# 1 Persons responsible for executing the WMP

Provide an accounting of the responsibilities of the responsible person(s) executing the plan, including:

- 1. Executive level with overall responsibility
- 2. Program owners specific to each component of the plan

Ensure that the plan components described in (2) include an accounting for each of the WMP sections and subsections.

# 2.1 Lessons learned: how tracking metrics on the 2019 plan has informed the 2020 plan

Describe how the utility's plan has evolved since the 2019 WMP submission. Outline any major themes and lessons learned from the 2019 plan and subsequent implementation of the initiatives. In particular, focus on how utility performance against the metrics used has informed the utility's 2020 WMP.

Table 1: Recent performance on progress metrics, last 5 years

#		Progress met					Annual performanc	e		Unit(s)	Comments	
#		Progress met	ric name		2015	2016	2017	2018	2019	Unit(s)	Comments	
		Findings per	Leve	el 1	N/A - no data available	N/A - no data available	0.00000	0.00000	0.00949			
		mile of circuit in HFTD	Levi	el 2	N/A - no data available	N/A - no data available	0.40321	0.25615	0.36526			
		HFTD	Levi	el 3	N/A - no data available	N/A - no data available	3.34424	14.93762	0.82539			
				Level 1	N/A - no data available	N/A - no data available	0.00000	0.00000	0.00949		Prior to 2017, inspection and other data whi had been being maintained in a database syst	
	Grid condition		Patrol Inspections	Level 2	N/A - no data available	N/A - no data available	0.36526	0.23244	0.23718	Number of Level 1, 2, and 3 findings per mile of circuit in HFTD, and per total miles of circuit for each of the following inspection types:	called Automated Line Patrol System (ALDS	
1	findings from inspection			Level 3	N/A - no data available	N/A - no data available	1.70296	12.86466	0.09962	Patrol inspections     Detailed inspections	archived and retained, data prior to 2017 is not readily available. During that transition all level	
		Findings per total circuit		Level 1	N/A - no data available	N/A - no data available	0.00000	0.00000	0.00000	3. Other inspection types	1, 2 or 3 deficiencies had either been corrected	
		miles by inspection	Detailed Inspections	Level 2	N/A - no data available	N/A - no data available	0.00000	0.00000	0.12808		or were entered into the new Partner system for tracking and remediation.	
		type		Level 3	N/A - no data available	N/A - no data available	0.00474	0.01423	0.72577			
			Other	Level 1	N/A - no data available	N/A - no data available	0.00000	0.00000	0.00000			
			Inspection Types	Level 2	N/A - no data available	N/A - no data available	0.03795	0.02372	0.00000			
			.,,,,,,,	Level 3	N/A - no data available	N/A - no data available	1.63654	2.05873	0.00000			
2	Vegetation	n clearance find	ings from inspe	ection	N/A - no data available	N/A - no data available	N/A - no data available	N/A - no data available	0.02	Percentage of right-of-way with noncompliant clearance based on applicable rules and regulations at the time of inspection, as a percentage of all right-of-way inspected	2019 figure is from October to December. Unable to locate any data prior to October 2019 with the granularity needed to respond.	
			1. In HFTD		144	144	144	144	144	Number of sealing division devices are significant with a low results of		
3	Extent of grid modularization	:	2. In Non-HFTD		N/A - BVES does not have any portions of its service territory in Non-HFTD	N/A - BVES does not have any portions of its service territory in Non- HFTD	N/A - BVES does not have any portions of its service territory in Non-HFTD	N/A - BVES does not have any portions of its service territory in Non-HFTD	N/A - BVES does not have any portions of its service territory in Non- HFTD	Number of sectionalizing devices per circuit mile plus number of automated grid control equipment in: 1.HFTD 2. Non-HFTD	Entire BVES service territory is in HTFD 2 or 3.	
