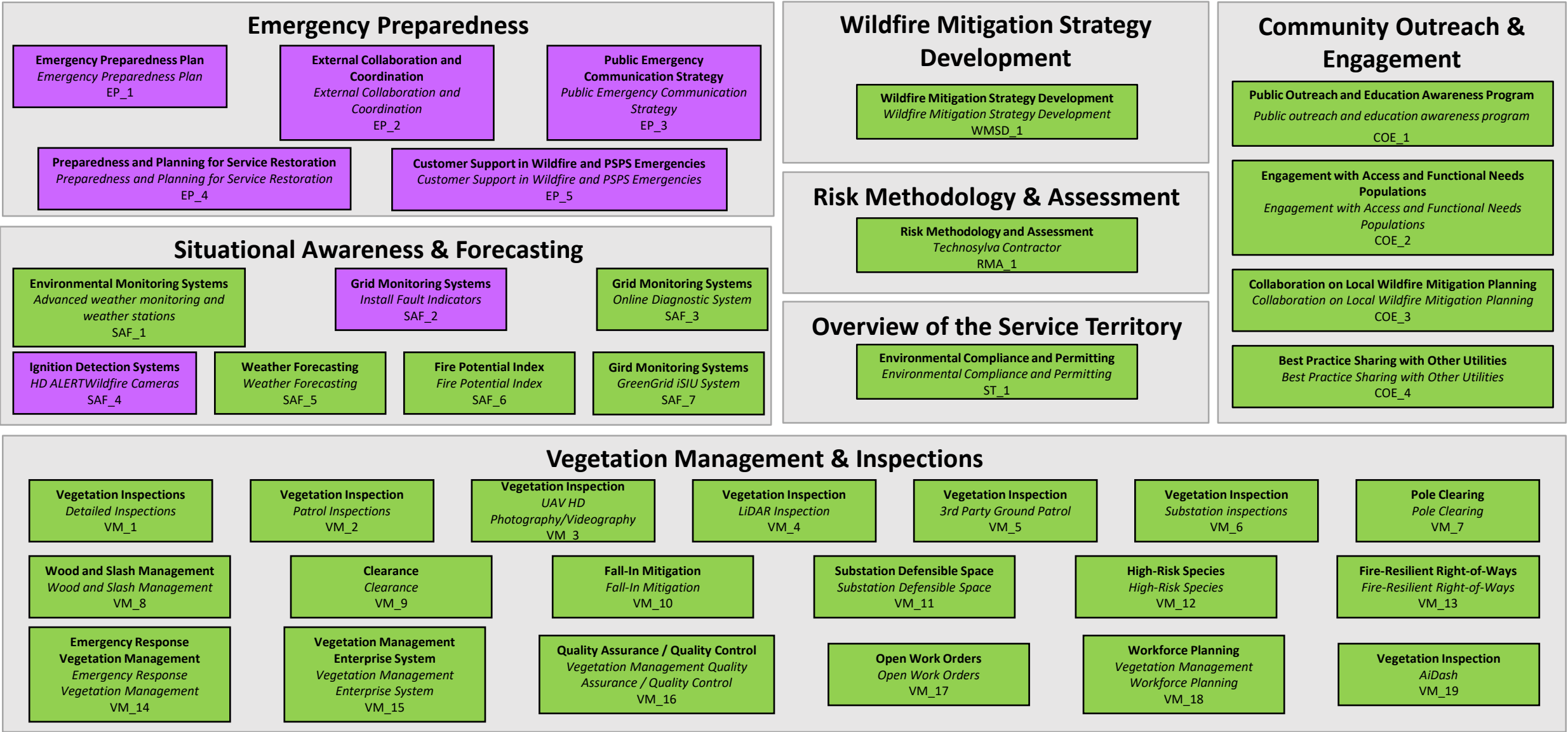
Wildfire Mitigation Plan Quarterly Notification Letter Initiatives Update

Bear Valley Electric Service, Inc.

Q1 2025

WMP Activity Summary

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

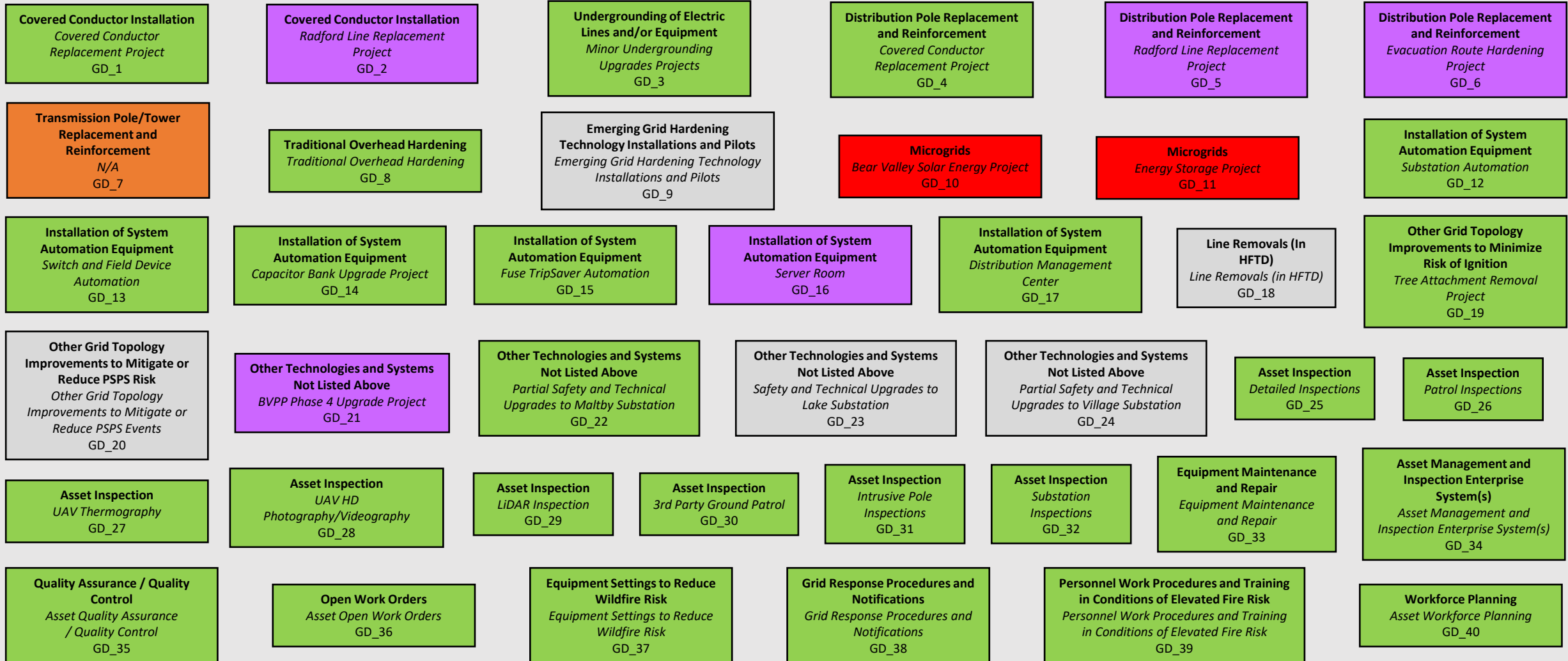


(*) Not Currently Scheduled – BVES included this Status Icon to indicate where an initiative is not currently identified for this WMP cycle, or, that it is not applicable (BVES does not own or operate assets equal to or greater than 65kV).

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

Emergency Preparedness Plan
EP_1

**Established /
Ongoing**

External Collaboration and Coordination
EP_2

**Established /
Ongoing**

Public Emergency Communication Strategy
EP_3

**Established /
Ongoing**

Preparedness and Planning for Service Restoration
EP_4

**Established /
Ongoing**

Customer Support in Wildfire and PSPS Emergencies
EP_5

**Established /
Ongoing**

Emergency Preparedness and Response Program and PSPS Plan:

Volume vs 2025 Goal: BVES did not record an emergencies in Q1 of 2025. 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.

Community Outreach & Engagement

Public Outreach and Education Awareness Program
COE_1

On Track

Public Outreach and Education Awareness Program:

Volume vs 2025 Goal: BVES planned to conduct a minimum of 360 outreach activities in 2024.

Key Actions: BVES conducted 310 outreach activities as of the end of Q1 exceeding its quarterly target.

Collaboration on Local Wildfire Mitigation Planning
COE_3

On Track

Collaboration on Local Wildfire Mitigation Planning:

Volume vs 2025 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.

Engagement with Access and Functional Needs Populations
COE_2

On Track

Engagement with Access and Function Needs (AFN)

Populations:

Volume vs 2025 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. As of Q1 BVES verified the AFN list, and associated needs 6 times. This initiative is on track for 2025.

Best Practice Sharing with Other Utilities
COE_4

On Track

Best Practice Sharing with Other Utilities:

Volume vs 2025 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 18 conferences, working groups and meetings as of the end of Q1. This initiative is on track for 2025.

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 2025 Goal: BV 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 BV has established a maintenance program for the weather stations.

Key Actions: BVES has scheduled maintenance to be completed on all of the weather stations in 2025.

Grid Monitoring Systems
SAF_2
**Fault Indicator
Instillation
Completed**

Fault Indicator Instillation:

Volume vs 2025 Goal: There are no FI installations planned for 2025.

Key Actions: This initiative was completed.

Grid Monitoring Systems
SAF_3
**Online Diagnostic
System
On Track**

Online Diagnostic System:

Volume vs 2025 Goal: BVES plans to install online diagnostic capabilities on 1 circuit in 2025, and that will occur in Q3.

Key Actions: BVES is on track to complete this initiative in 2025.

Ignition Detection
Systems
SAF_4
**HD ALERTWildfire
Cameras
Completed**

HD ALERTWildfire Cameras:

Volume vs 2025 Goal: BV 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 2025 Goal: BV 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 Q1.

Fire Potential Index
SAF_6
On Track

Fire Potential Index:

Volume vs 2025 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 2025 Goal: BVES has installed GreenGrid iSIU System nodes on two circuits in BVES service territory. In 2025 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:
2025 Goal: For 2025 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:
2025 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:
2025 Goal: For 2025 BVES plans to issue its 2026-2028 Base WMP for approval. Following approval, the WMP will be posted to its website for public viewing.
Key Actions: BVES submitted its WMP to Energy Safety on April 18, 2025.

WMP Activities Status vs. WMP Activity Goals

Vegetation Management & Inspection

Vegetation Inspections
VM_1
**Detailed Inspection
On Track**

Detailed Inspection:

Volume vs 2025 Goal: BVES plans to complete 53.0 circuit miles of detailed inspection in 2025.

Key Actions: BVES completed 12 circuit miles of detailed inspection in Q1 of 2025. BVES is on track to complete the goal.

Vegetation Inspection
VM_2
**Patrol Inspection
On Track**

Patrol Inspection:

Volume vs 2025 Goal: BVES plans to complete 205.0 circuit miles of patrol inspection in 2025.

Key Actions: BVES completed 57 circuit miles of patrol inspection in Q1 of 2025. This initiative is on track to be completed in 2025

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

UAV HD Photography / Videography:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of UAV HD Photography/Videography inspection in 2025.

Key Actions: BVES plans to complete 205.0 circuit miles of UAV HD Photography/Videography inspection in Q3.

Vegetation Inspection
VM_4
**LiDAR Inspection
On Track**

LiDAR Inspection:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of LiDAR inspection in 2025.

Key Actions: BVES plans to complete 205.0 circuit miles of LiDAR inspection in Q3.

Vegetation Inspection
VM_5
**3rd Party Ground Patrol
OnTrack**

3rd Party Ground Patrol:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of 3rd party ground patrol inspection in 2025.

Key Actions: BVES plans to complete 205.0 circuit miles of 3rd party ground patrol inspection in Q3.

Vegetation Inspection
VM_6
**Substation Inspections
On Track**

Substation Inspections:

Volume vs 2025 Goal: BVES plans to conduct 144 substation inspections in 2024.

Key Actions: BVES conducted 39 substation inspections in Q1. BVES is on track to meet the goal of 144 substation inspections in 2025.

Pole Clearing
VM_7
On Track

Pole Clearing:

Volume vs 2025 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 2025 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 2025 Goal: BVES plans to complete 72 circuit miles of clearing in 2025.

Key Actions: BVES completed 25 circuit miles of clearing as of Q1. This initiative is on track to meet the goal of 72 circuit miles in 2025.

Fall-In Mitigation
VM_10
On Track

Fall-In Mitigation:

Volume vs 2025 Goal: BVES plans to remove 88 trees in 2025.

Key Actions: BVES completed 25 tree removals in Q1 of 2025. BVES is on track to meet the goal of 88 removals in 2025.

WMP Activities Status vs. WMP Activity Goals

Vegetation Management & Inspection

Substation Defensible
Space
VM_11
On Track

Substation Defensible Space:

Volume vs 2025 Goal: BVES's plans to conduct 13 substation vegetation abatements in 2025.

