



# ADVICE LETTER SUMMARY

## ENERGY UTILITY



MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No.: Bear Valley Electric Service, Inc (913-E)

Utility type:

- ELC       GAS       WATER  
 PLC       HEAT

Contact Person: Nguyen Quan

Phone #: (909) 394-3600 x664

E-mail: RegulatoryAffairs@bvesinc.com

E-mail Disposition Notice to: RegulatoryAffairs@bvesinc.com

EXPLANATION OF UTILITY TYPE

ELC = Electric      GAS = Gas      WATER = Water  
 PLC = Pipeline      HEAT = Heat

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #: 449-E

Tier Designation: 1 INFORMATION ONLY

Subject of AL: Q2 2022 BVES Quarterly WMP Safety Report Pursuant to Public Utilities Code Section 8389(e)(7)

Keywords (choose from CPUC listing): Compliance

AL Type:  Monthly  Quarterly  Annual  One-Time  Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: PUC 8389(e)(7)

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: No

Summarize differences between the AL and the prior withdrawn or rejected AL:

Confidential treatment requested?  Yes  No

If yes, specification of confidential information:

Confidential information will be made available to appropriate parties who execute a nondisclosure agreement. Name and contact information to request nondisclosure agreement/ access to confidential information:

Resolution required?  Yes  No

Requested effective date: 7/29/22

No. of tariff sheets: 0

Estimated system annual revenue effect (%):

Estimated system average rate effect (%):

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected:

Service affected and changes proposed<sup>1</sup>:

Pending advice letters that revise the same tariff sheets:

<sup>1</sup>Discuss in AL if more space is needed.

**Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this submittal, unless otherwise authorized by the Commission, and shall be sent to:**

CPUC, Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue  
San Francisco, CA 94102  
Email: [EDTariffUnit@cpuc.ca.gov](mailto:EDTariffUnit@cpuc.ca.gov)

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

July 29, 2022

Advice Letter No. 449-E

(U 913 E)

## California Public Utilities Commission

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

**SUBJECT:** *Q2 2022 BVES Quarterly WMP Safety Report Pursuant to Public Utilities Code Section 8389(e)(7)*

### **PURPOSE**

Pursuant to Public Utilities Code ("PUC") Section 8389(e)(7), and the February 16, 2021 Office of Energy Infrastructure Safety ("Energy Safety") Compliance Operational Protocols, Bear Valley Electric Service ("BVES") submits to Energy Safety this notification.

Statutory provision requires that BVES file a notification on "a quarterly basis that details the implementation of both its approved wildfire mitigation plan and recommendations of the most recent safety culture assessments by the commission and office, and a statement of the recommendations of the board of directors safety committee meetings that occurred during the quarter." Section 8389(e)(7) also requires that the notification "shall also summarize the implementation of the safety committee recommendations from the electrical corporation's previous notification and submission."

This notification reports BVES's 2022 second quarter ("Q2") Wildfire Mitigation Plan ("WMP") activities, recorded Safety Committee meetings, and recommendations of the most recent safety culture assessment.

This Quarterly Notification Letter ("QNL") notification is BVES's second quarterly filing for calendar year 2022.

### **BACKGROUND**

Governor Newsom signed Assembly Bill ("AB") 1054 into law on July 12, 2019. AB 1054 contains numerous statutory provisions and amendments designed to enhance the mitigation and prevention of catastrophic wildfires - including wildfires linked to utility equipment - in California. AB 1054 is added to the PUC Section 8389(e), which establishes the requirements for annual safety certifications and, inter alia, requires electrical corporations to establish a safety committee of its board of directors composed

of members with relevant safety experience, establish board-of-director-level reporting to the California Public Utilities Commission (“Commission”) on safety issues, and file quarterly notifications as described above.

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

To support sustained implementation and improvement of the WMP, BVES continues to track progress through metrics on applicable initiatives in 10 categories for mitigating wildfire in addition to the quarterly data, which conform to OEIS standards. BVES’s quarterly initiative summary presentation includes information submitted to the OEIS under the Quarterly Initiative Update (“QIU”) and the Quarterly Data Report (“QDR”) filings for Q2 2022.

In Attachment A, BVES provides an initiative summary of progress for individual mitigation measures during the second quarter of 2022.

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

BVES made significant progress in achieving its WMP initiative targets to date for 2022.

As of the end of Q2 2022, some of the more significant achievements were:

- Completed the 2022 target to harden 412 poles along the main evacuation routes to the Big Bear Lake area in February 2022. The target was achieved by installing fire resistant wire mesh on the 412 poles. This completes BVES’s effort to have all of its evacuation routes hardened by 2022. BVES front loaded this effort to ensure it was completed prior to the fire season.
- Replaced 7.02 circuit miles of 34.5 kV sub-transmission and 4 KV distribution bare wire with covered conductors, which was slightly more than the 2022 target.
- Cleared vegetation to enhance clearance specifications along 61.62 circuit miles, which exceeded the target established for the end of Q2.
- Completed LiDAR surveys, Aerial Thermography and HD Imagery inspections, and 3<sup>rd</sup> Party Independent Ground Patrol so that any fire hazard discrepancies could be addressed before the fire season.

Construction work on the Radford Line Replacement Project, which replaces bare wire with covered conductor and wood poles with fire resistant poles in the High Fire Threat District Tier 3, will be delayed until April/May 2023 (previously BVES had hoped to start construction in June 2022 at the latest). The delay is due to BVES not receiving approval on the permit to construct by the United States Forest Service (“USFS”) in time to start and complete construction before the winter weather season in 2022. BVES has been working closely with the USFS and has made significant progress in satisfying USFS permitting requirements. BVES believes it is on track to obtain the permit according to the following timeline of major permitting milestones:

- BVES’s environmental contractor responds to USFS additional questions (6 total) regarding the BVES permit request. **Step completed.**
- Receive approval from USFS to conduct cultural survey. **Anticipate week of August 15, 2022.**
- BVES’s environmental contractor conducts cultural survey and submits report for NEPA-CE and CEQA categorical exemption to USFS. **Anticipate week of August 29, 2022.**
- USFS reviews the cultural survey, NEPA-CE and CEQA documents, and submits permit package to State Historic Preservation Officer (SHPO). **Anticipate week of September 26, 2022.**
- SHPO reviews permit package and enters it into the record. **Anticipate week of October 17, 2022.**
- USFS issues public notice. **Anticipate week of November 7, 2022.**
- USFS issues permit approval. **Anticipate week of December 5, 2022.**

Base on this timeline, BVES anticipates commencing the project in April/May 2023 depending on snow pack and complete the project by October 2023.

In the interim, BVES will continue to de-energize the Radford Line when load requirements do not require its operation, which is generally from the end of March through November of each year. Prior to energizing the Radford Line, BVES will patrol the line. Additionally, when the line is energized, the recloser will be placed in manual (no automatic reclosing).