4	Da	ita collection ai	nd reporting						97.10%	Percent of data requested in SDR and WMP collected in initial submission		

Note: Values for Table 1.1. "Grid condition findings from inspection" were calculated by dividing the total number of findings of each type by the total number of overhead circuit miles in BVES's service territory, assuming underground circuits are unaffected by wind conditions. Including underground circuit miles in this calculation would deflate the actual assessment of risk posed by wind and other wildfire-risk conditions.

#### Table 2: Recent performance on outcome metrics, last 5 years

	1			Δr	nual performa	ince			
Metric type		Outcome metric name	2015	2016	2017	2018	2019	Unit(s)	Comments
	1.a.	Number of all events (such as unplanned outages, faults, conventional blown fuses, etc.) that could result in ignition, by two according to utility provided list (total)	28	58	35	20	15	Number per year	
1. Near misses	1.b.	humber of all events (such as unplanned outages, faults, conventional blown fuses, etc.) that could result in ignition, by two according to utility-provided list (normalized)	0.04553	0.01942	0.01057	0.00896	0.01124	Number per RFW circuit mile day per year	
	1.c.	Number of wires down (total)	0	3	0	0	3	Number of wires down per year	
	1.d.	Number of wires down (normalized)	0.00000	0.00100	0.00000	0.00000	0.00225	Number per RPW circuit mile day per year	
	2.a.	Number of Level 1 findings that could increase the probability of ignition discovered per circuit mile inspected	N/A - no data available	N/A - no data available	0	0	0	Average number of Level 1 findings that could increase the probability of ignition discovered by all inspections per circuit mile per year	Prior to 2017, inspection and other data which had been being maintained in a database system called Automated Line Patrol
2. Utility inspection findings	2.b.	Number of Level 2 findings that could increase the probability of ignition discovered per circuit mile inspected	N/A - no data available	N/A - no data available	0	0	0	Average number of Level 2 findings that could increase the probability of ignition discovered by all inspections per circuit mile ner year.	System (ALPS) were migrated to a new database system called "Partner." While the old database has been archived and retained, data prior to 2017 is not readily available. During that transition all
	2.c.	Number of Level 3 findings that could increase the probability of ignition discovered per circuit mile inspected	N/A - no data available	N/A - no data available	0	0	0	Average number of Level 3 findings that could increase the probability of ignition discovered by all inspections per circuit mile per year	level 1, 2 or 3 deficiencies had either been corrected or were entere into the new Partner system for tracking and remediation.
	3.a.	Customer hours of planned outages including PSPS (total)	1,467	2,112	88,412	6,725	782	Total customer hours of planned outages per year	
	3.b.	Customer hours of planned outages including PSPS (normalized)	2.38563	0.70717	26.69925	3.01434	0.58574	Total customer hours of planned outages per RFW circuit mile	
Customer hours of PSPS and other outages	3.c.	Customer hours of unplanned outages, not including PSPS (total)	73.785	129.310	155.513	73,619	121.869	day per year  Total customer hours of unplanned outages per year	
3. Customer riours or PSPS and other outages								Total customer hours of unplanned outages per year  Total customer hours of unplanned outages per RFW circuit	
	3.d.	Customer hours of unplanned outages, not including PSPS (normalized)	119.98873	43.29752	46.96287	32.99817	91.28356	mile day ner year	
	3.e.	Increase in System Average Interruption Duration Index (SAIDI)	0	0	0	0	0	Change in minutes compared to the previous year	
4. Utility ignited wildfire fatalities	4.a.	Fatalities due to utility-ignited wildfire (total)	0	0	0	0	0	Number of fatalities per year	BVES has not had any utility-ignited wildfires
4. Othity ignited wildlife latarities	4.b.	Fatalities due to utility-ignited wildfire (normalized)	0	0	0	0	0	Number of fatalities per RFW circuit mile day per year	BVES has not had any utility-ignited wildfires
5. Accidental deaths resulting from utility wildfire mitigation initiatives	5.a.	Deaths due to utility wildfire mitigation activities (total)	0	0	0	0	0	Number of fatalities per year	
6. OSHA-reportable injuries from utility wildfire mitigation initiatives	6.a.	CSMA-reportable injuries due to utility wildfire mitigation activities (total)	0	0	0	1	0	Number of OSHA-reportable injuries per year	On July 19, 2018, a line worker and the owner of Teele Tree Services made contact with a high voltage power line and sustained non-fata injuries. The injury did not require reporting under CalOSHA guidelines but 8VES chose to report the incident.