Key Actions: BVES plans to complete 13 substation abatements in Q2 of 2025.

High-Risk Species
VM_12
On Track

High-Risk Species:

Volume vs 2025 Goal: BVES conducts as-needed remediation of high-risk species in its service territory. There are no specific program targets for 2025.

Key Actions: BVES will act as inspection findings and VM crews identify high-risk species throughout 2025.

Fire-Resilient Right-of-
Ways
VM_13
On Track

Fire-Resilient Right-of-Ways:

Volume vs 2025 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 2025 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 2025.

Vegetation Management
Enterprise System
VM_15
On Track

Vegetation Management Enterprise System:

Volume vs 2025 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 2025 Goal: BVES plans to complete 5 vegetation management audits in 2025.

Key Actions: BVES completed 2 audits in Q1 of 2025. This initiative is on track to be completed in 2025.

Open Work Orders
VM_17
**Vegetation
Management Open
Work Orders
On Track**

Vegetation Management Open Work Orders:

Volume vs 2025 Goal: For 2024 BVES has a goal to have no work orders exceeding the GO 95 Rule 18 corrective action timeframe.

Key Actions: BVES does not have any work orders that exceeded the GO 95 timeframe in Q1 of 2025.

Workforce Planning
VM_18
**Vegetation
Management
Workforce Planning
On Track**

Vegetation Management Workforce Planning:

Volume vs 2025 Goal: For 2025 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 2025 Goal: BVES implemented AiDash satellite inspection program and plans to have one survey of its service area in 2025.

Key Actions: AiDash satellite survey is planned to be conducted in Q2 of 2025.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

<p>Covered Conductor Installation GD_1</p> <p>Covered Conductor Replacement Program</p> <p>On Track</p>	<p>Covered Conductor Replacement Program: Volume vs 2025 Goal: BVES plans replace 5.1 circuit miles of bare conductors with covered conductors in 2025. Key Actions: BVES replaced 0 circuit miles of bare conductors in Q1. This initiative is on track to be completed in 2025.</p>	<p>Distribution Pole Replacement and Reinforcement GD_5</p> <p>Radford Line Replacement Project</p> <p>Completed</p>	<p>Distribution Pole Replacement and Reinforcement (Radford Line Replacement Project): Volume vs 2025 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 83 poles in 2024. This initiative is completed for 2024.</p>
<p>Covered Conductor Installation GD_2</p> <p>Radford Line Replacement Project</p> <p>Completed</p>	<p>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 completed 2.8 circuit miles of covered conductor and completed the Radford Line Replacement Project in 2024. This initiative was completed.</p>	<p>Distribution Pole Replacement and Reinforcement GD_6</p> <p>Evacuation Route Hardening Project</p> <p>Completed</p>	<p>Distribution Pole Replacement and Reinforcement: Volume vs 2025 Goal: BVES plans to complete install wire mesh on 500 poles in 2025. Key Actions: BVES installed wire mess wrap on 500 poles as of the end of Q1 meeting its 2025 target. This initiative is completed for 2025.</p>
<p>Undergrounding of Electric Lines and/or Equipment GD_3</p> <p>Minor Undergrounding Upgrades Projects</p> <p>On Track</p>	<p>Minor Undergrounding Upgrades Projects: Volume vs 2025 Goal: BVES conducts minor undergrounding projects 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.</p>	<p>Transmission Pole/Tower Replacement and Reinforcement GD_7</p> <p>Not Applicable</p>	<p>Transmission Pole/Tower Replacement and Reinforcement: Volume vs 2025 Goal: BVES does not own or operate any transmission assets. Key Actions: N/A.</p>
<p>Distribution Pole Replacement and Reinforcement GD_4</p> <p>Distribution Pole Replacement and Reinforcement</p> <p>On Track</p>	<p>Distribution Pole Replacement and Reinforcement: Volume vs 2025 Goal: BVES plans to complete 100 pole replacements in 2025. Key Actions: BVES completed 0 poles replacements in Q1. This initiative is on track to be completed in 2025.</p>	<p>Traditional Overhead Hardening GD_8</p> <p>On Track</p>	<p>Traditional Overhead Hardening: Volume vs 2025 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 Q1.</p>

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Emerging Grid Hardening
Technology Installations
and Pilots
GD_9
Not Started

Emerging Grid Hardening Technology Installations and Pilots:
Volume vs 2025 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 2025 in this area.

Microgrids
GD_10
**Bear Valley Solar
Energy Project
Off Track**

Bear Valley Solar Energy Project:
Volume vs 2025 Goal: Complete construction in 2025.
Key Actions: BVES submitted application to CPUC in May 2024. According to CPUC schedule earlier application will be approved is Q4 2025 or Q1 2026. BVES will not complete construction in 2025.

Microgrids
GD_11
**Energy Storage Project
Off Track**

Bear Valley Energy Storage Project:
Volume vs 2025 Goal: Complete construction in 2025.
Key Actions: BVES submitted application to CPUC in May 2024. According to CPUC schedule earlier application will be approved is Q4 2025 or Q1 2026. BVES will not complete construction in 2025.

Installation of System
Automation Equipment
GD_12
**Substation Automation
On Track**

Substation Automation:
Volume vs 2025 Goal: BVES plans to connect and automate 3 substations to SCADA in 2025.
Key Actions: BVES automated 0 substations in Q1. This initiative is on track to be completed in 2025.

Installation of System
Automation Equipment
GD_13
**Switch and Field Device
Automation
On Track**

Switch and Field Device Automation:
Volume vs 2025 Goal: BVES plans to connect and automate 10 field switches to SCADA in 2025.
Key Actions: BVES connected 3 field switches to SCADA in Q1. BVES is on track to meet the targets in 2025.

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

Capacitor Bank Upgrade Project:
Volume vs 2025 Goal: BVES plans to install and automate 6 Capacitor Banks by the end of 2025.
Key Actions: BVES has installed 0 capacitor banks as of Q1. This initiative is on track to meet the targets for 2025

Installation of System
Automation Equipment
GD_15
**Fuse TripSaver
Automation
On Track**

Fuse TripSaver Automation:
Volume vs 2025 Goal: BVES plans to connect and automate 50 Fuse TripSavers to SCADA in 2025.
Key Actions: BVES connected 35 Fuse TripSavers to SCADA as of Q1 exceeding the target. This initiative is on track to be completed in 2025.

Installation of System
Automation Equipment
GD_16
**Server Room
Completed**

Server Room:
Volume vs 2025 Goal: BVES plans to upgrade the Server Room at its main office in 2024.
Key Actions: Project is completed.

Installation of System
Automation Equipment
GD_17
**Distribution
Management Center
On Track**

Distribution Management Center:
Volume vs 2025 Goal: The Distribution Management Center Project is schedule for completion in 2025. BVES plans to finish the remaining 50% by the end of 2025.
Key Actions: BVES is currently on track to finish the remaining 50% project completion target for 2025.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Line Removals (In HFTD)
GD_18

**No Planned
Projects**

Line Removals (In HFTD):

Volume vs 2025 Goal: BVES does not have any planned line removals in HFTD in 2025.

Key Actions: N/A.

Other Grid Topology
Improvements to Minimize
Risk of Ignition

GD_19

**Tree Attachment
Removal Program
On Track**

Tree Attachment Removal Program:

Volume vs 2025 Goal: BVES plans to complete 100 tree attachment removals in 2025.

Key Actions: BVES completed 1 tree attachment removal as of Q1. This initiative is on track to be completed in 2025.

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 2025 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
Completed**

BVPP Phase 4 Upgrade Project:

Volume vs 2024 Goal: The BVPP Phase 4 Upgrade Project is schedule for completion in 2024.

Key Actions: BVES completed the project in 2024.

Other Technologies and
Systems Not Listed Above

GD_22

**Safety and Technical
Upgrades to Maltby
Substation
On Track**

Safety and Technical Upgrades to Maltby Substation:

Volume vs 2025 Goal: The Safety and Technical Upgrades to Maltby Substation is scheduled to be completed in 2025.

Key Actions: BVES is conducting project planning in Q1 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 2025 Goal: The Safety and Technical Upgrades to Lake Substation is scheduled to be completed in 2026.

Key Actions: No construction action will be taken on this program in 2025. BVES is performing project planning in 2025 and ordered equipment in Q1 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 2025 Goal: The Safety and Technical Upgrades to Village Substation is scheduled to be completed in 2027.

Key Actions: No construction action will be taken on this program in 2025. BVES will perform project planning in 2025.

Asset Inspection
GD_25

**Detailed Inspection
On Track**

Detailed Inspection:

Volume vs 2025 Goal: BVES plans to complete 53.0 circuit miles of detailed inspection in 2025.

Key Actions: BVES completed 12 circuit miles of detailed inspection in Q1. This initiative is on track to be completed in 2025.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Asset Inspection
GD_26
**Patrol Inspection
On Track**

Patrol Inspection:

Volume vs 2025 Goal: BVES plans to complete 205.0 circuit miles of patrol inspection in 2025.

Key Actions: BVES completed 57 circuit miles of patrol inspection in Q1. This initiative is on track to be completed in 2025.

Asset Inspection
GD_27
**UAV Thermography
On Track**

UAV Thermography:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of UAV HD Thermography inspection in 2025.

Key Actions: BVES completed 0 circuit miles of UAV Thermography inspection in Q1. This initiative is planned to be completed in Q3 of 2025.

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

UAV HD Photography/Videography:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of UAV HD Photography/Videography inspection in 2025.

Key Actions: BVES completed 0 circuit miles of UAV HD Photography/Videography inspections in Q1. This initiative is planned to be completed in Q3 of 2025.

Asset Inspection
GD_29
**LiDAR Inspection
On Track**

LiDAR Inspection:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of LiDAR inspection in 2025.

Key Actions: BVES completed 0 circuit miles of LiDAR inspection in Q1. This initiative is planned to be completed in Q3 of 2025.

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

3rd Party Ground Patrol:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of 3rd party ground patrol inspection in 2024.

Key Actions: BVES completed 0 circuit miles of 3rd party ground patrol inspection in Q1. This initiative is planned to be completed in Q3 of 2025.

Asset Inspection
GD_31
**Intrusive Pole
Inspection
On Track**

Intrusive Pole Inspection:

Volume vs 2025 Goal: BVES plans to conduct 850 intrusive pole inspections in 2024.

Key Actions: BVES completed 0 circuit miles of 3rd party ground patrol inspection in Q1. This initiative is planned to be completed in Q3 of 2025.

Asset Inspection
GD_32
**Substation Inspections
On Track**

Substation Inspections:

Volume vs 2025 Goal: BVES plans to conduct 144 substation inspections in 2024.

Key Actions: BVES conducted 39 substation in Q1. This initiative is on track to be completed in 2025.

Equipment Maintenance
and Repair
GD_33
On Track

Equipment Maintenance and Repair:

Volume vs 2025 Goal: Equipment maintenance is conducted as needed.

Key Actions: BVES conducted maintenance as needed.

Asset Management and
Inspection Enterprise
System(s)
GD_34
On Track

Asset Management and Inspection Enterprise System(s):

Volume vs 2025 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.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Quality Assurance /
Quality Control
GD_35
**Asset Quality
Assurance / Quality
Control**
On Track

Asset Quality Assurance / Quality Control:

Volume vs 2025 Goal: BVES plans to complete 20 asset QCs on WMP work in 2025.

Key Actions: BVES completed 5 asset QCs on WMP work in Q1 of 2025. This initiative is on track to be completed in 2025.

Open Work Orders
GD_36
**Asset Open Work
Orders**
On Track

Asset Open Work Orders:

Volume vs 2025 Goal: For 2025 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.

Equipment Settings to
Reduce Wildfire Risk
GD_37
On Track

Equipment Settings to Reduce Wildfire Risk:

Volume vs 2025 Goal: For 2025 BVES plans to review its equipment settings on a regular basis and evaluate the need for modified settings.

Key Actions: BVES plans to

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 2025 Goal: For 2025 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 in the process of reviewing these procedures. This initiative is on track to be completed in 2025.

Workforce Planning
GD_40
**Asset Workforce
Planning**
On Track

Asset Workforce Planning:

Volume vs 2025 Goal: For 2025 BVES has a goal to verify that wildfire related positions are appropriately staffed. This review is conducted quarterly.

Key Actions: BVES is in the process of reviewing these procedures. This initiative is on track to be completed in 2025.

Grid Response
Procedures and
Notifications
GD_38
On Track

Grid Response Procedures and Notifications:

Volume vs 2025 Goal: For 2025 BVES plans to review and, if necessary, update its procedures. This will be an annual process.

Key Actions: BVES is in the process of reviewing these procedures. This initiative is on track to be completed in 2025.