Overall in the first two quarters of 2022, BVES made excellent progress in achieving targets to wildfire mitigation initiatives, which reduced risk on high-risk circuits as measured by BVES’s fire safety matrix model. The following table summarizes the progress:

<u>Date</u>	<u>Risk Value (higher value is worse)</u>
12/31/2019	115,969
12/31/2020	110,745
12/31/2021	90,386
6/30/2022	88176
12/31/2022*	83,156**
12/31/2024*	37,571**
12/31/2032*	1,170

\*Projected risk values.

\*\*Updated based on Radford Line Project being complete in 2023 instead of 2022.

BVES’s goal is to reduce risk on all “high risk” circuits and to remediate these high risk conditions. In addition, BVES’s seeks to further reduce risk on “medium risk” circuits and to bring all circuits to the lower range of the risk values. The main drivers for the

risk reduction achieved in 2022 is the progress made on the covered conductor replacement project and keeping all inspections within their assigned periodicity.

### **Implementation of BVES's Most Recent Safety Culture Assessment**

BVES completed its safety culture assessment in accordance with Resolution WSD-011. BVES staff conducted safety culture assessment surveys during the period of May 12, 2021 to May 26, 2021.

On October 27, 2021, OEIS issued the Safety Culture Assessment ("SCA") report to BVES. BVES accepted the report on October 28, 2021 by letter to OEIS. BVES has initiated action to implement the recommendations of the report, which are:

1. Embed leadership skills development into the "Engaged Management" 12-month objective to improve the Bear Valley safety culture. Specific training for managers, supervisors and foremen has been scheduled for February 2022 to improve leadership skills in monitoring for job hazards and leading with safety as the primary focus in everything BVES does.
2. In collaboration with its vegetation management contractor, BVES develops and implements an action plan to address safety culture issues, in particular regarding the flow of information about wildfire hazard mitigation. In addition, BVES has been working closely with its vegetation management contractor to ensure that the action plan to address safety culture issues is successfully implemented.

To address these issues:

- BVES Leadership conducted training on Job Hazard Analysis (JHAs) and leadership skills to enhance safety culture in March 2022.
- BVES engaged Mowbray's Tree Service to improve Mowbray's internal communication flow of information with employees on wildfire hazard mitigation. Mowbray's Tree Service followed up their internal training with an employee survey. Employees performed significantly better on the internal survey.
- BVES is working with Customer Service and Accounting staff to improve their safety culture.
- BVES Management led staff meetings that were focused on public safety and employee safety with entire staff in February, April, and July 2022.
- BVES engaged a contractor to provide monthly safety training to employees and conduct safety checks and audits.
- BVES sends all employees a monthly "safety dashboard" that includes employee safety performance metrics and wildfire mitigation initiative targets to improve public safety.

### **Safety and Operations Committee**

On June 16, 2022, prior to convening BVES's Safety and Operations Committee ("Committee") meeting, the Committee members participated in a 3-hour tour of BVES's service area to observe wildfire mitigation plan work in progress or completed.

On June 16, 2022, BVES's Safety and Operations Committee ("Committee") convened. Chairman Paul Marconi briefed the Committee on the following topics:

- Current COVID-19 situation, its impact on employees, and the plan to re-open offices;
- Safety items and performance; the progress in completing the recommendations from of the recent SCA;
- Final fire season preparations;
- Performance in achieving targets for the 2022 WMP initiatives to date; and
- Efforts to develop risk modeling to provide BVES (1) on-demand, real-time fire spread predictions and consequence impact analysis; (2) forecasting behavior for customer and service territory assets will take shape through daily weather prediction integration to support PSPS and response operations, and (3) asset risk analysis using historical weather climatology for future WMP planning using the Wildfire Risk Reduction Model (WRRM).

Committee discussions focused on the WMP initiative targets achieved in to date in 2022. The Committee discussed the briefed items, asked questions, which Chairman Marconi addressed, and, based on the information briefed, the Committee did not see the need to alter the initiatives or provide additional direction to management.

Chairman Marconi then presented the Committee with an additional project request to conduct a capital improvement project, the distribution system online diagnostic system pilot program and its associated budget and proposed the Committee support a resolution recommending that the Board approve additional capital expenditures to include this pilot program the 2022 WMP CAPEX budget. The Committee discussed the resolution, and upon motion duly made, seconded and unanimously carried, the Committee approved the resolution.

There being no further business to come before the Committee, the meeting adjourned.

### **COMPLIANCE**

This advice letter requests approval in compliance with Public Utilities Code Section 8389(e)(7).

### **ATTACHMENT**

Attachment A: WMP QAL Initiative Report Q2 2022.

### **TIER DESIGNATION**

This advice letter is submitted with a Tier 1 INFORMATION ONLY designation.

**EFFECTIVE DATE**

BVES respectfully requests this advice letter becomes effective on July 29, 2022.

**NOTICE AND PROTESTS**

A protest is a document objecting to the granting in whole or in part of the authority sought in this advice letter. A response is a document that does not object to the authority sought, but nevertheless presents information that the party tendering the response believes would be useful to the CPUC in acting on the request.

A protest must be mailed within 20 days of the date the CPUC accepts the advice letter for submission. The Calendar is available on the CPUC's website at [www.cpuc.ca.gov](http://www.cpuc.ca.gov).

A protest must state the facts constituting the grounds for the protest, the effect that approval of the advice letter might have on the protestant, and the reasons the protestant believes the advice letter, or a part of it, is not justified. If the protest requests an evidentiary hearing, the protest must state the facts the protestant would present at an evidentiary hearing to support its request for whole or partial denial of the advice letter.

The utility must respond to a protest within five days.

**All protests and responses should be sent to:**

California Public Utilities Commission, Energy Division

E-mail: [EDTariffUnit@cpuc.ca.gov](mailto:EDTariffUnit@cpuc.ca.gov)

The protest or correspondence should also be sent via U.S. mail and/or electronically, if possible, to BVES at the addresses shown below on the same date it is delivered to the Commission.

Bear Valley Electric Service, Inc.

Regulatory Affairs

E-mail: [RegulatoryAffairs@bvesinc.com](mailto:RegulatoryAffairs@bvesinc.com)

If you have not received a reply to your protest within 10 business days, please contact Nguyen Quan at (909) 394-3600 ext. 664.

**Correspondence:**

Any correspondence regarding this compliance filing should be sent by regular mail or e-mail to the attention of:

Nguyen Quan

Manager, Regulatory Affairs

Bear Valley Electric Service, Inc.

630 East Foothill Blvd.



San Dimas, California 91773

Email: [RegulatoryAffairs@bvesinc.com](mailto:RegulatoryAffairs@bvesinc.com)

The protest shall set forth the grounds upon which it is based and shall be submitted expeditiously. There is no restriction on who may file a protest.