	6.b.	OSHA-reportable injuries due to utility wildfire mitigation activities (normalized)	0	0	0	4.74361	0	Number of OSHA-reportable injuries per year per 1000 line miles of grid	BVES has only 210.81 miles of OH lines. Navigant Consulting interpreted this question to mean BVES would have 0.21081 "thousand line miles of axid."
Value of assets destroyed by utility-ignited wildfire, listed by asset type	7.a.	Value of assets destroyed by utility-ignited wildfire (total)	0	0	0	0	0	Dollars of damage or destruction per year	BVES has not had any utility-ignited wildfires
7. Value of assets destroyed by duffly-ignited wildline, fisced by asset type	7.b.	Value of assets destroyed by utility-ignited wildfire (normalized)	0	0	0	0	0	Dollars of damage or destruction per RFW circuit mile day per year	BVES has not had any utility-ignited wildfires
8. Structures damaged or destroyed by utility-ignited wildfire	8.a.	Number of structures destroyed by utility-ignited wildfire (total)	0	0	0	0	0	Number of structures destroyed per year	BVES has not had any utility-ignited wildfires
a. Actuation damaged or destroyed by acting agricult within the	8.b.	Number of structures destroyed by utility-ignited wildfire (normalized)	0	0	0	0	0	Number of structures destroyed per RFW circuit mile day per wear	BVES has not had any utility-ignited wildfires
Acreage burned by utility-ignited wildfire	9.a.	Acreage burned by utility-ignited wildfire (total)	0	0	0	0	0	Acres burned per year	BVES has not had any utility-ignited wildfires
		Acreage burned by utility-ignited wildfire (normalized)	0	0	0	0	0	Acres burned per RFW circuit mile day per year	BVES has not had any utility-ignited wildfires
	10.a.	Number of ignitions (total) according to existing ignition data reporting requirement	0	0	0	0	0	Number per year	BVES had not had any ignitions
	10.b.	Number of ignitions (normalized)	0	0	0	0	0	Number per RFW circuit mile day per year	BVES had not had any ignitions
	10.c.i	Number of ignitions in HFTD (subtotal)	0	0	0	0	0	Number in HFTD per year	BVES had not had any ignitions BVES had not had any ignitions
	10.c.ii.	Number of lenitions in HFTD Zone 1 Number of lenitions in HFTD Tier 2	0	0	0	0	0	Number in HFTD Zone 1 per year Number in HFTD Tier 2 per year	BVES had not had any ignitions BVES had not had any ignitions
	10.c.ii.	Number of ignitions in HFTD Tier 2 Number of ignitions in HFTD Tier 3	0	0	0	0	0	Number in HFTD Tier 2 per year Number in HFTD Tier 3 per year	BVES had not had any ignitions
10. Number of utility wildfire ignitions	10.d.	Number of lenitions in HFTD (subtotal, normalized)	0	0	0	0	0	Number in HFTD per RFW circuit mile day per year	BVES had not had any ignitions
A.C. Harmon or denny winding (granding	10.d.i.	Number of Ignitions in HFTD Zone 1 (normalized)	0	0	0	0	0	Number in HFTD Zone 1 per RFW circuit mile day per year	BVES had not had any ignitions
	10.d.ii.	Number of ignitions in HFTD Tier 2 (normalized)	0	0	0	0	0	Number in HFTD Tier 2 per RFW circuit mile day per year	BVES had not had any ignitions