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

August 1, 2025

Via E-Mail

Caroline Thomas Jacobs
Director, Office of Energy Infrastructure Safety
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Docket #2025-SCs

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

Subject: Bear Valley Electric Service, Inc.'s Quarterly Notification Pursuant to Public Utilities Code section 8389(e)(7)

Background: Public Utilities Code (“PUC”) section 8389(e) establishes the requirements for annual safety certifications, including quarterly notification of the Office of Energy Infrastructure Safety and an information-only submittal of the same notification to the California Public Utilities Commission regarding an electrical corporation's progress in implementing its approved wildfire mitigation plan and the recommendations from its most recent safety culture assessments (pursuant to both PUC section 8386.2 and section 8389[d][4]), a statement of the recommendations of the board of directors safety committee from meetings that occurred during the quarter, and a summary regarding the progress in implementing the safety committee recommendations from the electrical corporation’s previous quarterly notification and information-only submittal.

Discussion

1. Quarterly Information-Only Submittal to the CPUC.

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 at safetypolicycentralfiles@cpuc.ca.gov, and serving the following service lists: Order Instituting Rulemaking (R.) 21-10-001 (Order Instituting Rulemaking to Develop Safety Culture Assessments for Electric and Natural Gas Utilities), R.18-10-007 (Order Instituting Rulemaking to Implement Electric Utility Wildfire Mitigation Plans Pursuant to Senate Bill 901), or their successors, and the service lists for Bear Valley’s most recent general rate case (GRC) application proceeding A.22-08-010. Additionally, this filing will be posted to the BVES website at <https://www.bvesinc.com/safety/wildfire-mitigation-plan>.

Q2 2025 Notification Letter

2. Quarterly Progress Report on WMP Implementation.

Bear Valley tracks 77 initiatives established in its 2023-2025 Wildfire Mitigation Plan (“WMP”). Bear Valley’s WMP initiatives are designed to mitigate the risk of wildfire due to a fault on the electric system and reduce the risk of Public Safety Power Shut-offs (PSPS) to customers. These mitigations are categorized across six categories within the WMP, which are: Grid Design, Operations and Maintenance, Vegetation Management and Inspections, Situational Awareness and Forecasting, Emergency Preparedness, Community Outreach and Engagement, Overview of the Service Territory, and Risk Methodology and Assessment.

In Attachment A, Bear Valley provides an initiative summary of progress for individual mitigation measures during Q2 2025. Bear Valley’s quarterly initiative summary presentation includes information submitted to the OEIS under the Quarterly Data Report (“QDR”) filings for Q2 2025 prepared in accordance with Energy Safety Data Guidelines (Version 4.01) as of March 21, 2025.

2.1. Overview of Significant Achievements.

BVES made significant progress in achieving its WMP initiative targets for 2025. As of the end of Q2 2025, some of the more significant achievements were:

- **Covered Conductor Replacement Project (GD_1).** 2025 target is 5.1 circuit miles. As of the end of Q2, BVES had replaced 3.0 circuit miles of bare conductors with covered conductors, which is ahead of the target of 1.0 for year-to-date Q2. BVES is on track to achieve the 2025 target.
- **Covered Conductor Replacement Project – Pole Replacements (GD_4).** 2025 target is 100 poles replaced. As of the end of Q2, BVES had replaced 78 poles, which is ahead of the target of 25 for year-to-date Q2. BVES is on track to achieve the 2025 target.
- **Evacuation Route Hardening Project (GD_6).** 2025 target is to install fire-resistant wire mesh on 500 wood poles. As of the end of Q2, BVES installed the fire-resistant wire mesh on 586 wood poles along the evacuation routes; thereby exceeding the 2025 target.
- **Tree Attachment Removal Project (GD_19).** 2025 target is to remove 100 tree attachments. As of the end of Q2, BVES removed 106 tree attachments; thereby exceeding the 2025 target.
- **Substation Automation (GD_12).** 2025 target is to automate 3 substations. As of the end of Q2, BVES automated 1 substation (Fawnskin Substation), which is on target for year-to-date Q2. BVES is on track to achieve the 2025 target.
- **Switch and Field Device Automation (GD_13).** 2025 target is to automate 10 switches. As of the end of Q2, BVES automated 5 field switches, which is on target for year-to-date Q2.
- **Capacitor Bank Upgrade Project (GD_14).** 2025 target is to replace and automate 6 capacitor banks. During Q1 and Q2 BVES conducted planning work to support achieving its 2025 target. Delivery of capacitor banks from the vendor were delayed and now BVES expects to receive them in August 2025. BVES plans to begin replacing and automating the capacitor banks starting in late Q3. BVES is on track to achieve the 2025 target.
- **Fuse TripSaver Automation (GD_15).** 2025 target is to automate 50 Fuse TripSavers. As of the end of Q2, BVES automated 50 Fuse TripSavers; thereby achieving the target for 2025.

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- **Substation Inspections (GD_32 and VM_6).** 2025 target is to conduct 144 substation inspections. As of the end of Q2, BVES conducted 78 substations; thereby exceeding the target of 72 for year-to-date Q2. BVES is on track to achieve the 2025 target.
- **Vegetation Clearance (VM_9).** 2025 target is to clear vegetation along 72 circuit miles of power lines. As of the end of Q2, BVES cleared vegetation along 49 circuit miles; thereby exceeding the target of 36 for year-to-date Q2. BVES is on track to achieve the 2025 target.
- **Fall-in mitigation (VM_10).** 2025 target is to remove or remediate 88 trees. As of the end of Q2, BVES removed or remediated 73 trees; thereby exceeding the target of 44 for year-to-date Q2.
- **Public Outreach and Education Awareness Program (COE_1).** 2025 target is to conduct 360 public outreach and education events. As of the end of Q2, BVES conducted 572 public outreach and education events; thereby exceeding the 2025 target.
- Asset inspection status:
 - **Detailed Inspection per GO-165 (GD_25).** 2025 target is 53 circuit miles. As of the end of Q2, BVES conducted 49 circuit miles, which is ahead of its year-to-date Q2 target of 21. BVES is on track to achieve the 2025 target.
 - **Patrol Inspection per GO-165 (GD_26).** 2025 target is 205 circuit miles. As of the end of Q2, BVES conducted 107 circuit miles, which is ahead of its year-to-date Q2 target of 0. BVES is on track to achieve the 2025 target.
 - **UAV Thermography (GD_27).** 2025 target is 205 circuit miles. As of the end of Q2, data acquisition was completed and the report is expected to be delivered in Q3.
 - **UAV HD Photography/Videography (GD_28).** 2025 target is 205 circuit miles. As of the end of Q2, data acquisition was completed and the report is expected to be delivered in Q3.
 - **LiDAR Inspection (GD_29).** 2025 target is 205 circuit miles. As of the end of Q2, data acquisition was completed and the report is expected to be delivered in Q3.
 - **3rd Party Ground Patrol (GD_30).** 2025 target is 205 circuit miles. As of the end of Q2, the 3rd Party Ground Patrol was started and will be completed before the end of Q3.
 - **Intrusive Pole Inspection (GD_31).** 2025 target is 850 poles. During Q1 and Q2, BVES conducted planning for this inspection. Data acquisition is expected to be conducted in Q3.
- Vegetation management inspection status:
 - **Detailed Inspection per GO-165 (VM_1).** 2025 target is 53 circuit miles. As of the end of Q2, BVES conducted 49 circuit miles, which is ahead of its year-to-date Q2 target of 21. BVES is on track to achieve the 2025 target.
 - **Patrol Inspection per GO-165 (VM_2).** 2025 target is 205 circuit miles. As of the end of Q2, BVES conducted 107 circuit miles, which is ahead of its year-to-date Q2 target of 0. BVES is on track to achieve the 2025 target.
 - **UAV HD Photography/Videography (VM_3).** 2025 target is 205 circuit miles. As of the end of Q2, data acquisition was completed and the report is expected to be delivered in Q3.
 - **LiDAR Inspection (VM_4).** 2025 target is 205 circuit miles. As of the end of Q2, data acquisition was completed and the report is expected to be delivered in Q3.
 - **3rd Party Ground Patrol (VM_5).** 2025 target is 205 circuit miles. As of the end of Q2, the 3rd Party Ground Patrol was started and will be completed before the end of Q3.

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- **Satellite Imaging (VM_19).** 2025 target is to conduct one satellite survey of service area. As of the end of Q2, data acquisition was completed and the report is expected to be delivered in Q3.

2.2. Overview of Delays or Problems That Arose.

In Bear Valley's 2025 WMP Update, BVES revised the target dates for BVES initiatives Bear Valley Solar Project (GD_10) and Energy Storage Project (GD_11) to 100% complete in 2025. These initiatives are designed to reduce the impact of PSPS due to a loss of Southern California Edison (SCE) power supply lines when SCE initiates a PSPS on these lines. The regulatory approval process for these projects is taking significantly longer than anticipated. BVES filed an application (A.24-05-020) for both projects with the CPUC on May 17, 2024. The application was initially assigned to ALJ Robert Haga. On October 16, 2024 it was reassigned to ALJ Trevor Pratt, who then conducted a pre-hearing conference on November 12, 2024. The CPUC issued a Scoping Memorandum, which establishes the issues to be resolved and the schedule, on February 24, 2025. Per the CPUC's schedule, a Decision is not expected until the end of 2025 or beginning of 2026. On July 18, 2025, BVES and Cal Advocates filed a Joint Settlement Motion for these projects. While this is promising that a Decision will likely be issued authorizing the projects, it is not prudent for BVES to order material for the projects until final regulatory approval is received; therefore, we do not believe these projects will be completed before the end of 2025. In fact, it is Bear Valley's assessment, based on the regulatory approval process and supply chain lead times, that the projects will not be fully operational until 2027. If BVES can shorten the schedule to complete the projects sooner, BVES will certainly do so since this is the best solution for Bear Valley's customers to mitigating PSPS impacts due to loss of SCE power supply lines.

3. Quarterly Progress Report on Implementing Safety Culture Assessment Recommendations.

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 had three recommendations, which Bear Valley has completed implementing. The recommendations were 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 has implemented a strategy to further improve contractor safety culture as follows:

- 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 is 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 the 2023 SCA as well as past SCAs. (Completed in June 2024.)
 - Conduct listening sessions to better understand and respond to contractor perceptions. (Completed in November 2024.)
 - Increase presence of leadership at job sites to witness challenges encountered by contractors. (Implemented in July 2024 and ongoing.)
 - Increase training to improve the ability of frontline supervisors to communicate effectively with contractors and ultimately improve the safety culture among contractors. (Completed in July 2024.)
 - Conduct training to make sure contractors understand how their work is an integral part of the BVES Wildfire Mitigation Plan and impacts public safety. (Completed in November 2024.)
 - Reach out to other investor owned utilities (IOUs) to develop best practices for improving contractor safety culture. (Completed in January 2025.)
 - Add "Contractor Engagement Strategy" as a BVES Safety Culture Objective in Bear Valley's 3-year Safety Culture Plan (fully achieve objective by 2026). (Completed in September 2024.)

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 implemented a strategy to address the 2023 SCA 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

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perceptions. (Completed in July 2024.)

- 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. (Completed in September 2024. One-on-one employee meetings are now an ongoing process year round.)
- 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 any way 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;
 - 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 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; and
 - 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. (Completed in November 2024.)

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 has implemented the following plan of action to Strengthen Safety-Enabling Systems:

- Develop and implement improved protocols for responding to safety events (near misses and hazards), including their reporting and management. (Completed in June 2024. "Near Misses" are now referred to as "Safety Improvement Opportunities" at BVES to encourage employees to self-report.)

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- 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. (Completed in November 2024.)
- 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.). (Completed in August 2024.)
- Incorporate “safety improvement opportunities” (near-miss and hazard) reporting into Bear Valley’s behavior based safety program implementation. (Completed in January 2025.)
- Set up training class to introduce Behavioral Based Training for the operations crews. (Completed in February 2025.)

In January and February 2025, Bear Valley employees and contractors completed the 2024 SCA surveys and Bear Valley provided requested safety culture assessment materials requested by Energy Safety and its SCA contractor.

4. Board of Directors Safety and Operations Committee Recommendations.

During Q2 2025, the Safety and Operations Committee (“Safety Committee”) met once on June 5, 2025.

4.1. Recommendations from the Most Recent Quarter.

On April 23, 2025, the Safety Committee recommended that the BVES Board approve additional CAPEX budget for resourcing of WMP initiatives for 2025 via unanimous written consent procedures. The Board approved the CAPEX budget recommendation and it was fully implemented by BVES management.

4.2. Progress on Previous Recommendations.

There are no outstanding or unresolved prior Safety Committee recommendations.

4.3. Summary of Significant Topics Covered at Safety And Operations Committee Meetings.

At the June 5, 2025 Safety Committee meeting, the Safety Committee heard presentations and conducted discussions on the following topics of significance on current safety items at BVES including:

- Wildfire Mitigation Plan compliance;
- 2023-2025 WMP initiative targets, progress on achieving the targets, resourcing WMP initiatives, and challenges in executing WMP initiative targets;
- Safety culture initiatives;
- Safety certification and progress in achieving the requirements to obtain a safety certification;
- Safety metrics and performance;
- Funding and resourcing of WMP initiatives;
- Asset hardening risk model;
- Areas at risk of Public Safety Power Shutoffs in the BVES service area; and

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- Status of implementing enhanced power line safety settings (EPSS).