Sincerely,

/s/Zeng Zhu

Zeng Zhu

Rate Analyst, Regulatory Affairs

cc: Franz Cheng, Energy Division  
R. Mark Pocta, California Public Advocates Office  
BVES General Order 96-B Service List

**BEAR VALLEY ELECTRIC SERVICE, INC.**

**G.O. 96-B**  
**SERVICE LIST**

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# **ATTACHMENT A**

**Wildfire Mitigation Plan  
Quarterly Advice Letter Initiative Report for  
Q2 2022**



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

**Bear Valley Electric Service, Inc.**

**Q2 2022**

# WMP Activity Summary

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

## 7.3.4 - Asset Management & Inspections

Detailed inspections of distribution electric lines and equipment 7.3.4.1	Detailed inspections of transmission electric lines and equipment 7.3.4.2	Improvement of Inspections 7.3.4.3	Infrared inspections of distribution electric lines and equipment 7.3.4.4	Infrared inspections of transmission electric lines and equipment 7.3.4.5	Intrusive Pole Inspections 7.3.4.6	LIDAR inspections of distribution electric lines and equipment 7.3.4.7	LIDAR inspections of transmission electric lines and equipment 7.3.4.8
Other discretionary inspection of distribution electric lines and equipment, beyond inspections mandated by rules and regulations 7.3.4.9	Other discretionary inspection of transmission electric lines and 7.3.4.10	Patrol inspections of distribution electric lines and equipment 7.3.4.11	Patrol inspections of transmission electric lines and equipment 7.3.4.12	Pole loading assessment program to determine safety factor 7.3.4.13	Quality assurance / quality control of inspections 7.3.4.14	Substation inspections 7.3.4.15	

## 7.3.6 - Grid Operations & Protocols

Automatic Recloser Operations 7.3.6.1	Protective Equipment and Device Settings 7.3.6.2	Crew-Accompanying Ignition Prevention and Suppression Resources and Services 7.3.6.3	Personnel Work Procedures and Training in Conditions of Elevated Fire Risk 7.3.6.4
Protocols for PSPS Re-Energization 7.3.6.5	PSPS Events and Mitigation of PSPS Impacts 7.3.6.6	Stationed and On-Call Ignition Prevention and Suppression Resources and Services 7.3.6.7	

## 7.3.1 - Risk Assessment & Mapping

A Summarized Risk Map That Shows the Overall Ignition Probability and Estimated Wildfire Consequence Along the Electric Lines and Equipment 7.3.1.1	Climate-Driven Risk Map and Modeling Based on Various Relevant Weather Scenarios 7.3.1.2	Ignition Probability Mapping Showing the Probability of Ignition Along the Electric Lines and Equipment 7.3.1.3
Initiative Mapping and Estimation of Wildfire and PSPS Risk-Reduction Impact 7.3.1.4	Match Drop Simulations Showing the Potential Wildfire Consequence of Ignitions that Occurs Along the Electric Lines and Equipment 7.3.1.5	

## 7.3.7 - Data Governance

Centralized Repository for Data 7.3.7.1	Collaborative Research on Utility Ignition and/or Wildfire 7.3.7.2	Documentation and Disclosure of Wildfire-Related Data and Algorithms 7.3.7.3	Tracking and Analysis of Near Miss Data 7.3.7.4
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## 7.3.10 - Stakeholder Cooperation & Community Outreach

Community Engagement 7.3.10.1	Cooperation and best practice sharing with agencies outside CA 7.3.10.2	Cooperation with suppression agencies 7.3.10.3	Forest service and fuel reduction cooperation and joint roadmap 7.3.10.4
----------------------------------	----------------------------------------------------------------------------	---------------------------------------------------	-----------------------------------------------------------------------------

(\*) 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\*

## 7.3.9 - Emergency Planning & Preparedness

Adequate and Trained Workforce for service Restoration 7.3.9.1	Community Outreach, Public Awareness, and Communications Efforts 7.3.9.2	Customer Support in Emergencies 7.3.9.3	Disaster and Emergency Preparedness Plan 7.3.9.4
Preparedness and Planning for Service Restoration 7.3.9.5		Protocols in Place to Learn from Wildfire Events 7.3.9.6	

## 7.3.2 - Situational Awareness & Forecasting

Advanced Weather Monitoring and Weather Stations 7.3.2.1	Continuous Monitoring Sensors 7.3.2.2	Fault Indicators for Detecting Faults on Electric Lines and Equipment 7.3.2.3	Forecast of a Fire Risk Index, Fire Potential Index, or Similar 7.3.2.4
Personnel Monitoring Areas of Electric Lines and Equipment in Elevated Fire Risk Conditions 7.3.2.5		Weather Forecasting and Estimating Impacts on Electrical Lines and Equipment 7.3.2.6	

## 7.3.3 - Grid Design & System Hardening

Capacitor Maintenance and Replacement Program 7.3.3.1	Circuit Breaker Maintenance and Installation to De-Energize Lines Upon Detecting a Fault 7.3.3.2	Covered Conductor Installation 7.3.3.3	Covered Conductor Maintenance 7.3.3.4	Crossarm Maintenance, Repair, and Replacement 7.3.3.5	Distribution Pole Replacement and Reinforcement, Including with Composite Poles 7.3.3.6
Expulsion Fuse Replacement 7.3.3.7	Grid Topology Improvement to Mitigate or Reduce PSPS events 7.3.3.8	Installation of System Automation Equipment 7.3.3.9	Maintenance, Repair, and Replacement of Connectors, Including Hotline Clamps 7.3.3.10	Mitigation of Impact on Customers and Other Residents Affected During PSPS Events 7.3.3.11	Other Corrective Action 7.3.3.12
Pole Loading Infrastructure Hardening and Replacement Program Based on Pole Loading Assessment Program 7.3.3.13	Transformers Maintenance and Replacement 7.3.3.14	Transmission Tower Maintenance and Replacement 7.3.3.15	Undergrounding of Electric Lines and/or Equipment 7.3.3.16	Updates to Grid Topology to Minimize Risk of Ignition in HFTDs 7.3.3.17	