	10.d.iii.	Number of ignitions in HFTD Tier 3 (normalized)	0	0	0	0	0	Number in HFTD Tier 3 per RFW circuit mile day per year	BVES had not had any ignitions
	10.e.	Number of ignitions in non-HFTD (subtotal)	0	0	0	0	0	Number in non-HFTD per year	BVES had not had any ignitions
	10.f.	Number of ignitions in non-HFTD (normalized)	0	0	0	0	0	Number in non-HFTD per RFW circuit mile day per year	BVES had not had any ignitions
11. Critical infrastructure impacted	11.a.	Critical Infrastructure impacted by PSPS	0	0	0	0	0	Number of critical infrastructure (in accordance with D.19-05- 042) locations impacted per hour multiplied by hours offline per year	BVES has not needed to initiate any PSPS events
11. Croca mirasoccorempaced	11.b.	Critical infrastructure impacted by PSPS (normalized)	0	0	0	0	0	Number of critical infrastructure (in accordance with D.19-05- 042) locations impacted per hour multiplied by hours offline per RFW circuit mile day per year	BVES has not needed to initiate any PSPS events

Mathematical Property of the component of the componen	ist and descriptio	escription of additional metrics, last 5 years  Category Metric								
Property	Metric Category	Metric	2015	2016		2018	2019	Units	Underlying assumptions	Third-party validation
American leading and the control of the con	Overall Plan	Number of reportable fire incidents (D14-02-015 Appendix C: Fire Incident Data Collection Plan)	not recorded prior to 2019	0	Number of incidents	Assess overall effectiveness of the plan	open as well as closed work orders, BVES GIS databases, staff interviews, as well as spot-checking select items for confirmation of			
Methodological line		Number of bare line contact with vegetation	not recorded prior to 2019	0	Number of contact events	Assess if plan has reduced risk events				
Marie		Number of live wire down events	not recorded prior to 2019	0	Number of events	Assass if plan has reduced risk events				
Management         Modern         Mod		Number of conventional blown fuse events	not recorded prior to 2019	1	Number of events	Assess If plan has reduced risk events				
Hand the second		Number of poles assessed	not recorded prior to 2019	553	Number of poles	Determine if plan is on schedule				
Marie		Number of poles that failed assessment (wind loading, age, deterioraton, unflivable GO- 95 violation)	not recorded prior to 2019	not recorded	not recorded prior to 2019	not recorded prior to 2019	384	Numer of poles	Optermine if plan is on schedule	
Hand the second	Infrastructure	Number of poles replaced as a result of failed assessments	not recorded prior to 2019	not recorded	not recorded prior to 2019	not recorded prior to 2019	215	Number of poles	Determine if plan is on schedule	open as well as closed work orders, BVES GIS databases, staff
Hand Professional Control (1985) 전 1985 전 1		Number of poles remediated as a result of failed assessments	not recorded prior to 2019	not recorded	not recorded prior to 2019	not recorded prior to 2019	61	Number poles	Determine if plan is on schedule	interviews, as well as spot-checking select items for confirmation of status.