Additionally, prior to the Safety Committee meeting convening on June 5, 2025, the Committee was provided a demonstration of the risk models that BVES is utilizing for wildfire and PSPS risk, a tour of the Distribution Control Center where grid automation progress was showcased, and a tour of some of BVES's grid hardening initiatives in the service area.

Sincerely,

/s/ Paul Marconi
President, Treasurer and Secretary
Bear Valley Electric Service, Inc.
Email: Paul.Marconi@bvesinc.com
Tel: (909) 202-9539

Attachment A

Initiative Summary of Progress for Individual Mitigation Measures during Q2 2025



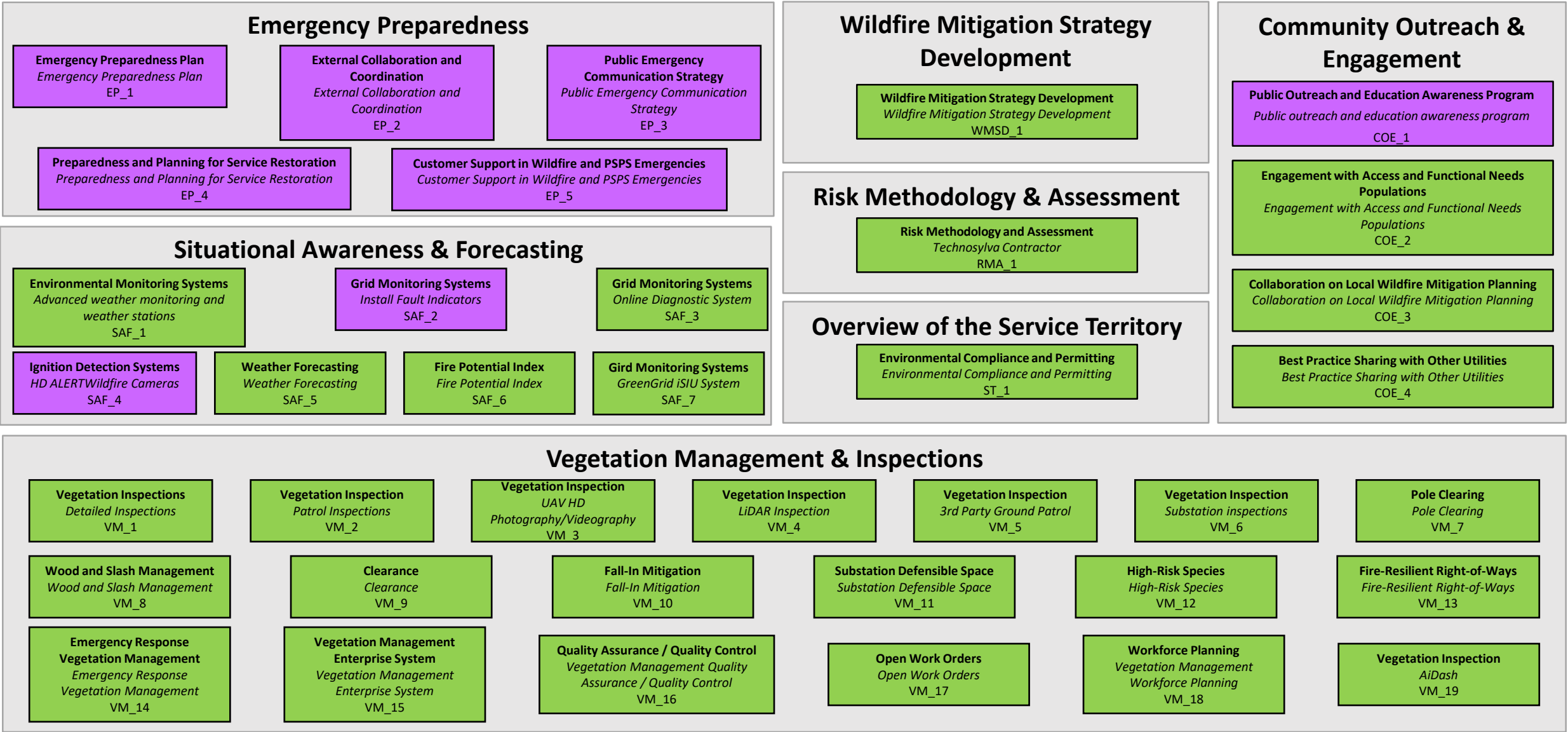
Wildfire Mitigation Plan Quarterly Notification Letter Initiatives Update

Bear Valley Electric Service, Inc.

Q2 2025

WMP Activity Summary

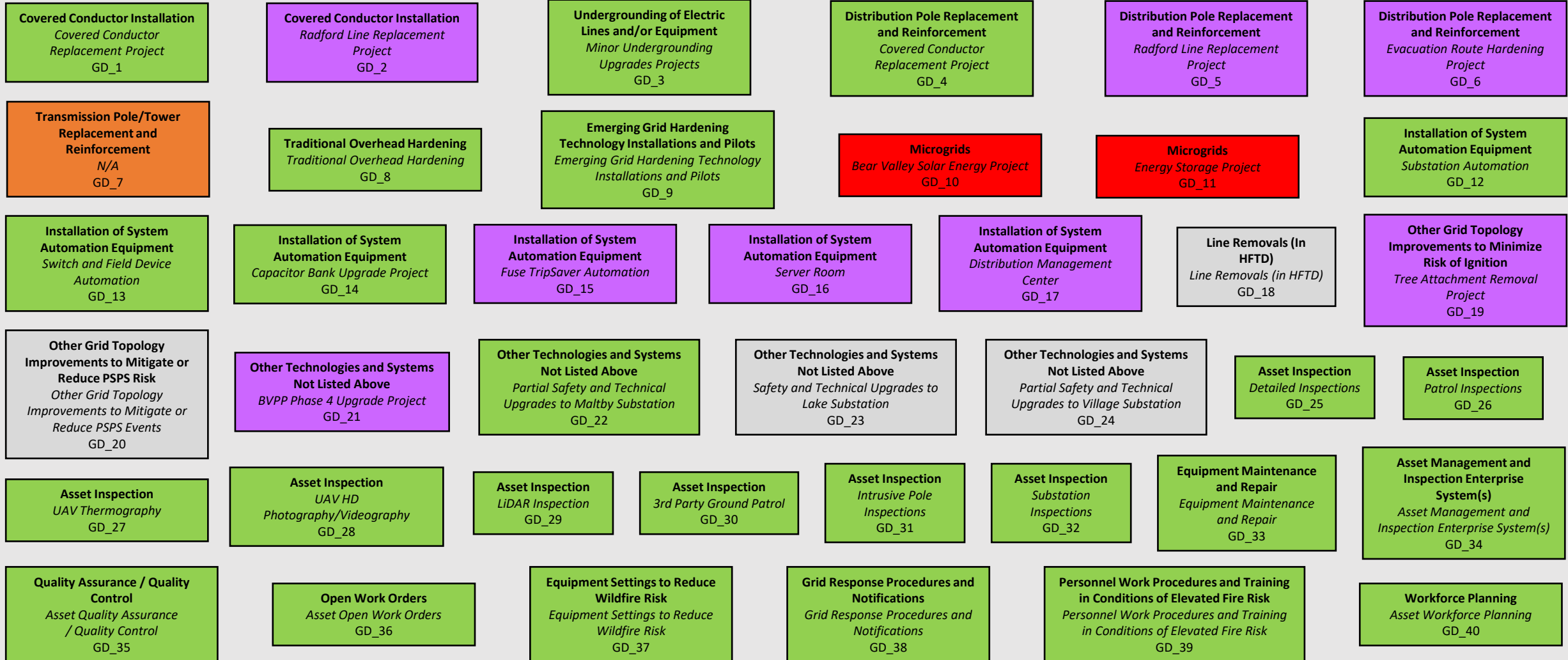
Not Started
 Completed/Ongoing
 Ahead of Plan
 On Track
 Off Track
 Not Currently Scheduled*



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

Emergency Preparedness Plan
EP_1

**Established /
Ongoing**

External Collaboration and Coordination
EP_2

**Established /
Ongoing**

Public Emergency Communication Strategy
EP_3

**Established /
Ongoing**

Preparedness and Planning for Service Restoration
EP_4

**Established /
Ongoing**

Customer Support in Wildfire and PSPS Emergencies
EP_5

**Established /
Ongoing**

Emergency Preparedness and Response Program and PSPS Plan:

Volume vs 2025 Goal: BVES did not record an emergencies in Q2 of 2025. 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.

Community Outreach & Engagement

Public Outreach and Education Awareness Program
COE_1

Completed

Public Outreach and Education Awareness Program:

Volume vs 2025 Goal: BVES planned to conduct a minimum of 360 outreach activities in 2025.

Key Actions: BVES met target in Q2. Program surpassed its annual goal and completed 572 outreach activities.

Collaboration on Local Wildfire Mitigation Planning
COE_3

On Track

Collaboration on Local Wildfire Mitigation Planning:

Volume vs 2025 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.

Engagement with Access and Functional Needs Populations
COE_2

On Track

Engagement with Access and Function Needs (AFN)

Populations:

Volume vs 2025 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. As of the end of Q2, BVES verified the AFN list and associated needs 12 times.

Best Practice Sharing with Other Utilities
COE_4

On Track

Best Practice Sharing with Other Utilities:

Volume vs 2025 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 37 conferences, working groups and meetings in Q2. As of the end of Q2, BVES attended 62 groups/conferences.

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 2025 Goal: BV 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 BV has established a maintenance program for the weather stations.

Key Actions: BVES has scheduled maintenance to be completed on all of the weather stations in 2025.

Grid Monitoring Systems
SAF_2

**Fault Indicator
Instillation
Completed**

Fault Indicator Instillation:

Volume vs 2025 Goal: There are no FI installations planned for 2025.

Key Actions: This initiative is completed.

Grid Monitoring Systems
SAF_3

**Online Diagnostic
System
On Track**

Online Diagnostic System:

Volume vs 2025 Goal: BVES plans to install online diagnostic capabilities on 1 circuit in 2025, and that will occur in Q3.

Key Actions: BVES is on track to complete this initiative in 2025.

Ignition Detection
Systems
SAF_4

**HD ALERTWildfire
Cameras
Completed**

HD ALERTWildfire Cameras:

Volume vs 2025 Goal: BV 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 2025 Goal: BV employs a weather consultant and uses Technoslyva'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 Q2.

Fire Potential Index
SAF_6

On Track

Fire Potential Index:

Volume vs 2025 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 2025 Goal: BVES has installed GreenGrid iSIU System nodes on two circuits in BVES service territory. In 2025 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:
2025 Goal: For 2025 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:
2025 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:
2025 Goal: For 2025 BVES plans to issue its 2026-2028 Base WMP for approval. Following approval, the WMP will be posted to its website for public viewing.
Key Actions: BVES submitted its WMP to Energy Safety on April 18, 2025.

WMP Activities Status vs. WMP Activity Goals

Vegetation Management & Inspection

Vegetation Inspections
VM_1

**Detailed Inspection
On Track**

Detailed Inspection:

Volume vs 2025 Goal: BVES plans to complete 53.0 circuit miles of detailed inspection in 2025.

Key Actions: In Q2 BVES completed 37 circuit miles of detailed inspection. As of the end of Q2, BVES completed 49 circuit miles of detailed inspection and is on track to complete this initiative for 2025.

Vegetation Inspection
VM_2

**Patrol Inspection
On Track**

Patrol Inspection:

Volume vs 2025 Goal: BVES plans to complete 205.0 circuit miles of patrol inspection in 2025.

Key Actions: In Q2 BVES completed 51 circuit miles of patrol inspection. As of the end of Q2, BVES completed 107 circuit miles of patrol inspection and is on track to complete this initiative for 2025.

Vegetation Inspection
VM_3

**UAV HD Photography /
Videography
On Track**

UAV HD Photography / Videography:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of UAV HD Photography/Videography inspection in 2025.

Key Actions: As of the end of Q2, all data acquisition was completed and BVES will receive the report in Q3.

Vegetation Inspection
VM_4

**LiDAR Inspection
On Track**

LiDAR Inspection:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of LiDAR inspection in 2025.

Key Actions: As of the end of Q2, all data acquisition was completed and BVES will receive the report in Q3.

Vegetation Inspection
VM_5

**3rd Party Ground Patrol
OnTrack**

3rd Party Ground Patrol:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of 3rd party ground patrol inspection in 2025.

Key Actions: BVES plans to complete 205.0 circuit miles of 3rd party ground patrol inspection in Q3.

Vegetation Inspection
VM_6

**Substation Inspections
On Track**

Substation Inspections:

Volume vs 2025 Goal: BVES plans to conduct 144 substation inspections in 2024.

Key Actions: BVES conducted 39 substation inspections in Q2. As of the end of Q2, BVES completed 78 substation inspections and is on track to complete this initiative for 2025.