## 7.3.8 - Resource Allocation Methodology

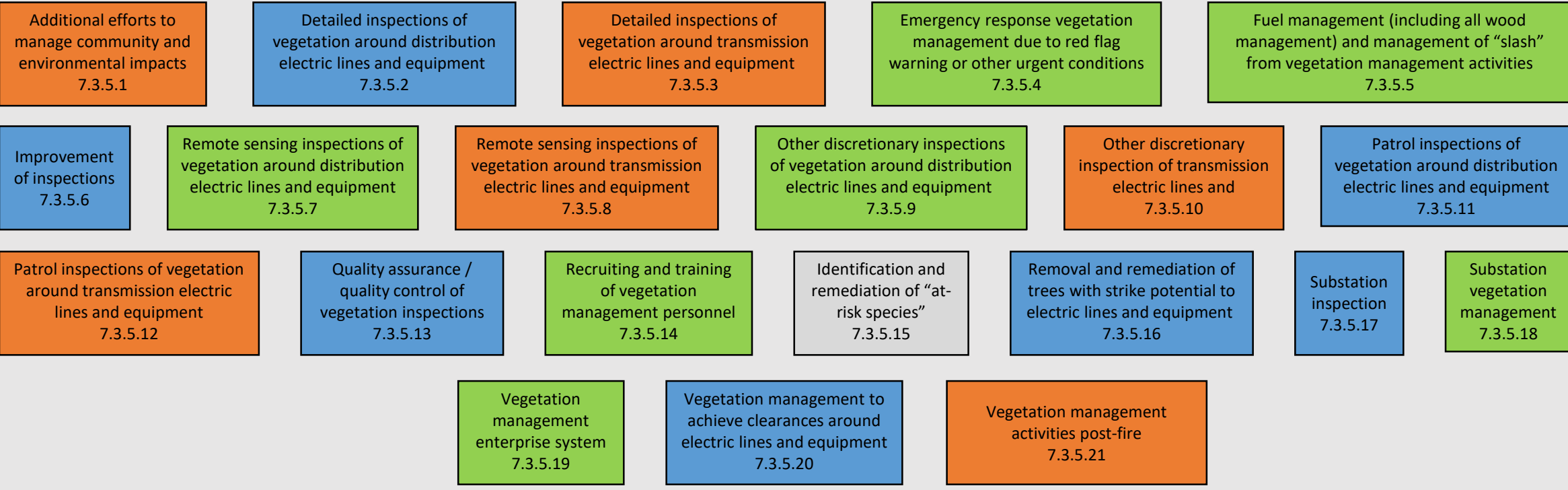
Allocation Methodology Development and Application 7.3.8.1
Risk Reduction Scenario Development and Analysis 7.3.8.2
Risk Spend Efficiency Analysis 7.3.8.3

(\* 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\*

## 7.3.5 - Vegetation Management & Inspections



(\* 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

## 7.3.1 - Risk Assessment & Mapping

A Summarized Risk Map That Shows the Overall Ignition Probability and Estimated Wildfire Consequence Along the Electric Lines and Equipment  
7.3.1.1  
**Ignition Probability & Wildfire Consequence Mapping Project**  
**Completed**

Climate-Driven Risk Map and Modeling Based on Various Relevant Weather Scenarios  
7.3.1.2  
**Ignition Probability & Wildfire Consequence Mapping Project**  
**Completed**

Initiative Mapping and Estimation of Wildfire and PSPS Risk-Reduction Impact  
7.3.1.4  
**Ignition Probability & Wildfire Consequence Mapping Project**  
**On Track**

### **Contracting with Risk Mapping Resource:**

**2022 Goal:** During 2021 in conjunction with the contracted resource BVES completed its initial Risk Mapping. Due to a lack of historical data the PSPS risk reduction aspect was deferred. For 2022 BVES plans to evaluate the best course of action to add this tool to its Risk Assessment & Mapping program.

**Key Actions:** BVES continues to evaluate the best course of action to add PSPS Risk Reduction mapping to its Risk Assessment & Mapping program.

Ignition Probability Mapping Showing the Probability of Ignition Along the Electric Lines and Equipment  
7.3.1.3  
**Ignition Probability & Wildfire Consequence Mapping Project**  
**Completed**

Match Drop Simulations Showing the Potential Wildfire Consequence of Ignitions that Occurs Along the Electric Lines and Equipment  
7.3.1.5  
**Ignition Probability & Wildfire Consequence Mapping Project**  
**Completed**

## 7.3.7 - Data Governance

Centralized Repository for Data  
7.3.7.1  
**GIS Data Collection & Sharing**  
**On Track**

### **GIS Data Collection & Sharing Improvements:**

BVES continues to work towards a class leading Data Repository.  
**Key Actions:** BVES continue to work with its contracted experts to update its GIS database as well as develop a more streamlined method for reporting and sharing of information.

Tracking and Analysis of Near Miss Data  
7.3.7.4  
**WMP Metrics Tracking**  
**Ongoing**

### **WMP Metrics Tracking:**

BVES has an established program in place and continues to monitor all aspects of the program for compliance. During the period Q2 of 2022 there were no compliance issues identified.

**Key Actions:** BVES recorded necessary metrics for inclusion in quarterly reporting.

# WMP Activities Status vs. WMP Activity Goals

## 7.3.2 - Situational Awareness & Forecasting

Advanced Weather Monitoring and Weather Stations  
7.3.2.1  
**Situational Awareness Hardware Program Completed**

**Revised Schedule for 2021 Planned Deployment & Additional Installation:**  
**Volume vs 2022 Goal:** BVES does not have any planned weather stations for 2022.  
**Key Actions:** BVES continues to evaluate the needed for future weathers stations in its operating territory.

Forecast of a Fire Risk Index, Fire Potential Index, or Similar  
7.3.2.4  
**Weather Consultant / Risk Mapping Completed**

**Contracting with Risk Mapping Resource:**  
**Volume vs 2022 Goal:** During 2021 in conjunction with the contracted resource BVES completed its initial Risk Mapping.  
**Key Actions:** BVES continues to evaluate the need for future improvements to the designed system.

Continuous Monitoring Sensors  
7.3.2.2  
**Situational Awareness Hardware Program Completed**

**Situational Awareness Hardware Program:**  
**Volume vs 2022 Goal:** BVES does not have any planned HD Cameras for 2022.  
**Key Actions:** BVES continues to evaluate the needed for future HD Cameras in its operating territory.

Personnel Monitoring Areas of Electric Lines and Equipment in Elevated Fire Risk Conditions  
7.3.2.5  
**Grid Operations & Protocols No High-Risk Events Occurred**

**Grid Operations & Protocol:**  
**Volume vs 2022 Goal:** BVES has established a resource allocation level for the instance where a high fire risk condition occurs.  
**Key Actions:** BVES currently has the resource pool available to combat high fire risk conditions in its operating area.

Fault Indicators for Detecting Faults on Electric Lines and Equipment  
7.3.2.3  
**Situational Awareness Hardware Program On Track**

**Situational Awareness Hardware Program:**  
**Volume vs Q2 2022 Goal:** BVES is scheduled to begin this program in Q3 with a target of 50 fault indicator installations in 2022  
**Key Actions:** Currently on track to begin work.

Weather Forecasting and Estimating Impacts on Electrical Lines and Equipment  
7.3.2.6  
**Weather Consultant Support Requirement Met**

**Weather Consultant for Weekly Reporting:**  
**2022 Goal:** BVES currently has a weather consultant on payroll who supports the weather forecasting and analysis necessary.  
**Key Actions:** Additional task for quarterly aggregation of High Wind Warning and Red Flag Warning accounts to support Quarterly Data Reports.