Marie Ma		Number of Tree Attachments Removed	not recorded prior to 2019 WMP	not recorded	not recorded	not recorded prior to 2019	43	Number of attachments	Determine if plan is on schedule	
Modern Samura (Marchander)         Modern Samura (Marchander) <th< td=""><td></td><td>Number of new poles installed as a result of Tree Attachments Removed</td><td>not recorded prior to 2019</td><td>not recorded</td><td>not recorded</td><td>not recorded prior to 2019</td><td>9</td><td>Number of poles</td><td>Determine if plan is on schedule</td><td></td></th<>		Number of new poles installed as a result of Tree Attachments Removed	not recorded prior to 2019	not recorded	not recorded	not recorded prior to 2019	9	Number of poles	Determine if plan is on schedule	
American control and control an		Length of Bare Wire Covered (Circuit Miles)	not recorded prior to 2019	not recorded	not recorded prior to 2019	not recorded prior to 2019	1	Length of wire (circuit miles)	Determine if plan is on schedule	
Mathematical production of the control of the con		Number of conventional fuses replaced by current limiting fuses	not recorded prior to 2019	285	Number of fuses	Determine if plan is on schedule				
Marie Michiganian and Michiganian (1978) (19		Number of conventional fuses replaced by fused trip savers (vacuum style)	not recorded prior to 2019	8	Number of fuses	Determine if plan is on schedule				
Programment of the control of the co		Number of Conventional fuses in system	not recorded prior to 2019	3,374	Number of fuses	Assess overall system hardening				
Handlike Mandrakengangangangangangangangangangangangangan		Percent of 34.5 kV System that is Overhead Bare Wire	not recorded prior to 2019 WMP	not recorded	not recorded prior to 2019	not recorded prior to 2019	93.93%	Percent of 34.5 kV circuit miles	Assess overall system hardening	
Market Ma		Percent of 34.5 kV System that is Underground	not recorded prior to 2019 WMP	not recorded prior to 2019 WMP	not recorded prior to 2019 WMP	not recorded prior to 2019	2.74%	Percent of 34.5 kV circuit miles	Assess overall system hardening	
Marked Primarian Configuration 19 10 10 10 10 10 10 10 10 10 10 10 10 10	System Hardening	Percent of 34.5 kV System that is Covered Wire	not recorded prior to 2019 WMP	not recorded	not recorded prior to 2019 WMP	not recorded prior to 2019	3.33%	Percent of 34.5 kV circuit miles	Assess overall system hardening	open as well as closed work orders, BVES GIS databases, staff
Seed of the standard and employed and		Percent of 4 kV System that is Overhead Bare Wire	not recorded prior to 2019 WMP	71.56%	Percent of 4 kV circuit miles	Assess overall system hardening				
Part of 1 May internal 2 Color internal color int		Percent of 4 kV System that is Underground	not recorded prior to 2019 WMP	28.44%	Percent of 4 kV circuit miles	Assess overall system hardening				
Marker of the accidence to ac		Percent of 4 kV System that is Covered Wire	not recorded prior to 2019 WMP	0.00%	Percent of 4 kV circuit miles	Assess overall system hardening				
Marked of Yagen' regispriors that souther and an in the comment of 100 and 1		Number of Tree Attachments Remaining in System	not recorded prior to 2019 WMP	973	Number of attachments	Assess overall system hardening				
Marked of Tables Tributed   Control of Con		Number of "Urgent" Vegetation Orders Issued (must be corrected w/30 days)	not recorded prior to 2019 WMP	34	Number of orders	Assess if vegetation management plan has reduced risk events				
Author of Pase Tomone		Number of "Urgent" Vegetation Orders Outstanding	not recorded prior to 2019 WMP	0	Number of orders	Determine if plan is on schedule				
Number of Taxes Bassine A   Section   Common		Number of Trees Trimmed	not recorded prior to 2019 WMP	5,378	Number of trees	Determine if plan is on schedule				
Particular of Circular Springer Cleaner by Treat Treating Cross   Particular Springer Cleaner by Treating Cross   Particular Springer Cleaner by Treat Treating Cross   Particular Springer Cleaner by Treating Cross   Particular Springer Cl		Number of Trees Removed	not recorded prior to 2019 WMP	87	Number of trees	Determine if plan is on schedule				
Number of Lave of Lower 1 Counting Compliance (promodules and of high potential part of Lower 1 Counting Counti		Percent of OH System Cleared by Tree Trimming Crews	not recorded prior to 2019 WMP	30.61%	Percent of OH system	Determine if plan is on schedule				