Pole Clearing
VM_7

On Track

Pole Clearing:

Volume vs 2025 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 2025 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 2025 Goal: BVES plans to complete 72 circuit miles of clearing in 2025.

Key Actions: In Q2 BVES completed 24 circuit miles of clearing. As of the end of Q2, BVES completed 49 miles of vegetation clearance work and is on track to complete this initiative for 2025.

Fall-In Mitigation
VM_10

On Track

Fall-In Mitigation:

Volume vs 2025 Goal: BVES plans to remove 88 trees in 2025.

Key Actions: In Q2 BVES completed 48 tree removals. As of the end of Q2, BVES completed 73 tree removals and is on track to complete this initiative for 2025.

WMP Activities Status vs. WMP Activity Goals

Vegetation Management & Inspection

Substation Defensible
Space
VM_11
On Track

Substation Defensible Space:

Volume vs 2025 Goal: BVES's plans to conduct 13 substation vegetation abatements in 2025.

Key Actions: BVES plans to complete 13 substation abatements in Q3 of 2025.

High-Risk Species
VM_12
On Track

High-Risk Species:

Volume vs 2025 Goal: BVES conducts as-needed remediation of high-risk species in its service territory. There are no specific program targets for 2025.

Key Actions: BVES will act as inspection findings and VM crews identify high-risk species throughout 2025.

Fire-Resilient Right-of-
Ways
VM_13
On Track

Fire-Resilient Right-of-Ways:

Volume vs 2025 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 2025 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 2025.

Vegetation Management
Enterprise System
VM_15
On Track

Vegetation Management Enterprise System:

Volume vs 2025 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 2025 Goal: BVES plans to complete 5 VM audits in 2025.

Key Actions: In Q2 BVES completed 1 VM audit. As of the end of Q2, BVES completed 3 VM audits and is on track to complete this initiative for 2025.

Open Work Orders
VM_17
**Vegetation
Management Open
Work Orders
On Track**

Vegetation Management Open Work Orders:

Volume vs 2025 Goal: For 2025 BVES has a goal to have no work orders exceeding the GO 95 Rule 18 corrective action timeframe.

Key Actions: BVES does not have any work orders that exceeded the GO 95 timeframe in Q2 of 2025.

Workforce Planning
VM_18
**Vegetation
Management
Workforce Planning
On Track**

Vegetation Management Workforce Planning:

Volume vs 2025 Goal: For 2025 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 2025 Goal: BVES implemented AiDash satellite inspection program and plans to have one survey of its service area in 2025.

Key Actions: As of the end of Q2, data acquisition was completed and the report is expected to be delivered in Q3.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Covered Conductor
Installation
GD_1
**Covered Conductor
Replacement Program
On Track**

Covered Conductor Replacement Program:

Volume vs 2025 Goal: BVES plans replace 5.1 circuit miles of bare conductors with covered conductors in 2025.

Key Actions: BVES replaced 3 circuit miles of bare conductors in Q2. This initiative is on track to be completed in 2025.

Covered Conductor
Installation
GD_2
**Radford Line
Replacement Project
Completed**

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 completed installing 2.8 circuit miles of covered conductor and completed the Radford Line Replacement Project in 2024. This initiative was completed.

Undergrounding of
Electric Lines and/or
Equipment
GD_3
**Minor Undergrounding
Upgrades Projects
On Track**

Minor Undergrounding Upgrades Projects:

Volume vs 2025 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.

Distribution Pole
Replacement and
Reinforcement
GD_4
**Distribution Pole
Replacement and
Reinforcement
On Track**

Distribution Pole Replacement and Reinforcement:

Volume vs 2025 Goal: BVES plans to complete 100 pole replacements in 2025.

Key Actions: BVES completed 78 poles replacements in Q2. This initiative is on track to be completed in 2025.

Distribution Pole
Replacement and
Reinforcement
GD_5
**Radford Line
Replacement Project
Completed**

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

Volume vs 2025 Goal: BVES plans to complete the Radford Line Pole Replacement project in 2024, which includes replacing 70 poles.

Key Actions: BVES 83 poles in 2024 and completed the Radford Line Replacement Project in 2024. This initiative was completed.

Distribution Pole
Replacement and
Reinforcement
GD_6
**Evacuation Route
Hardening Project
Completed**

Distribution Pole Replacement and Reinforcement:

Volume vs 2025 Goal: BVES plans to install wire mesh on 500 poles in 2025.

Key Actions: As of the end of Q2, BVES installed wire mess wrap on 586 poles exceeding its 2025 target. This initiative is completed for 2025.

Transmission Pole/Tower
Replacement and
Reinforcement
GD_7
Not Applicable

Transmission Pole/Tower Replacement and Reinforcement:

Volume vs 2025 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 2025 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.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Emerging Grid Hardening
Technology Installations
and Pilots
GD_9
In Track

Emerging Grid Hardening Technology Installations and Pilots:
Volume vs 2025 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 2025 in this area.

Microgrids
GD_10
**Bear Valley Solar
Energy Project
Off Track**

Bear Valley Solar Energy Project:
Volume vs 2025 Goal: Complete construction in 2025.
Key Actions: BVES submitted application to CPUC in May 2024. According to CPUC schedule earlier application will be approved is Q4 2025 or Q1 2026. BVES will not complete construction in 2025.

Microgrids
GD_11
**Energy Storage Project
Off Track**

Bear Valley Energy Storage Project:
Volume vs 2025 Goal: Complete construction in 2025.
Key Actions: BVES submitted application to CPUC in May 2024. According to CPUC schedule earlier application will be approved is Q4 2025 or Q1 2026. BVES will not complete construction in 2025.

Installation of System
Automation Equipment
GD_12
**Substation Automation
On Track**

Substation Automation:
Volume vs 2025 Goal: BVES plans to connect and automate 3 substations to SCADA in 2025.
Key Actions: BVES automated 1 substation in Q2. As of the end of Q2, BVES completed 1 substation automation and is on track to complete this initiative for 2025.

Installation of System
Automation Equipment
GD_13
**Switch and Field Device
Automation
On Track**

Switch and Field Device Automation:
Volume vs 2025 Goal: BVES plans to connect and automate 10 field switches to SCADA in 2025.
Key Actions: BVES connected 2 field switches to SCADA in Q2. As of the end of Q2, BVES completed 5 field switches and is on track to complete this initiative for 2025.

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

Capacitor Bank Upgrade Project:
Volume vs 2025 Goal: BVES plans to install and automate 6 Capacitor Banks by the end of 2025.
Key Actions: BVES has installed 0 capacitor banks as of Q2. This initiative is on track to meet the targets for 2025

Installation of System
Automation Equipment
GD_15
**Fuse TripSaver
Automation
Completed**

Fuse TripSaver Automation:
Volume vs 2025 Goal: BVES plans to connect and automate 50 Fuse TripSavers to SCADA in 2025.
Key Actions: As of the end of Q2, BVES completed all 50 Fuse Tripsavers automation and this initiative is complete for 2025.

Installation of System
Automation Equipment
GD_16
**Server Room
Completed**

Server Room:
Volume vs 2025 Goal: BVES plans to upgrade the Server Room at its main office in 2024.
Key Actions: BVES completed the project in 2024.

Installation of System
Automation Equipment
GD_17
**Distribution
Management Center
Completed**

Distribution Management Center:
Volume vs 2025 Goal: The Distribution Management Center Project is schedule for completion in 2024.
Key Actions: BVES completed the project in 2024.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Line Removals (In HFTD)
GD_18

**No Planned
Projects**

Line Removals (In HFTD):

Volume vs 2025 Goal: BVES does not have any planned line removals in HFTD in 2025.

Key Actions: N/A.

Other Grid Topology
Improvements to Minimize
Risk of Ignition
GD_19

**Tree Attachment
Removal Program
Completed**

Tree Attachment Removal Program:

Volume vs 2025 Goal: BVES plans to complete 100 tree attachment removals in 2025.

Key Actions: BVES completed 105 tree attachment removal in Q2. As of Q2, BVES completed all 100 tree attachment removals and this initiative is complete for 2025.

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 2025 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
Completed**

BVPP Phase 4 Upgrade Project:

Volume vs 2024 Goal: The BVPP Phase 4 Upgrade Project is schedule for completion in 2024.

Key Actions: BVES completed the project in 2024.

Other Technologies and
Systems Not Listed Above
GD_22

**Safety and Technical
Upgrades to Maltby
Substation
On Track**

Safety and Technical Upgrades to Maltby Substation:

Volume vs 2025 Goal: The Safety and Technical Upgrades to Maltby Substation is scheduled to be completed in 2025.

Key Actions: BVES is conducting project planning in Q2 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 2025 Goal: The Safety and Technical Upgrades to Lake Substation is scheduled to be completed in 2026.

Key Actions: No construction action will be taken on this program in 2025. BVES is performing project planning in 2025 and ordered equipment in Q1 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 2025 Goal: The Safety and Technical Upgrades to Village Substation is scheduled to be completed in 2028.

Key Actions: No construction action will be taken on this program in 2025. BVES will perform project planning in 2025.

Asset Inspection
GD_25

**Detailed Inspection
On Track**

Detailed Inspection:

Volume vs 2025 Goal: BVES plans to complete 53.0 circuit miles of detailed inspection in 2025.

Key Actions: In Q2 BVES completed 37 circuit miles of detailed inspection. As of the end of Q2, BVES completed 49 circuit miles of detailed inspection and is on track to complete this initiative for 2025.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Asset Inspection
GD_26
**Patrol Inspection
On Track**

Patrol Inspection:

Volume vs 2025 Goal: BVES plans to complete 205.0 circuit miles of patrol inspection in 2025.

Key Actions: In Q2 BVES completed 51 circuit miles of patrol inspection in Q2 of 2025. As of the end of Q2, BVES completed 107 circuit miles of patrol inspection and is on track to complete this initiative for 2025.

Asset Inspection
GD_27
**UAV Thermography
On Track**

UAV Thermography:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of UAV HD Thermography inspection in 2025.

Key Actions: As of the end of Q2, all data acquisition was completed and BVES will receive the report in Q3.

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

UAV HD Photography/Videography:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of UAV HD Photography/Videography inspection in 2025.

Key Actions: As of the end of Q2, all data acquisition was completed and BVES will receive the report in Q3.

Asset Inspection
GD_29
**LiDAR Inspection
On Track**

LiDAR Inspection:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of LiDAR inspection in 2025.

Key Actions: As of the end of Q2, all data acquisition was completed and BVES will receive the report in Q3.

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

3rd Party Ground Patrol:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of 3rd party ground patrol inspection in 2024.

Key Actions: This initiative is planned to be completed in Q3 of 2025.

Asset Inspection
GD_31
**Intrusive Pole
Inspection
On Track**

Intrusive Pole Inspection:

Volume vs 2025 Goal: BVES plans to conduct 850 intrusive pole inspections in 2024.

Key Actions: This initiative is planned to be completed in Q3 of 2025.

Asset Inspection
GD_32
**Substation Inspections
On Track**

Substation Inspections:

Volume vs 2025 Goal: BVES plans to conduct 144 substation inspections in 2024.

Key Actions: In Q2 BVES conducted 39 substation inspections. As of the end of Q2, BVES completed 78 substation inspections and is on track to complete this initiative for 2025.

Equipment Maintenance
and Repair
GD_33
On Track

Equipment Maintenance and Repair:

Volume vs 2025 Goal: Equipment maintenance is conducted as needed.

Key Actions: BVES conducted maintenance as needed.

Asset Management and
Inspection Enterprise
System(s)
GD_34
On Track

Asset Management and Inspection Enterprise System(s):

Volume vs 2025 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.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Quality Assurance /
Quality Control
GD_35
**Asset Quality
Assurance / Quality
Control**
On Track

Asset Quality Assurance / Quality Control:

Volume vs 2025 Goal: BVES plans to complete 20 asset QCs on WMP work in 2025.

Key Actions: BVES completed 5 asset QCs on WMP work in Q2 of 2025. As of Q2, BVES completed 10 QA/QC inspections and is on track to complete this initiative for 2025.

Open Work Orders
GD_36
**Asset Open Work
Orders**
On Track

Asset Open Work Orders:

Volume vs 2025 Goal: For 2025 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.

Equipment Settings to
Reduce Wildfire Risk
GD_37
On Track

Equipment Settings to Reduce Wildfire Risk:

Volume vs 2025 Goal: For 2025 BVES plans to review its equipment settings on a regular basis and evaluate the need for modified settings.

Key Actions: BVES plans to begin implementation in Q3.

Grid Response
Procedures and
Notifications
GD_38
On Track

Grid Response Procedures and Notifications:

Volume vs 2025 Goal: For 2025 BVES plans to review and, if necessary, update its procedures. This will be an annual process.

Key Actions: BVES is in the process of reviewing these procedures. This initiative is on track to be completed in 2025.

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 2025 Goal: For 2025 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 in the process of reviewing these procedures. This initiative is on track to be completed in 2025.