# WMP Activities Status vs. WMP Activity Goals

## 7.3.3 - Grid Design & System Hardening

<p>Covered Conductor Installation 7.3.3.3.1 <b>Covered Conductor Replacement Program Ahead of Plan</b></p>	<p><b>Covered Conductor Replacement Program:</b> <b>Volume vs Q2 2022 Goal:</b> BVES planned to complete 4.3 circuit miles in Q2. BVES was able to complete 4.72 circuit miles. The target for 2022 is 12.9 circuit miles. <b>Key Actions:</b> BVES was able to complete 4.72 circuit miles of covered conductor installation. This puts this initiative ahead of schedule.</p>	<p>Other Corrective Action 7.3.3.12.1 <b>Tree Attachment Removal Program</b></p>	<p><b>Completion Toward 80 Attachment Removals for the Year:</b> <b>Volume vs Q2 2022 Goal:</b> BVES removed 2 tree attachments in Q2 of 2022. <b>Key Actions:</b> BVES plans to remove all 80 tree attachments planned for 2022 in Q4 due to a variety of constraints. BVES will remove tree attachments in association with other work as well.</p>
<p>Covered Conductor Installation 7.3.3.3.2 <b>Covered Conductor Replacement Program - Radford Delayed</b></p>	<p><b>Covered Conductor Replacement Program - Radford:</b> <b>Volume vs 2022 Goal:</b> BVES has had to adjust its target for 2022 to 0 circuit miles. <b>Key Actions:</b> Due to not being able to obtain permits from the U.S. Forest Service BVES will not be able to start work on this project until 2023.</p>	<p>Other Corrective Action 7.3.3.12.2 <b>Evacuation Route Hardening Ahead of Plan</b></p>	<p><b>Evacuation Route Hardening:</b> <b>Volume vs 2022 Goal:</b> BVES planned to harden 412 poles in 2022 as part of its Evacuation Route Hardening Program. 412 wood poles were hardening in Q1 with a wire mesh protective coating. <b>Key Actions:</b> BVES was able to meet its 2022 Goal of 412 poles hardened in Q1 of 2022.</p>
<p>Distribution Pole Replacement and Reinforcement, Including with Composite Poles 7.3.3.6.1 <b>Distribution Pole Replacement and Reinforcement – GO 95 Projects</b></p>	<p><b>Distribution Pole Replacement and Reinforcement – GO 95 Projects:</b> <b>Volume vs 2022 Goal:</b> There are no current targets for this initiative in 2022. <b>Key Actions:</b> Initiative targets will be evaluated for future calendar years.</p>	<p>Distribution Pole Replacement and Reinforcement, Including with Composite Poles 7.3.3.6.3 <b>Evacuation Route Hardening-Pilot</b></p>	<p><b>2020 Completed Route Hardening Pilot:</b> <b>Volume vs 2022 Goal:</b> The BVES does not have an established goal for this pilot as it was completed in 2020.</p>
<p>Distribution Pole Replacement and Reinforcement, Including with Composite Poles 7.3.3.6.2 <b>Covered Conductor Project – Radford Line</b></p>	<p><b>Covered Conductor Project – Radford Line:</b> <b>Volume vs 2022 Goal:</b> There are no current targets for this initiative in 2022. <b>Key Actions:</b> Initiative targets will be evaluated for future calendar years.</p>	<p>Distribution Pole Replacement and Reinforcement, Including with Composite Poles 7.3.3.6.4 <b>Evacuation Route Hardening Ahead of Plan</b></p>	<p><b>Evacuation Route Hardening:</b> <b>Volume vs 2022 Goal:</b> BVES planned to harden 412 poles in 2022 as part of its Evacuation Route Hardening Program. 412 wood poles were hardening in Q1 with a wire mesh protective coating. <b>Key Actions:</b> BVES was able to meet its 2022 Goal of 412 poles hardened in Q1 of 2022.</p>

# WMP Activities Status vs. WMP Activity Goals

## 7.3.3 - Grid Design & System Hardening

Expulsive Fuse Replacement  
7.3.3.7  
**Fuse Replacement Program**  
**0 Remaining**

**0 Conventional Fuses Remaining:**

**Volume vs 2022 Goal:** There are no current targets for this initiative in 2022.

**Key Actions:** This initiative was completed in 2021.

Grid Topology Improvement to Mitigate or Reduce PSPS events  
7.3.3.8  
**Grid Topology Improvements**  
**Completed**

**Grid Topology Improvements - Completed:**

**Volume vs Goal:** BVES will install sectionalizing devices as the need is determined. Currently, there are sufficient sectionalizing devices in the system; zero are planned in 2022.

**Key Actions:** No actions were taken for this initiative in Q2 of 2022.

Mitigation of Impact on Customers and Other Residents Affected During PSPS Events  
7.3.3.11.1  
**Energy Storage Project**  
**Planned**

**5 MW/ 20 MWh Energy Storage Facility Planned in 2023:**

**2022 Goal:** Seek siting location and work on associated agreements.

**Key Actions:** BVES is still in the process of siting the storage device.

Mitigation of Impact on Customers and Other Residents Affected During PSPS Events  
7.3.3.11.2  
**BVPP Phase 4 Upgrade Project**  
**Planned**

**BVPP Phase 4 Upgrade Project Planned in 2023:**

**2022 Goal:** There are no activities planned for this initiative in 2022.

**Key Actions:** This project/program will begin in 2023.

Installation of System Automation Equipment  
7.3.3.9.1  
**Grid Automation Program**

**Grid Automation:**

**Volume vs Q2 2022 Goal:** BVES planned to connect 0 substations to SCADA in Q2 of 2022. BVES was able to connect one substation to SCADA in Q2.

**Key Actions:** The initiative is on track to meet its target in 2022.

Updates to Grid Topology to Minimize Risk of Ignition in HFTDs  
7.3.3.17  
**Grid Topology Improvements**  
**Completed**

**Grid Topology Improvements - Completed:**

**Volume vs Goal:** BVES will install sectionalizing devices as the need is determined. Currently, zero are planned in 2022.

**Key Actions:** No actions were taken for this initiative in Q2 of 2022.

Installation of System Automation Equipment  
7.3.3.9.2  
**Grid Automation Program // FLISR**

**Grid Automation FLISR Project:**

**Volume vs 2022 Goal:** Complete the project deliverables which includes software/system installation.

**Key Actions:** This project/program will be completed in 2022.

Pole Loading Infrastructure Hardening and Replacement Program Based on Pole Loading Assessment Program  
7.3.3.13  
**Pole Loading & Replacement Program**  
**76 Poles Assessed**

**Pole Assessment Program:**

**Volume vs Q2 2022 Goal:** The goal for Q2 was to replace 30 poles as part of the pole loading & assessment process. BVES was able to replace 76 poles in Q2.

**Key Actions:** BVES has currently replaced 104 of its targeted 165 poles for 2022. BVES exceeded its goal of 30 poles replaced by assessing 76 poles in Q2 2022.