Number of Level 2 GOS Protection (Procurs of the Name Configuration (Procurs of the Na		Number of Level 1 GO-85 Potential Non-Compliance (Immediate risk of high potential impact to safety or reliability) trems idendified	not recorded prior to 2019 WMP	0	Number of Items	Determine if plan is on schedule				
Number of Lever 2 GO SP Protected Non-Compliance (Aprox 1 and 1 at 101)  Number of Lever 2 GO SP Protected Non-Compliance (Aprox 1 and 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP Protected Non-Compliance (Aprox 1 at 101)  Number of Lever 3 GO SP		Number of Level 1 GO-95 Potential Non-Compliance (Immediate risk of high potential impact to safety or reliability) Items Outstanding	not recorded prior to 2019 WMP	0	Number of Items	Determine if plan is on schedule				
Number of Level 3 CO SP Potential Nos-Compliance (Pery risk of the proteint all parts to septical agency to			not recorded prior to 2019 WMP	52	Number of Items	Determine if plan is on schedule				
Author of Level 3 Co DS Protection Row Compliance (Amy risk of time potential impact to the Section of the Control of the Control of the Compliance (Amy risk of time potential impact to the Control of the Control o		Number of Level 2 GO-95 Potential Non-Compliance (Any other risk of at least moderate potential impact to safety or reliability) items Outstanding	not recorded prior to 2019 WMP	0	Number of Items	Determine if plan is on schedule				
Number of Level 3.0 GPS Protection Non-Compliance (April and of the protection) and protection of the controlled protection of the c	Operations	Number of Level 3 GO-95 Potential Non-Compliance (Any risk of low potential impact to safety or reliability) Items Idendified	not recorded prior to 2019 WMP	139	Number Items	Determine if plan is on schedule	open as well as closed work orders, BVES GIS databases, staff interviews, as well as spot-checking select items for confirmation of			
Number of Crical Miles introducing per GO 155 per 100 2039 per 100 203		Number of Level 3 GO-95 Potential Non-Compliance (Any risk of low potential impact to safety or reliability) Items Outstanding	not recorded prior to 2019 WMP	0	Number Items	Determine if plan is on schedule				
Number of Creat Miles Inspected per GO-155 (Setalled Impection)  Provided in the Control of Miles Inspected per GO-155 (Setalled Impection)  Number of Price Instructively Inspected  Number of Price Instructive Inspection  Number of Price Insp		Number of Circuit Miles Patrolled per GO-165	not recorded prior to 2019 WMP	118.61	Number of Circuit Miles	Determine if plan is on schedule				
Number of Poliss Introducinly Inspectable plant 2029 give to 2029 yet to 2029		Number of Circuit Miles Inspected per GO-165 (detailed inspection)	not recorded prior to 2019 WMP	12	Number of Circuit Miles	Determine if plan is on schedule				
Number of Poles Falling Instructive Imperction point 2019 in the 2019 point 2019 in the 2019 point 2019 in the 2019 point		Number of Poles Intrusively Inspected	not recorded prior to 2019 WMP	46	Number of Poles	Determine if plan is on schedule				
		Number of Poles Failing Instrussive Inspection	not recorded prior to 2019	9	Number of Poles	Determine if plan is on schedule				

|                       | Number of Circuit Miles of LIDAR Survey  | N/A - metric<br>not recorded<br>prior to 2019<br>WMP | 0    | Number of Circuit Miles                    | Optormine if plan is on schedule   |   |
|-----------------------|--|--|--|--|--|------|--|--|---|
|                       | Number of LIDAR trouble spots  | N/A - metric<br>not recorded<br>prior to 2019<br>WMP | 0    | Number of spots                            | Determine if plan is on schedule   |   |
|                       | Number of Circuit Miles of Exacter Survey  | N/A - metric<br>not recorded<br>prior to 2019<br>WMP | 120  | Number of Circuit Miles                    | Assess if communications plan has reduced customer concerns and risk events                          |   |
|                       | Number of Exacter trouble spots  | N/A - metric<br>not recorded<br>prior to 2019<br>WMP | 10   | Number of trouble spots                    | Assess outage impact on customers as a result of PSPS  |   |