Workforce Planning
GD_40
**Asset Workforce
Planning**
On Track

Asset Workforce Planning:

Volume vs 2025 Goal: For 2025 BVES has a goal to verify that wildfire related positions are appropriately staffed. This review is conducted quarterly.

Key Actions: BVES is in the process of reviewing these procedures. This initiative is on track to be completed in 2025.



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A Subsidiary of American States Water Company

November 3, 2025

Via E-Mail

Caroline Thomas Jacobs
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Sacramento, CA 95814
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Docket #2025-SCs

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

Subject: Bear Valley Electric Service, Inc.'s Quarterly Notification Pursuant to Public Utilities Code section 8389(e)(7)

Background: Public Utilities Code (“PUC”) section 8389(e) establishes the requirements for annual safety certifications, including quarterly notification of the Office of Energy Infrastructure Safety and an information-only submittal of the same notification to the California Public Utilities Commission regarding an electrical corporation's progress in implementing its approved wildfire mitigation plan and the recommendations from its most recent safety culture assessments (pursuant to both PUC section 8386.2 and section 8389[d][4]), a statement of the recommendations of the board of directors safety committee from meetings that occurred during the quarter, and a summary regarding the progress in implementing the safety committee recommendations from the electrical corporation’s previous quarterly notification and information-only submittal.

Discussion

1. Quarterly Information-Only Submittal to the CPUC.

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 at safetypolicycentralfiles@cpuc.ca.gov, and serving the following service lists: Order Instituting Rulemaking (R.) 21-10-001 (Order Instituting Rulemaking to Develop Safety Culture Assessments for Electric and Natural Gas Utilities), R.18-10-007 (Order Instituting Rulemaking to Implement Electric Utility Wildfire Mitigation Plans Pursuant to Senate Bill 901), or their successors, and the service lists for Bear Valley’s most recent general rate case (GRC) application proceeding A.22-08-010. Additionally, this filing will be posted to the BVES website at <https://www.bvesinc.com/safety/wildfire-mitigation-plan>.

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2. Quarterly Progress Report on WMP Implementation.

Bear Valley tracks 77 initiatives established in its 2023-2025 Wildfire Mitigation Plan (“WMP”). Bear Valley’s WMP initiatives are designed to mitigate the risk of wildfire due to a fault on the electric system and reduce the risk of Public Safety Power Shut-offs (PSPS) to customers. These mitigations are categorized across six categories within the WMP, which are: Grid Design, Operations and Maintenance, Vegetation Management and Inspections, Situational Awareness and Forecasting, Emergency Preparedness, Community Outreach and Engagement, Overview of the Service Territory, and Risk Methodology and Assessment.

In Attachment A, Bear Valley provides an initiative summary of progress for individual mitigation measures during Q3 2025. Bear Valley’s quarterly initiative summary presentation includes information submitted to the OEIS under the Quarterly Data Report (“QDR”) filings for Q3 2025 prepared in accordance with Energy Safety Data Guidelines (Version 4.01) as of March 21, 2025.

2.1. Overview of Significant Achievements.

BVES made significant progress in achieving its WMP initiative targets for 2025. As of the end of Q3 2025, some of the more significant achievements were:

- **Covered Conductor Replacement Project (GD_1).** 2025 target is 5.1 circuit miles. As of the end of Q3, BVES had replaced 7.73 circuit miles of bare conductors with covered conductors; thereby exceeding the 2025 target.
- **Covered Conductor Replacement Project – Pole Replacements (GD_4).** 2025 target is 100 poles replaced. As of the end of Q3, BVES had replaced 115 poles; thereby exceeding the 2025 target.
- **Evacuation Route Hardening Project (GD_6).** 2025 target is to install fire-resistant wire mesh on 500 wood poles. As of the end of Q3, BVES installed the fire-resistant wire mesh on 595 wood poles along the evacuation routes; thereby exceeding the 2025 target.
- **Tree Attachment Removal Project (GD_19).** 2025 target is to remove 100 tree attachments. As of the end of Q3, BVES removed 106 tree attachments; thereby exceeding the 2025 target.
- **Substation Automation (GD_12).** 2025 target is to automate 3 substations. As of the end of Q3, BVES automated 2 substations (Fawnskin and Snow Summit Substations), which is on target for year-to-date Q3. BVES is on track to achieve the 2025 target.
- **Switch and Field Device Automation (GD_13).** 2025 target is to automate 11 switches. As of the end of Q3, BVES automated 10 field switches, which is on target for year-to-date Q3. BVES is on track to achieve the 2025 target.
- **Capacitor Bank Upgrade Project (GD_14).** 2025 target is to replace 6 capacitor banks. As of the end of Q3, BVES replaced 5 capacitor banks, which is on target for year-to-date Q3. BVES is on track to achieve the 2025 target.
- **Fuse TripSaver Automation (GD_15).** 2025 target is to automate 50 Fuse TripSavers. As of the end of Q3, BVES automated 50 Fuse TripSavers; thereby achieving the target for 2025.

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- **Substation Inspections (GD_32 and VM_6).** 2025 target is to conduct 144 substation inspections. As of the end of Q3, BVES conducted 117 substation inspections; thereby exceeding the target of 108 for year-to-date Q3. BVES is on track to achieve the 2025 target.
- **Vegetation Clearance (VM_9).** 2025 target is to clear vegetation along 72 circuit miles of power lines. As of the end of Q3, BVES cleared vegetation along 59 circuit miles; thereby exceeding the target of 54 for year-to-date Q3. BVES is on track to achieve the 2025 target.
- **Fall-in mitigation (VM_10).** 2025 target is to remove or remediate 88 trees. As of the end of Q3, BVES removed or remediated 116 trees; thereby exceeding the 2025 target.
- **Public Outreach and Education Awareness Program (COE_1).** 2025 target is to conduct 360 public outreach and education events. As of the end of Q3, BVES conducted 851 public outreach and education events; thereby exceeding the 2025 target.
- **Online Diagnostic System (SAF_3).** 2025 target is to install sensors on 1 circuit. As of the end of Q3, BVES has installed 0 sensors on 0 circuits. BVES is on track to achieve the 2025 target in Q4.
- **Equipment Setting to Reduce Wildfire Risk (GD_37).** 2025 BVES plans to review its equipment settings on a regular basis and evaluate the need for modified settings. BVES implemented EPSS on 4 devices in Q3.
- Asset inspection status:
 - **Detailed Inspection per GO-165 (GD_25).** 2025 target is 53 circuit miles. As of the end of Q3, BVES conducted 49 circuit miles of detailed inspection, which is ahead of its year-to-date Q3 target of 40. BVES is on track to achieve the 2025 target.
 - **Patrol Inspection per GO-165 (GD_26).** 2025 target is 205 circuit miles. As of the end of Q3, BVES conducted 168 circuit miles of patrol inspection, which is ahead of its year-to-date Q3 target of 153. BVES is on track to achieve the 2025 target.
 - **UAV Thermography (GD_27).** 2025 target is 205 circuit miles. As of the end of Q3, BVES conducted 205 circuit miles of thermography inspection; thereby achieving the 2025 target.
 - **UAV HD Photography/Videography (GD_28).** 2025 target is 205 circuit miles. As of the end of Q3, BVES conducted 205 circuit miles of photography/videography inspection; thereby achieving the 2025 target.
 - **LiDAR Inspection (GD_29).** 2025 target is 205 circuit miles. As of the end of Q3, BVES conducted 205 circuit miles of LiDAR inspection; thereby achieving the 2025 target.
 - **3rd Party Ground Patrol (GD_30).** 2025 target is 205 circuit miles. As of the end of Q3, BVES conducted 205 circuit miles of 3rd party ground patrol inspection; thereby achieving the 2025 target.
 - **Intrusive Pole Inspection (GD_31).** 2025 target is 850 poles. As of the end of Q3, BVES conducted 850 intrusive pole inspections; thereby achieving the 2025 target.
- Vegetation management inspection status:
 - **Detailed Inspection per GO-165 (VM_1).** 2025 target is 53 circuit miles. As of the end of Q3, BVES conducted 49 circuit miles of detailed inspection, which is ahead of its year-to-date Q3 target of 40. BVES is on track to achieve the 2025 target.

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- **Patrol Inspection per GO-165 (VM_2).** 2025 target is 205 circuit miles. As of the end of Q3, BVES conducted 168 circuit miles of patrol inspection, which is ahead of its year-to-date Q3 target of 153. BVES is on track to achieve the 2025 target.
- **UAV HD Photography/Videography (VM_3).** 2025 target is 205 circuit miles. As of the end of Q3, BVES conducted 205 circuit miles of photography/videography inspection; thereby achieving the 2025 target.
- **LiDAR Inspection (VM_4).** 2025 target is 205 circuit miles. As of the end of Q3, BVES conducted 205 circuit miles of LiDAR inspection; thereby achieving the 2025 target.
- **3rd Party Ground Patrol (VM_5).** 2025 target is 205 circuit miles. As of the end of Q3, BVES conducted 205 circuit miles of 3rd party ground patrol inspection; thereby achieving the 2025 target.
- **Satellite Imaging (VM_19).** 2025 target is to conduct one satellite survey of service area. As of the end of Q3, BVES completed one satellite survey of the service area; thereby achieving the 2025 target.

2.2. Overview of Delays or Problems That Arose.

In Bear Valley's 2025 WMP Update, BVES revised the target dates for BVES initiatives Bear Valley Solar Project (GD_10) and Energy Storage Project (GD_11) to 100% complete in 2025. These initiatives are designed to reduce the impact of PSPS due to a loss of Southern California Edison (SCE) power supply lines when SCE initiates a PSPS on these lines. The regulatory approval process for these projects is taking significantly longer than anticipated. BVES filed an application (A.24-05-020) for both projects with the CPUC on May 17, 2024. The application was initially assigned to ALJ Robert Haga. On October 16, 2024 it was reassigned to ALJ Trevor Pratt, who then conducted a pre-hearing conference on November 12, 2024. The CPUC issued a Scoping Memorandum, which establishes the issues to be resolved and the schedule, on February 24, 2025. Per the CPUC's schedule, a Decision is not expected until the end of 2025 or beginning of 2026. On July 18, 2025, BVES and Cal Advocates filed a Joint Settlement Motion for these projects. While this is promising that a Decision will likely be issued authorizing the projects, it is not prudent for BVES to order material for the projects until final regulatory approval is received; therefore, we do not believe these projects will be completed before the end of 2025. In fact, it is Bear Valley's assessment, based on the regulatory approval process and supply chain lead times, that the projects will not be fully operational until late 2026 or early 2027. If BVES can shorten the schedule to complete the projects sooner, BVES will certainly do so since this is the best solution for Bear Valley's customers to mitigating PSPS impacts due to loss of SCE power supply lines.

3. Quarterly Progress Report on Implementing Safety Culture Assessment Recommendations.

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 had three recommendations, which Bear Valley has completed implementing. The recommendations were 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

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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 has implemented a strategy to further improve contractor safety culture as follows:

- 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) consistently lower than the other IOUs that performed similar SCAs over the last three years.
- BVES is building upon the measures it has already put in place to improve contractor safety culture and has added in the following additional actions:
 - Meet with contractor leadership and go over the 2023 SCA as well as past SCAs. (Completed in June 2024.)
 - Conduct listening sessions to better understand and respond to contractor perceptions. (Completed in November 2024.)
 - Increase presence of leadership at job sites to witness challenges encountered by contractors. (Implemented in July 2024 and ongoing.)
 - Increase training to improve the ability of frontline supervisors to communicate effectively with contractors and ultimately improve the safety culture among contractors. (Completed in July 2024.)
 - Conduct training to make sure contractors understand how their work is an integral part of the BVES Wildfire Mitigation Plan and impacts public safety. (Completed in November 2024.)
 - Reach out to other investor owned utilities (IOUs) to develop best practices for improving contractor safety culture. (Completed in January 2025.)
 - Add "Contractor Engagement Strategy" as a BVES Safety Culture Objective in Bear Valley's 3-year Safety Culture Plan (fully achieve objective by 2026). (Completed in September 2024.)

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.

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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 implemented a strategy to address the 2023 SCA 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. (Completed in July 2024.)
- 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. (Completed in September 2024. One-on-one employee meetings are now an ongoing process year round.)
- 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 any way 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;
 - 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 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; and
 - 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. (Completed in November 2024.)

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,

Q3 2025 Notification Letter

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 has implemented the following plan of action to Strengthen Safety-Enabling Systems:

- Develop and implement improved protocols for responding to safety events (near misses and hazards), including their reporting and management. (Completed in June 2024. “Near Misses” are now referred to as “Safety Improvement Opportunities” at BVES to encourage employees to self-report.)
- 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. (Completed in November 2024.)
- 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.). (Completed in August 2024.)
- Incorporate “safety improvement opportunities” (near-miss and hazard) reporting into Bear Valley’s behavior based safety program implementation. (Completed in January 2025.)
- Set up training class to introduce Behavioral Based Training for the operations crews. (Completed in February 2025.)

In January and February 2025, Bear Valley employees and its contractors completed the 2024 SCA surveys and Bear Valley provided requested safety culture assessment materials requested by Energy Safety and its SCA contractor.