Installation of System Automation Equipment  
7.3.3.9.3  
**Grid Automation Program // Fuse Trip Saver**

**Grid Automation Fuse Trip Saver Project:**

**Volume vs 2022 Goal:** There are no activities planned for this initiative in 2022.

**Key Actions:** This project/program will begin in 2023.

# WMP Activities Status vs. WMP Activity Goals

## 7.3.3 - Grid Design & System Hardening

<p>Capacitor Maintenance and Replacement Program 7.3.3.1 <b>Complete / Ongoing</b></p>	<p>Circuit Breaker Maintenance and Installation to De-Energize Lines Upon Detecting a Fault 7.3.3.2 <b>Complete / Ongoing</b></p>	<p>Covered Conductor Maintenance 7.3.3.4 <b>Complete / Ongoing</b></p>	<p><b><u>BVES Maintenance Best Practice:</u></b> The following Grid Design and System Hardening initiatives are covered under ongoing maintenance of sub-transmission and distribution facilities and are not separated as unique WMP initiatives.</p>
<p>Crossarm Maintenance, Repair, and Replacement 7.3.3.5 <b>Complete / Ongoing</b></p>	<p>Maintenance, Repair, and Replacement of Connectors, Including Hotline Clamps 7.3.3.10 <b>Complete / Ongoing</b></p>	<p>Transformers Maintenance and Replacement 7.3.3.14 <b>Complete / Ongoing</b></p>	

## 7.3.10 - Stakeholder Cooperation & Community Outreach

<p>Community engagement 7.3.10.1 <b>Community Outreach Program</b> <b>Exceeded Targets</b></p>	<p><b><u>Community Outreach Program:</u></b> <b>Volume vs Q2 2022 Goal:</b> BVES had planned to conducted at minimum 90 outreach activities. BVES recorded 145 outreach activities 161% of target for Q2. <b>Key Actions:</b> Grizzly Newspaper advertisements are posted during the week (M-F) for either WMP or PSPS and BVES will have 1 advertisement broadcasted each month.</p>	<p>Cooperation with suppression agencies 7.3.10.3 <b>Coordination On Track</b></p>	<p><b><u>Cooperation with suppression agencies:</u></b> <b>Volume vs 2022 Goal:</b> BVES has cooperative discussions with local suppression agencies. BVES plans to have further discussion with suppression agencies and determine if there are additional actions that can be taken to improve their program. <b>Key Actions:</b> BVES established plans to engage in coordination efforts based on PSPS activations, which will include suppression agencies.</p>
<p>Cooperation and best practice sharing with agencies outside CA 7.3.10.2 <b>On Track</b></p>	<p><b><u>Cooperation and sharing with agencies outside CA:</u></b> <b>Volume vs 2022 Goal:</b> Currently BVES has attended two utility conferences in 2022 that include wildfire mitigation best practices. <b>Key Actions:</b> BVES will participate in another utility conference in Q4 2022 and develop a plan for 2023.</p>	<p>Forest service and fuel reduction cooperation and joint roadmap 7.3.10.4 <b>On Track</b></p>	<p><b><u>Cooperation with forest service and fuel reduction:</u></b> <b>Volume vs 2022 Goal:</b> Currently BVES has some cooperative discussions in forest service and fuel reduction cooperation and joint roadmap programs. BVES plans to have discussions with their forest service contacts to determine the applicability of these programs to improve their overall program. <b>Key Actions:</b> BVES plans to engage U.S. Forest Service in this area.</p>

# WMP Activities Status vs. WMP Activity Goals

## 7.3.4 - Asset Management & Inspection

Detailed inspections of distribution electric lines and equipment  
7.3.4.1

**Detailed Inspection Program  
Ahead of Schedule**

**Detailed Inspection Activities**

**Volume vs Q2 2022 Goal:** BVES set a target of 5 circuit miles by end of Q2. BVES plans to conduct 29 circuit miles of inspection in 2022.

**Key Actions:** BVES was able to complete 29.58 circuit miles of inspection in Q2.

Infrared inspections of distribution electric lines and equipment  
7.3.4.4

**UAV Thermography Program  
On Track**

**UAV Inspection Activities**

**Volume vs Q2 2022 Goal:** Zero circuit miles were scheduled for Q2 of 2022.

**Key Actions:** BVES plans to complete 211 circuit miles, which would fulfill the goal of conducting infrared inspections of the entire system annually. Survey was completed in Q2, awaiting results package.

Other discretionary inspection of distribution electric lines and equipment, beyond inspections mandated by rules and regulations  
7.3.4.9.1

**Third Party Ground Patrol  
On Track**

**Contracted Third Party Inspection**

**Volume vs Q2 2022 Goal:** Zero circuit miles were scheduled for Q2 of 2022.

**Key Actions:** BVES plans to complete 211 circuit miles, which would fulfill the goal of conducting 3<sup>rd</sup> party ground patrol inspections of the entire system annually. Survey was completed in Q2, awaiting results package.

Other discretionary inspection of distribution electric lines and equipment, beyond inspections mandated by rules and regulations  
7.3.4.9.2

**UAV HD Photography/Video Program  
On Track**

**UAV HD Photography/Video Program**

**Volume vs Q2 2022 Goal:** Zero circuit miles were scheduled for Q2 of 2022.

**Key Actions:** BVES plans to complete 211 circuit miles, which would fulfill the goal of conducting infrared inspections of the entire system annually. Survey was completed in Q2, awaiting results package.

Intrusive Pole Inspections  
7.3.4.6

**Intrusive Pole Inspection Program  
Ahead of Schedule**

**Intrusive Pole Inspections**

**Volume vs Q2 2022 Goal:** Zero intrusive pole inspections were scheduled for Q2 of 2022. BVES plans to assess 850 poles in 2022.

**Key Actions:** BVES was able to complete 587 intrusive pole inspections in Q2.

LiDAR inspections of distribution electric lines and equipment  
7.3.4.7

**LiDAR Inspection Program  
On Track**

**LiDAR Inspection Activities**

**Volume vs Q2 2022 Goal:** Zero circuit miles were scheduled for Q2 of 2022.

**Key Actions:** BVES plans to complete 211 circuit miles, which would fulfill the goal of conducting infrared inspections of the entire system annually. Survey was completed in Q2, awaiting results package.

Improvement of Inspections  
7.3.4.3

**Ongoing Effort**

**Improvement of Inspections:**

**Key Actions:** BVES is always trying to optimize its inspections and is open to changes/adaptations leading to a better process. BVES is working on upgrading inspection documentation tool for use in the field.

# WMP Activities Status vs. WMP Activity Goals

## 7.3.4 - Asset Management & Inspection

Patrol inspections of distribution electric lines and equipment  
7.3.4.11

**Patrol Inspection Program  
Ahead of Plan**

### **Patrol Inspection within the Service Area**

**Volume vs Q2 2022 Goal:** BVES targeted 75 circuit miles inspected by Q2 2022. BVES was able to conduct 83.2 circuit miles of inspection in Q1 2022. No additional circuit miles were inspected in Q2.