|                       | Number of Customer Service Calls about Tree Trimming   | N/A - metric<br>not recorded                         | 0    | Number of Calls                            | Monitor changing climatic and weather patterns   | Contracted 3rd party analysts or academic researchers could review  |
| Customer Service      | SAIDI due to PSPS  | N/A - metric<br>not recorded<br>prior to 2019<br>WMP | 0    | System Average Interruption Duration Index | Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns | open as well as closed work orders, BVES GIS databases, staff<br>interviews, as well as spot-checking select items for confirmation of<br>status.   |
| Weather<br>Conditions | Number of NFDRS "Very Dry" and "Dry" Days  | N/A - metric<br>not recorded<br>prior to 2019<br>WMP | 150  | Number of Days                             | Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns | Contracted 3rd party analysts or academic researchers could review<br>open as well as closed work orders, BVES GIS databases, staff<br>interviews, as well as spot-checking select items for confirmation of<br>status. |
|                       | Number of PSPS Events  | N/A - metric<br>not recorded<br>prior to 2019<br>WMP | 0    | Number of Events                           | Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns |   |
|                       | Maximum recorded sustained winds Recorded by NWS   | N/A - metric<br>not recorded<br>prior to 2019<br>WMP | 33   | Miles per Hour                             | Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns |   |
|                       | Maximum recorded sustained winds Recorded by BVES Weather Stations   | N/A - metric<br>not recorded<br>prior to 2019<br>WMP | 77.8 | Miles per Hour                             | Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns |   |
|                       | Maximum recorded wind gusts Recorded by NWS  | N/A - metric<br>not recorded<br>prior to 2019<br>WMP | 53   | Miles per Hour                             | Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns |   |
| PSPS                  | Maximum recorded wind gusts Recorded by BVES Weather Stations  | N/A - metric<br>not recorded<br>prior to 2019<br>WMP | 77.8 | Miles per Hour                             | Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns | Contracted 3rd party analysts or academic researchers could review<br>open as well as closed work orders, BVES GIS databases, staff<br>interviews, as well as spot-checking select items for confirmation of<br>status. |
|                       | Frequency of sustained high winds (number of days sustained wind > 50 mph) recorded by NWS                   | N/A - metric<br>not recorded<br>prior to 2019<br>WMP | 0    | Number of Days                             | Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns |   |
|                       | Frequency of sustained high winds (number of days sustained wind > 50 mph) recorded by BVES weather stations | N/A - metric<br>not recorded<br>prior to 2019<br>WMP | 2    | Number of Days                             | Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns |   |
|                       | Frequency of high wind gusts (number of days wind gusts > 50 mph) recorded by NWS                            | N/A - metric<br>not recorded<br>prior to 2019<br>WMP | 1    | Number of Days                             | Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns |   |
|                       | Frequency of high wind gusts (number of days wind gusts > 50 mph) recorded by BVES weather stations          | N/A - metric<br>not recorded<br>prior to 2019<br>WMP | 2    | Number of Days                             | Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns |   |

Note: Data from 2015-2018 is unavailble as these metrics were not recorded prior to implementation of the current (2019) WMP, which took effect June 2019.

Convoiced   Conv	Metric Category	Metric	Program target	2019 performance	Units	Underlying assumptions	Third-party validation
March   Color   Colo	Overall Plan	incidents (D14-02-015 Appendix C: Fire Incident Data Collection Plan)	0	0	Number of incidents	Assess overall effectiveness of the plan	Contracted 3rd party analysts or academic researchers could review open as well as closed work orders, BVES GIS databases, staff interviews, as well as spot-checking select items for confirmation of status.