4. Board of Directors Safety and Operations Committee Recommendations.

During Q3 2025, the Safety and Operations Committee (“Safety Committee”) met once on August 20, 2025. Additionally, the Safety Committee was engaged on three separate occasions utilizing Unanimous Written Consent procedures pursuant to Section 307(c) of the California Corporations Code.

4.1. Recommendations from the Most Recent Quarter.

On September 20, 2025, the Safety Committee recommended that the BVES Board approve additional CAPEX budget for resourcing of WMP initiatives for 2025 via unanimous written consent procedures. The Board approved the CAPEX budget recommendation and it was fully implemented by BVES management.

On October 6, 2025, the Safety Committee recommended that the BVES Board authorize management to negotiate and execute an agreement with a qualified contractor for the design and construction of the Partial Safety and Technical Upgrades to Village Substation Project via unanimous written consent procedures. The Board authorized management to negotiate and execute an agreement with a qualified contractor for the design and construction of the Partial Safety and Technical Upgrades to Village Substation Project. Management is in process of negotiating and executing the agreement with a qualified contractor.

Q3 2025 Notification Letter

On October 9, 2025, the Safety Committee recommended that the BVES Board authorize management to negotiate and execute an agreement with a qualified contractor to provide vegetation management services via unanimous written consent procedures. The Board authorized management to negotiate and execute an agreement with a qualified contractor to provide vegetation management services via unanimous written consent procedures. Management is in process of negotiating and executing the agreement with a qualified contractor.

4.2. Progress on Previous Recommendations.

There are no outstanding or unresolved prior Safety Committee recommendations.

4.3. Summary of Significant Topics Covered at Safety And Operations Committee Meetings.

At the August 20, 2025 Safety Committee meeting, the Safety Committee heard presentations and conducted discussions on the following topics of significance on current safety items at BVES including:

- Wildfire Mitigation Plan compliance;
- 2023-2025 WMP initiative targets, progress on achieving the targets, resourcing WMP initiatives, and challenges in executing WMP initiative targets;
- Safety culture initiatives;
- Safety certification and progress in achieving the requirements to obtain a safety certification;
- Safety metrics and performance; and
- Status of implementing enhanced power line safety settings (EPSS).

Sincerely,

/s/ Paul Marconi
President, Treasurer and Secretary
Bear Valley Electric Service, Inc.
Email: Paul.Marconi@bvesinc.com
Tel: (909) 202-9539

Attachment A

Initiative Summary of Progress for Individual Mitigation Measures during Q3 2025



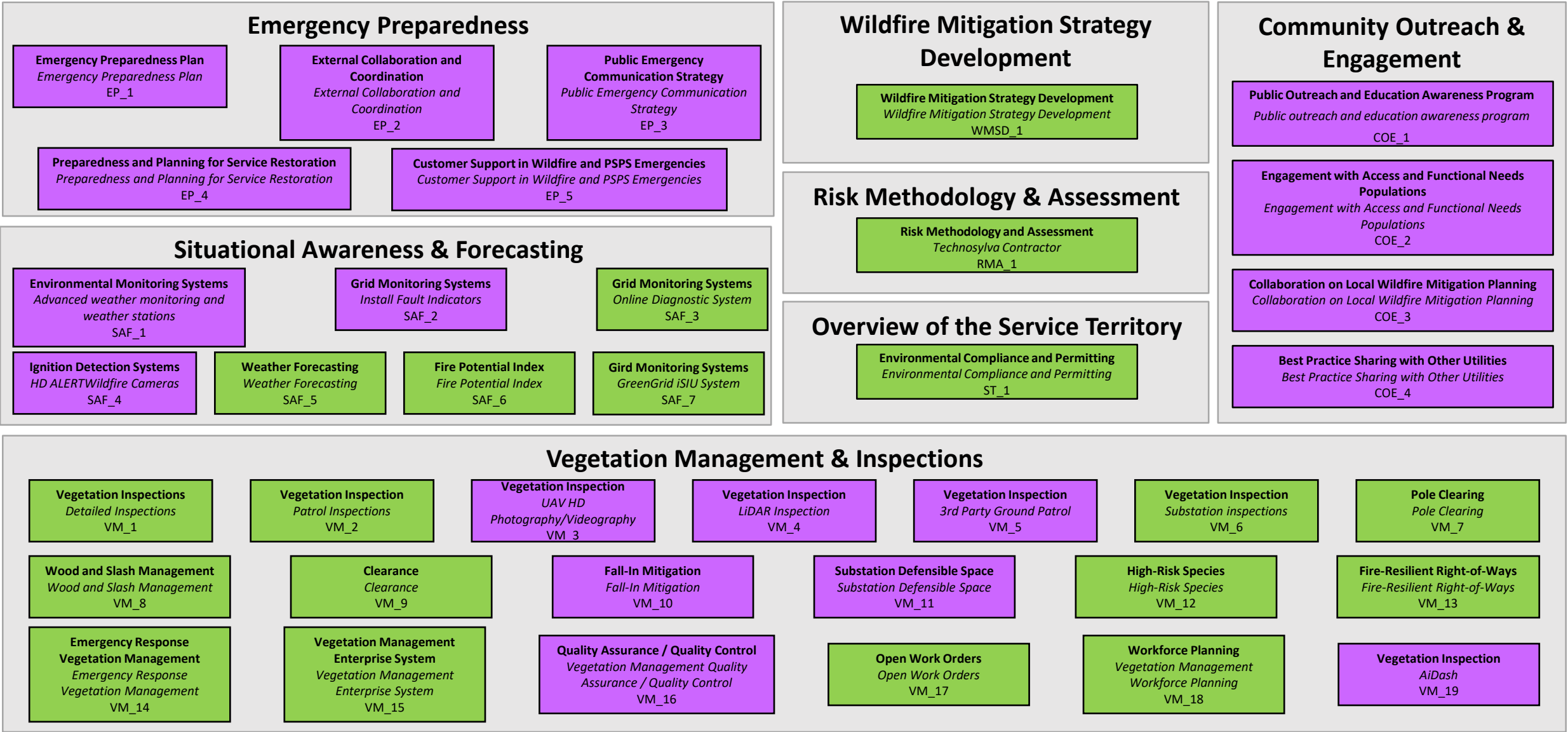
Wildfire Mitigation Plan Quarterly Notification Letter Initiatives Update

Bear Valley Electric Service, Inc.

Q3 2025

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

Emergency Preparedness Plan
EP_1

**Established /
Ongoing**

External Collaboration and Coordination
EP_2

**Established /
Ongoing**

Public Emergency Communication Strategy
EP_3

**Established /
Ongoing**

Preparedness and Planning for Service Restoration
EP_4

**Established /
Ongoing**

Customer Support in Wildfire and PSPS Emergencies
EP_5

**Established /
Ongoing**

Emergency Preparedness and Response Program and PSPS Plan:

Volume vs 2025 Goal: BVES did not record an emergencies in Q3 of 2025. 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.

Community Outreach & Engagement

Public Outreach and Education Awareness Program
COE_1

Completed

Public Outreach and Education Awareness Program:

Volume vs 2025 Goal: BVES planned to conduct a minimum of 360 outreach activities in 2025.

Key Actions: BVES conducted 279 outreach activities in Q3. As of the end of Q3, BVES has completed 851 outreach activities surpassing the annual goal.

Collaboration on Local Wildfire Mitigation Planning
COE_3

Completed

Collaboration on Local Wildfire Mitigation Planning:

Volume vs 2025 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 met with the Big Bear Fire Chief and Battalion Chief to discuss PSPS events and our WMP initiative and project status in Q3.

Engagement with Access and Functional Needs Populations
COE_2

Completed

Engagement with Access and Function Needs (AFN)

Populations:

Volume vs 2025 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. As of Q3 BVES verified the AFN list, and associated needs 18 times. This initiative is completed for 2025.

Best Practice Sharing with Other Utilities
COE_4

Completed

Best Practice Sharing with Other Utilities:

Volume vs 2025 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 34 conferences, working groups and meetings in Q3. BVES has attended 96 groups/conferences through Q3 and this initiative is completed for 2025.

WMP Activities Status vs. WMP Activity Goals

Situational Awareness & Forecasting

Environmental
Monitoring Systems
SAF_1

**Advanced Weather
Monitoring and
Weather Stations
Completed**

Advanced Weather Monitoring and Weather Stations:

Volume vs 2025 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 scheduled maintenance program for the weather stations.

Key Actions: BVES has completed all scheduled maintenance on all of the weather stations for 2025.

Grid Monitoring Systems
SAF_2

**Fault Indicator
Instillation
Completed**

Fault Indicator Instillation:

Volume vs 2025 Goal: No fault indicators were planned to be installed 2025.

Key Actions: This initiative is completed for 2025.

Grid Monitoring Systems
SAF_3

**Online Diagnostic
System
On Track**

Online Diagnostic System:

Volume vs 2025 Goal: BVES plans to install online diagnostic capabilities on 1 circuit in 2025, and that will occur in Q4.

Key Actions: BVES is on track to complete this initiative in 2025.

Ignition Detection
Systems
SAF_4

**HD ALERTWildfire
Cameras
Completed**

HD ALERTWildfire Cameras:

Volume vs 2025 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 2025 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 Q3.

Fire Potential Index
SAF_6

On Track

Fire Potential Index:

Volume vs 2025 Goal: As of late 2023 BVES has transitioned to using the FPI developed by Technosylva as part of its daily operations.

Key Actions: BVES operations monitors daily 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 2025 Goal: BVES has installed GreenGrid iSIU System nodes on two circuits in BVES service territory. In 2025 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:
2025 Goal: For 2025 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:
2025 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:
2025 Goal: For 2025 BVES plans to issue its 2026-2028 Base WMP for approval. Following approval, the WMP will be posted to its website for public viewing.
Key Actions: On October 10, 2025, BVES received a revised draft decision from OEIS approving BVES 2026-2028 Base WMP.

WMP Activities Status vs. WMP Activity Goals

Vegetation Management & Inspection

Vegetation Inspections
VM_1
**Detailed Inspection
On Track**

Detailed Inspection:

Volume vs 2025 Goal: BVES plans to complete 53.0 circuit miles of detailed inspection in 2025.

Key Actions: As of Q3, BVES completed 49 miles of detailed inspection and is on track to complete this initiative for 2025.

Vegetation Inspection
VM_2
**Patrol Inspection
On Track**

Patrol Inspection:

Volume vs 2025 Goal: BVES plans to complete 205.0 circuit miles of patrol inspection in 2025.

Key Actions: BVES completed 61 circuit miles of patrol inspection in Q3 of 2025. As of Q3, BVES completed 168 miles of patrol inspection and is on track to complete this initiative for 2025.

Vegetation Inspection
VM_3
**UAV HD Photography /
Videography
Completed**

UAV HD Photography / Videography:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of UAV HD Photography/Videography inspection in 2025.

Key Actions: BVES completed 205.0 circuit miles of UAV HD Photography/Videography inspection in Q3. This initiative is completed for 2025.

Vegetation Inspection
VM_4
**LiDAR Inspection
Completed**

LiDAR Inspection:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of LiDAR inspection in 2025.

Key Actions: BVES completed 205.0 circuit miles of LiDAR inspection in Q3. This initiative is completed for 2025.

Vegetation Inspection
VM_5
**3rd Party Ground Patrol
Completed**

3rd Party Ground Patrol:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of 3rd party ground patrol inspection in 2025.

Key Actions: BVES completed 205.0 circuit miles of 3rd party ground patrol inspection in Q3. This initiative is completed for 2025.

Vegetation Inspection
VM_6
**Substation Inspections
On Track**

Substation Inspections:

Volume vs 2025 Goal: BVES plans to conduct 144 substation inspections in 2024.

Key Actions: BVES conducted 39 substation inspections in Q3. As of Q3, BVES has completed 117 substation inspections and is on track to complete this initiative for 2025.

Pole Clearing
VM_7
On Track

Pole Clearing:

Volume vs 2025 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 2025 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 2025 Goal: BVES plans to complete 72 circuit miles of clearing in 2025.

Key Actions: BVES completed 10 circuit miles of clearing in Q3. As of Q3, BVES completed 59 miles of vegetation clearance work and is on track to complete this initiative for 2025.

Fall-In Mitigation
VM_10
Completed

Fall-In Mitigation:

Volume vs 2025 Goal: BVES plans to remove 88 trees in 2025.

Key Actions: BVES completed 43 tree removals in Q3 of 2025. As of Q3, BVES completed 116 tree removals and has completes this initiative for 2025.

WMP Activities Status vs. WMP Activity Goals

Vegetation Management & Inspection

Substation Defensible
Space
VM_11
Completed

Substation Defensible Space:

Volume vs 2025 Goal: BVES's plans to conduct 13 substation vegetation abatements in 2025.

Key Actions: BVES completed 13 substation abatements in Q3 of 2025. This initiative is completed for 2025.