**Key Actions:** BVES plans to inspect 211 circuit miles in 2022.

Pole loading assessment program to determine safety factor  
7.3.4.13

**Pole Loading & Replacement Program  
Ahead of Plan**

### **Pole Loading & Replacement**

**Volume vs Q2 2022 Goal:** BVES targeted 75 pole assessments by Q2 2022. BVES was able to conduct 76 pole assessments in Q2 2022. BVES has conducted 104 pole assessments as of Q2.

**Key Actions:** BVES plans to conduct 225 pole assessments in 2022.

Quality assurance / quality control of inspections  
7.3.4.14

**Quality Control of Inspections  
Planned**

### **Quality Control for Electrical Inspections Program**

**Volume vs Goal:** BVES has not yet established quantitative or qualitative targets for the planned quality control program and therefore, have no quarterly units to report in the Quarterly Advice Letter.

**Key Actions:** Currently on track to discuss framework for formal controls development for internal and third-party inspection patrols.

Substation inspections  
7.3.4.15

**GO-174 Substation Inspection Program  
Ahead of Plan**

### **Substations Inspected**

**Volume vs Q2 2022 Goal:** BVES targeted 36 substation inspections in Q2 2022. BVES was able to complete 39 substation inspections in Q2 2022. BVES has conducted 78 substation inspections as of Q2.

**Key Actions:** BVES plans to conduct 36 substation inspections per quarter with an annual target of 144 substation inspections.

# WMP Activities Status vs. WMP Activity Goals

## 7.3.5 - Vegetation Management & Inspection

Detailed inspections and management practices for vegetation clearances around distribution electrical lines and equipment  
7.3.5.2

**Detailed Inspection Program Ahead of Schedule**

**Detailed Inspection Activities:**

**Volume vs Q2 2022 Goal:** BVES set a target of 5 circuit miles by end of Q2. BVES plans to conduct 29 circuit miles of inspection in 2022.

**Key Actions:** BVES was able to complete 29.58 circuit miles of inspection in Q2.

Emergency response vegetation management due to red flag warning or other urgent conditions  
7.3.5.4

**Emergency Preparedness & Response Program**

**Emergency Preparedness and Response Program:**

**Volume vs Goal:** BVES did not record an emergency in Q2 of 2022; therefore, use of the Emergency Preparedness & Response Program was not required.

Improvement of inspections  
7.3.5.6

**Quality Control of Inspections**

**Improvement of Inspections:**

**Volume vs Q2 2022 Goal:** One vegetation management audit was planned for Q2 2022. BVES was able to complete 1 vegetation management audits in Q2 2022. BVES has conducted 3 audits as of Q2 2022.

**Key Actions:** BVES plans to conduct one audit per quarter with an annual target of 4 vegetation management audits in 2022.

Identification and remediation of “at-risk species”  
7.3.5.15

**Planned**

**Remediation of At-Risk Species:**

**Key Actions:** BVES and its contractors account for at risk species when doing field work and evaluation. Cycle Breaker vegetation is an example of what may be recorded. Remediation as a separate initiative is considered for the future with no set program/project at this time.

Remote sensing inspections of vegetation around distribution electric lines and equipment  
7.3.5.7

**LiDAR Inspection Program**

**LiDAR Inspection Activities**

**Volume vs Q2 2022 Goal:** Zero circuit miles were scheduled for Q2 of 2022.

**Key Actions:** BVES plans to complete 211 circuit miles, which would fulfil the goal of conducting infrared inspections of the entire system annually. Survey was completed in Q2, awaiting results package.

Other discretionary inspections of vegetation around distribution electric lines and equipment  
7.3.5.9.1

**Third Party Ground Patrol**

**Contracted Third Party Inspection**

**Volume vs Q2 2022 Goal:** Zero circuit miles were scheduled for Q2 of 2022.

**Key Actions:** BVES plans to complete 211 circuit miles, which would fulfil the goal of conducting infrared inspections of the entire system annually. Survey was completed in Q2, awaiting results package.

Other discretionary inspections of vegetation around distribution electric lines and equipment  
7.3.5.9.2

**UAV HD Photography/Video Program**

**UAV HD Photography/Video Program**

**Volume vs Q2 2022 Goal:** Zero circuit miles were scheduled for Q2 of 2022.

**Key Actions:** BVES plans to complete 211 circuit miles, which would fulfil the goal of conducting infrared inspections of the entire system annually. Survey was completed in Q2, awaiting results package.

Patrol inspections of vegetation around distribution electric lines and equipment  
7.3.5.11

**Patrol Inspection Program**

**Patrol Inspection within the Service Area**

**Volume vs Q2 2022 Goal:** BVES targeted 75 circuit miles inspected by Q2 2022. BVES was able to conduct 83.2 circuit miles of inspection in Q1 2022. No additional circuit miles were inspected in Q2.

**Key Actions:** BVES plans to inspect 211 circuit miles in 2022.



# WMP Activities Status vs. WMP Activity Goals

## 7.3.5 - Vegetation Management & Inspection

Quality assurance / quality control of vegetation inspections  
7.3.5.13

**Quality Control of Inspections**  
**42 QC Reviews**

### **Quality Control for Electrical Inspections Program**

**Volume vs Q2 2022 Goal:** BVES planned to conduct 18 quality controls reviews in Q2 2022. BVES was able to conduct 26 quality control reviews in Q2 2022.

**Key Actions:** BVES plans to conduct 18 quality control reviews per quarter with an annual target of 72 quality control reviews in 2022.

Recruiting and training of vegetation management personnel  
7.3.5.14

**Vegetation Management Program Staffing**  
**Met Targets**

### **Resource Allocation & Training:**

BVES has an established program in place and continues to monitor all aspects of the program for compliance. During the period Q4 of 2021, there were no compliance issues identified.

**Key Actions:** BVES reviewed staffing program and methodology

Removal and remediation of trees with strike potential to electric lines and equipment  
7.3.5.16

**Enhanced Vegetation Management Program**

### **Mid-Year Detailed Inspection Activities**

**Volume vs Q1 2022 Goal:** BVES planned to remove/remediate 18 hazardous trees in Q2 2022. BVES was able to remove/remediate 47 hazardous trees in Q2 2022.

**Key Actions:** BVES plans to clear 18 circuit miles per quarter with an annual target of 72 circuit miles cleared in 2022.

Fuel management (including all wood management) and management of "slash" from vegetation management activities  
7.3.5.5

**Enhanced Vegetation Management Program Contractor Meets Requirements**

### **Enhanced VM Program Inspection**

**Key Actions:** This is a contractor lead initiative. Following the monthly substation inspections identified vegetation concerns and their associated waste are removed by the contractor per the contract. At which point BVES is notified, and the inspection and removal is logged.

Substation inspection  
7.3.5.17

**GO-174 Substation Inspection Program**  
**Inspected & Cleared Vegetation**

### **Substations Inspected**

**Volume vs Q2 2022 Goal:** BVES planned to inspect 36 substations in Q2 2022. BVES was able to clear 39 substations in Q2 2022.