High-Risk Species
VM_12
On Track

High-Risk Species:

Volume vs 2025 Goal: BVES conducts as-needed remediation of high-risk species in its service territory. There are no specific program targets for 2025.

Key Actions: BVES will act as inspection findings and VM crews identify high-risk species throughout 2025.

Fire-Resilient Right-of-
Ways
VM_13
On Track

Fire-Resilient Right-of-Ways:

Volume vs 2025 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 2025 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 2025.

Vegetation Management
Enterprise System
VM_15
On Track

Vegetation Management Enterprise System:

Volume vs 2025 Goal: The Vegetation Management Enterprise System is an ongoing activity for BVES.

Key Actions: BVES continues to update its Vegetation Management Enterprise System. BVES has migrated all vegetation management enterprise systems into the AiDash IVMS program beginning in Q2 2025.

Quality Assurance /
Quality Control
VM_16
**Vegetation
Management Quality
Assurance / Quality
Control
Completed**

Vegetation Management Quality Assurance / Quality Control:

Volume vs 2025 Goal: BVES plans to complete 72 vegetation management audits in 2025.

Key Actions: BVES completed 54 VM QC's in Q3 of 2025. As of Q3, BVES completed 123 VM QC's and has completed for this initiative for 2025.

Open Work Orders
VM_17
**Vegetation
Management Open
Work Orders
On Track**

Vegetation Management Open Work Orders:

Volume vs 2025 Goal: For 2025 BVES has a goal to have no work orders exceeding the GO 95 Rule 18 corrective action timeframe.

Key Actions: BVES does not have any work orders that exceeded the GO 95 timeframe in Q3 of 2025.

Workforce Planning
VM_18
**Vegetation
Management
Workforce Planning
On Track**

Vegetation Management Workforce Planning:

Volume vs 2025 Goal: For 2025 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
Completed**

AiDash:

Volume vs 2025 Goal: BVES implemented AiDash satellite inspection program and plans to have one survey of its service area in 2025.

Key Actions: AiDash satellite was completed in Q3. This initiative is completed for 2025.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Covered Conductor Installation GD_1 Covered Conductor Replacement Program Completed	Covered Conductor Replacement Program: Volume vs 2025 Goal: BVES plans replace 5.1 circuit miles of bare conductors with covered conductors in 2025. Key Actions: BVES replaced 4.7 circuit miles of bare conductors in Q3. BVES has completed 7.7 miles of covered conductor in 2025 and this initiative is completed for 2025.	Distribution Pole Replacement and Reinforcement GD_5 Radford Line Replacement Project Completed	Distribution Pole Replacement and Reinforcement (Radford Line Replacement Project): Volume vs 2025 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 83 poles in 2024. This initiative is completed for 2024.
Covered Conductor Installation GD_2 Radford Line Replacement Project Completed	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 completed 2.8 circuit miles of covered conductor and completed the Radford Line Replacement Project in 2024. This initiative was completed.	Distribution Pole Replacement and Reinforcement GD_6 Evacuation Route Hardening Project Completed	Distribution Pole Replacement and Reinforcement: Volume vs 2025 Goal: BVES plans to install wire mesh on 500 poles in 2025. Key Actions: BVES installed wire mess wrap on 595 poles as of the end of Q3, meeting its 2025 target. This initiative is completed for 2025.
Undergrounding of Electric Lines and/or Equipment GD_3 Minor Undergrounding Upgrades Projects On Track	Minor Undergrounding Upgrades Projects: Volume vs 2025 Goal: BVES conducts minor undergrounding projects on an as needed basis. There were no proposed or initiated undergrounding projects in Q3. Key Actions: No undergrounding projects were proposed or initiated in Q3.	Transmission Pole/Tower Replacement and Reinforcement GD_7 Not Applicable	Transmission Pole/Tower Replacement and Reinforcement: Volume vs 2025 Goal: BVES does not own or operate any transmission assets. Key Actions: N/A.
Distribution Pole Replacement and Reinforcement GD_4 Distribution Pole Replacement and Reinforcement Completed	Distribution Pole Replacement and Reinforcement: Volume vs 2025 Goal: BVES plans to complete 100 pole replacements in 2025. Key Actions: BVES completed 37 poles replacements in Q3. BVES has completed 115 poles so far in 2025. This initiative has been completed for 2025.	Traditional Overhead Hardening GD_8 On Track	Traditional Overhead Hardening: Volume vs 2025 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 Q3.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Emerging Grid Hardening
Technology Installations
and Pilots
GD_9
Not Started

Emerging Grid Hardening Technology Installations and Pilots:
Volume vs 2025 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 2025 in this area.

Microgrids
GD_10
**Bear Valley Solar
Energy Project
Off Track**

Bear Valley Solar Energy Project:
Volume vs 2025 Goal: Complete construction in 2025.
Key Actions: BVES submitted application to CPUC in May 2024. According to CPUC schedule application decision will be issued Q1 2026; therefore, BVES will not complete construction in 2025.

Microgrids
GD_11
**Energy Storage Project
Off Track**

Bear Valley Energy Storage Project:
Volume vs 2025 Goal: Complete construction in 2025.
Key Actions: BVES submitted application to CPUC in May 2024. According to CPUC schedule application decision will be issued Q1 2026; therefore, BVES will not complete construction in 2025.

Installation of System
Automation Equipment
GD_12
**Substation Automation
On Track**

Substation Automation:
Volume vs 2025 Goal: BVES plans to connect and automate 3 substations to SCADA in 2025.
Key Actions: BVES automated 1 substations in Q3. As of Q3, BVES completed 2 substation automation and is on track to complete this initiative for 2025.

Installation of System
Automation Equipment
GD_13
**Switch and Field Device
Automation
On Track**

Switch and Field Device Automation:
Volume vs 2025 Goal: BVES plans to connect and automate 11 field switches to SCADA in 2025.
Key Actions: BVES connected 5 field switches to SCADA in Q3. As of Q3, BVES completed 10 field switches and has one more to complete in Q4.

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

Capacitor Bank Upgrade Project:
Volume vs 2025 Goal: BVES plans to install and automate 6 Capacitor Banks by the end of 2025.
Key Actions: BVES has installed 5 capacitor banks as of Q3. This initiative is on track to meet the targets for 2025

Installation of System
Automation Equipment
GD_15
**Fuse TripSaver
Automation
Completed**

Fuse TripSaver Automation:
Volume vs 2025 Goal: BVES plans to connect and automate 50 Fuse TripSavers to SCADA in 2025.
Key Actions: BVES completed all 50 Fuse Tripsavers automation and this initiative is complete for 2025.

Installation of System
Automation Equipment
GD_16
**Server Room
Completed**

Server Room:
Volume vs 2025 Goal: BVES plans to upgrade the Server Room at its main office in 2024.
Key Actions: Project is completed.

Installation of System
Automation Equipment
GD_17
**Distribution
Management Center
Completed**

Distribution Management Center:
Volume vs 2025 Goal: The Distribution Management Center Project is schedule for completion in 2025. BVES plans to finish the remaining 50% by the end of 2025.
Key Actions: BVES has completed this project.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Line Removals (In HFTD)
GD_18

**No Planned
Projects**

Line Removals (In HFTD):

Volume vs 2025 Goal: BVES does not have any planned line removals in HFTD in 2025.

Key Actions: N/A.

Other Grid Topology
Improvements to Minimize
Risk of Ignition
GD_19

**Tree Attachment
Removal Program
Completed**

Tree Attachment Removal Program:

Volume vs 2025 Goal: BVES plans to complete 100 tree attachment removals in 2025.

Key Actions: BVES completed 106 tree attachment removals as of Q2 and this initiative is completed for 2025.

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 2025 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
Completed**

BVPP Phase 4 Upgrade Project:

Volume vs 2024 Goal: The BVPP Phase 4 Upgrade Project is schedule for completion in 2024.

Key Actions: BVES completed the project in 2024.

Other Technologies and
Systems Not Listed Above
GD_22

**Safety and Technical
Upgrades to Maltby
Substation
On Track**

Safety and Technical Upgrades to Maltby Substation:

Volume vs 2025 Goal: The Safety and Technical Upgrades to Maltby Substation is scheduled to be completed in 2025.

Key Actions: BVES began construction of the Maltby substation in Q3 of 2025 and is on track to completed this initiative.

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 2025 Goal: The Safety and Technical Upgrades to Lake Substation is scheduled to be completed in 2026.

Key Actions: No construction action will be taken on this program in 2025. BVES is performing project planning in 2025 and ordered equipment in Q1 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 2025 Goal: The Safety and Technical Upgrades to Village Substation is scheduled to be completed in 2027.

Key Actions: No construction action will be taken on this program in 2025. BVES will perform project planning in 2025.

Asset Inspection
GD_25
**Detailed Inspection
On Track**

Detailed Inspection:

Volume vs 2025 Goal: BVES plans to complete 53.0 circuit miles of detailed inspection in 2025.

Key Actions: As of Q3, BVES completed 49 miles of detailed inspection and is on track to complete this initiative for 2025.

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Asset Inspection
GD_26
**Patrol Inspection
On Track**

Patrol Inspection:

Volume vs 2025 Goal: BVES plans to complete 205.0 circuit miles of patrol inspection in 2025.

Key Actions: BVES completed 61 circuit miles of patrol inspection in Q3 of 2025. As of Q3, BVES completed 168 miles of patrol inspection and is on track to complete this initiative for 2025.

UAV Thermography:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of UAV HD Thermography inspection in 2025.

Key Actions: BVES completed 205.0 circuit miles of UAV HD Thermography inspection in Q3. This initiative is completed for 2025.

UAV HD Photography/Videography:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of UAV HD Photography/Videography inspection in 2025.

Key Actions: BVES completed 205.0 circuit miles of UAV HD Photography/Videography inspection in Q3. This initiative is completed for 2025.

LiDAR Inspection:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of LiDAR inspection in 2025.

Key Actions: BVES completed 205.0 circuit miles of LiDAR inspection in Q3. This initiative is completed for 2025.

3rd Party Ground Patrol:

Volume vs 2025 Goal: BVES plans to conduct 205.0 circuit miles of 3rd party ground patrol inspection in 2024.

Key Actions: BVES completed 205.0 circuit miles of 3rd party ground patrol inspection in Q3. This initiative is completed for 2025.

Asset Inspection
GD_31
**Intrusive Pole
Inspection
Completed**

Intrusive Pole Inspection:

Volume vs 2025 Goal: BVES plans to conduct 850 intrusive pole inspections in 2024.

Key Actions: BVES completed 850 intrusive pole inspection in Q3. This initiative is completed for 2025.

Substation Inspections:

Volume vs 2025 Goal: BVES plans to conduct 144 substation inspections in 2024.

Key Actions: BVES conducted 39 substation inspections in Q3. As of Q3, BVES has completed 117 substation inspections and is on track to complete this initiative for 2025.

Equipment Maintenance and Repair:

Volume vs 2025 Goal: Equipment maintenance is conducted as needed.

Key Actions: BVES conducted maintenance as needed.

Asset Management and Inspection Enterprise System(s):

Volume vs 2025 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.

Asset Inspection
GD_32
**Substation Inspections
On Track**

Equipment Maintenance
and Repair
GD_33
On Track

Asset Management and
Inspection Enterprise
System(s)
GD_34
On Track

WMP Activities Status vs. WMP Activity Goals

Grid Design, Operations & Maintenance

Quality Assurance /
Quality Control
GD_35
**Asset Quality
Assurance / Quality
Control**
On Track

Asset Quality Assurance / Quality Control:

Volume vs 2025 Goal: BVES plans to complete 20 asset QCs on WMP work in 2025.

Key Actions: BVES completed 5 asset QCs on WMP work in Q3 of 2025. As of Q3, BVES completed 15 QA/QC inspections and is on track to complete this initiative for 2025.

Open Work Orders
GD_36
**Asset Open Work
Orders**
On Track

Asset Open Work Orders:

Volume vs 2025 Goal: For 2025 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 Q3.

Equipment Settings to
Reduce Wildfire Risk
GD_37
On Track

Equipment Settings to Reduce Wildfire Risk:

Volume vs 2025 Goal: For 2025 BVES plans to review its equipment settings on a regular basis and evaluate the need for modified settings.

Key Actions: BVES implemented EPSS on 4 devices in Q3.

Grid Response
Procedures and
Notifications
GD_38
On Track

Grid Response Procedures and Notifications:

Volume vs 2025 Goal: For 2025 BVES plans to review and, if necessary, update its procedures. This will be an annual process.

Key Actions: BVES is in the process of reviewing these procedures. This initiative is on track to be completed in 2025.

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 2025 Goal: For 2025 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 in the process of reviewing these procedures. This initiative is on track to be completed in 2025.

Workforce Planning
GD_40
**Asset Workforce
Planning**
On Track

Asset Workforce Planning:

Volume vs 2025 Goal: For 2025 BVES has a goal to verify that wildfire related positions are appropriately staffed. This review is conducted quarterly.

Key Actions: BVES is in the process of reviewing these procedures. This initiative is on track to be completed in 2025.