**Key Actions:** BVES plans to inspect 36 substations per quarter with an annual target of 144 circuit miles cleared in 2022.

Substation vegetation management  
7.3.5.18

**Substation Vegetation Management Inspections & Corrections**

### **Substation Inspection**

**Key Actions:** This is a contractor lead initiative. Following the monthly substation inspections identified vegetation concerns and their associated waste are removed by the contractor per the contract. BVES is then notified, and the inspection and removal is logged.

Vegetation management enterprise system  
7.3.5.19

**GIS Data Collection & Sharing Trimmed Trees Logged**

### **GIS Data Collection & Sharing:**

**Volume vs 2022 Goals:** BVES continues to work towards a class leading Data Repository.

**Key Actions:** BVES continue to work with its contracted experts to update its GIS database as well as develop a more streamlines method for reporting and sharing of information.

Vegetation management to achieve clearances around electric lines and equipment  
7.3.5.20

**Enhanced Vegetation Management Program**

### **Circuit Miles Cleared:**

**Volume vs Q2 2022 Goals:** BVES planned to clear 18 circuit miles in Q2 2022. BVES was able to clear 25.02 circuit miles in Q2 2022.

**Key Actions:** BVES plans to clear 18 circuit miles per quarter with an annual target of 72 circuit miles cleared in 2022.

# WMP Activities Status vs. WMP Activity Goals

## 7.3.6 - Grid Operations & Operating Protocols

Automatic Recloser Operations  
7.3.6.1  
**Grid Automation Program  
Completed**

**Fault Interrupters – IntelliRupters Pulsing Auto Reclosers – Completed Cycle Work:**

**Volume vs Goal:** BVES plans to install S&C’s Pulse Closer Fault Interrupters across its major 34 kV system auto-reclosers that was completed in 2020.  
**Key Actions:** None planned for 2022.

Protective equipment and  
device settings  
7.3.6.2  
**Protective Equipment and  
Device Settings**

**Protective Equipment and Device Settings:**

**Key Actions:** All protective device settings are logged and controlled by Engineering. The settings are set based on coordination studies. BVES does not use special Fast Settings for fire season.

Crew-Accompanying Ignition  
Prevention and Suppression  
Resources and Services  
7.3.6.3  
**Emergency Preparedness &  
Response Program  
No Emergency Events**

Stationed and On-Call Ignition  
Prevention and Suppression  
Resources and Services  
7.3.6.7  
**Emergency Preparedness &  
Response Program  
Ongoing**

**Emergency Preparedness & Response Program:**

BVES has an established program in place. BVES continues to monitor all aspects of the program for compliance. During the period Q2 of 2022, there were no emergency events that would require the use of said program.  
**Key Actions:** There were no key actions related to this program in Q2 of 2022.

Personnel Work Procedures  
and Training in Conditions of  
Elevated Fire Risk  
7.3.6.4  
**PSPS Program & Procedures  
Ongoing**

Protocols for PSPS Re-  
Energization  
7.3.6.5  
**PSPS Program & Procedures  
Established**

PSPS Events and Mitigation of  
PSPS Impacts  
7.3.6.6  
**PSPS Program & Procedures  
0 PSPS Events**

**PSPS Program & Procedure:**

BVES has an established program and procedures in place. BVES continues to monitor all aspects of the program for compliance. During the period Q2 of 2022 there were no PSPS events that would require the use of said program.  
**Key Actions:** There were no key actions related to the Program as there were no PSPS events.

# WMP Activities Status vs. WMP Activity Goals

## 7.3.9 - Emergency Planning & Preparedness

Adequate and Trained Workforce for Service Restoration  
7.3.9.1  
**Resource Allocation Methodology Completed**

**Resource Allocation Methodology:**

BVES has an established program in place and continues to monitor all aspects of the program for compliance. During the period Q2 of 2022, there were no compliance issues identified.

**Key Actions:** Staffing for service restoration was reviewed and declared adequate. In the instance of a service restoration event BVES will review the results and re-evaluate staffing if necessary.

Community Outreach, Public Awareness, and Communications Efforts  
7.3.9.2  
**Community Outreach Program Targets Exceeded**

**Community Outreach Program:**

**Volume vs Q2 2022 Goal:** BVES had planned to conduct 90 outreach activities at minimum. BVES recorded 145 outreach activities 161% of target for Q2.

**Key Actions:** BVES exceeded its outreach targets in Q2 at 161% of the established target. BVES continues to establish coordination and communication events as pre-season PSPS planning takes place.

Disaster and Emergency Preparedness Plan  
7.3.9.4  
**Emergency Preparedness & Response Program Established**

Preparedness and Planning for Service Restoration  
7.3.9.5  
**Emergency Preparedness & Response Program Ongoing**

**Emergency Preparedness and Response Program:**

**Volume vs Q2 2022 Goal:** BVES did not record an emergency in Q2 of 2022. This means that the use of the Emergency Preparedness & Response Program was not required.

Customer Support in Emergencies  
7.3.9.3  
**Emergency Preparedness & Response Program Established**

Protocols in Place to Learn from Wildfire Events  
7.3.9.6  
**Emergency Preparedness & Response Program In Progress**

## 7.3.8 - Resource Allocation Methodology

Allocation Methodology Development and Application  
7.3.8.1  
**Resource Allocation Methodology Program In Process**

**Resource Allocation Methodology (Primary):**

BVES has an established program in place and continues to monitor all aspects of the program for additional staff. During the period Q2 of 2022, there were no gap issues identified.

**Key Actions:** BVES routinely reviewed staffing program needs.

Risk Reduction Scenario Development and Analysis  
7.3.8.2  
**Ignition Probability & Wildfire Consequence Mapping Completed**

**Contracting with Risk Mapping Resource**

**2022 Goal:** During 2021 in conjunction with the contracted resource BVES completed its initial Risk Mapping. Due to a lack of historical data, the PSPS risk reduction aspect was deferred. For 2022, BVES plans to contract with Technosylva to develop real-time fire modeling capabilities.

**Key Actions:** BVES continues to evaluate the best course of action to add PSPS Risk Reduction mapping and has engaged a contractor for additional modeling support. BVES has a contract with Technosylva and is making progress on project goals.

Risk Spend Efficiency Analysis  
7.3.8.3  
**Ignition Probability & Wildfire Consequence Mapping In Progress**

**Contracting with Risk Mapping Resource**

**2022 Goal:** BVES completed its initial Risk Mapping in 2021 in conjunction with a contracted resource. Due to a lack of historical data, the PSPS risk reduction aspect was deferred. For 2022 BVES plans to evaluate the best course of action to add this tool to its Risk Assessment & Mapping program.

**Key Actions:** BVES continues to evaluate the best course of action to add PSPS Risk Reduction mapping to its Risk Assessment & Mapping program.