The content of the		vegetation		-		,	
March   Company   Compan		Number of live wire down events Number of conventional blown					
Part		fuse events					
March   Common   Co		Number of poles that failed		333	Humber of poics	Determine it plants on senedule	
March   Color Co				384	Number of poles	Determine if plan is on schedule	
March   Marc		violation) Number of poles replaced as a	N/A - this program does not have	***			
March   Marc			a specific target	215	Number of poles	Determine if plan is on schedule	Contracted 3rd party analysts or academic researchers could review
March   Marc	Infrastructure	Number of poles remediated as a result of failed assessments	N/A - this program does not have a specific target	61	Number poles	Determine if plan is on schedule	open as well as closed work orders,
Part				43	Number of attachments	Determine if plan is on schedule	as well as spot-checking select items
March   Marc		Number of new poles installed as					for confirmation of status.
Page		Removed		9	Number of poles	Determine if plan is on schedule	
## Control Con		Length of Bare Wire Covered	1	1	Length of wire (circuit miles)	Determine if plan is on schedule	
Part		Number of conventional fuses	1 288	583	Number of fuses		
Part			1,200	303	Hamber of lases	Determine if plan is on schedule	
Martin of the properties of		replaced by fused trip savers	314	29	Number of fuses		
Marie   Mari		(vacuum style) Number of Conventional fuses in	N/A - this program does not have	2274	Number of france	Determine if plan is on schedule	
Control of Section   Control		system	a specific target			Assess overall system hardening	
Material M		Overhead Bare Wire	a specific target			Assess overall system hardening	
Secretaria   Sec		Underground	a specific target	2.74%	Percent of 34.5 kV circuit miles	Assess overall system hardening	Contracted 3rd party analysts or
Outstand Section 10	System Hardening	Covered Wire	a specific target	3.33%	Percent of 34.5 kV circuit miles	Assess overall system hardening	open as well as closed work orders,
Martinary   Mart	.,	Overhead Bare Wire		71.56%	Percent of 4 kV circuit miles	Assess overall system hardening	BVES GIS databases, staff interviews, as well as spot-checking select items
Processed of the processed of the control of the		Percent of 4 kV System that is		28.44%	Percent of 4 kV circuit miles	Assess overall system hardening	for confirmation of status.
March of Concessions		Percent of 4 kV System that is	N/A - this program does not have	0	Percent of 4 kV circuit miles		
Martie of Column Colu		Number of Tree Attachments	N/A - this program does not have	973	Number of attachments		
Marchael of Marchael (1996)		Number of "Urgent" Vegetation				Assess overall system hardening	
Name of Part Controls   Married of Part Part Part Controls   Married of Part Part Part Part Part Part Part Part				34	Number of orders	Assess if vegetation management plan has reduced risk events	
Number of the Tenning		Number of "Urgent" Vegetation	0	0	Number of orders		
Number of Trans. Name and Wish and security   10   10   10   10   10   10   10   1				5378	Number of trees		
Author   Color State   Color						Determine if plan is on schedule	
Test Times Cream Control No.			a specific target	87	Number of trees	Determine if plan is on schedule	
Number of times   Part of the control of the control of times   Part of time		Tree Trimming Crews	0.15	0.306122449	Percent of OH system	Determine if plan is on schedule	
December of on Physical Part   1997							
Column   C		(Immediate risk of high potential	0	0	Number of Items		
Posterior for Consideration Consideration   Consideration		Items Idendified				Determine if plan is on schedule	
inspect to software principality of the control software plants (businessed and businessed plants for software plants for soft		Potential Non-Compliance					
Sees Control (2005) Whenther of Love 17 (2005) W			0	0	Number of Items		
Protection face Compliance (any section of the compliance (any controlling or to study) and the compliance (any controlling or to study) are protected in quest to study or controlling or o		Items Outstanding				Determine if plan is on schedule	
positional import to unform or witholling the missed of flams and flams or street of the sea should be considered. The complete of the sea of t		Potential Non-Compliance (Any					
Author of Local 20-05 Roseroal local Compliance (key) Roseroal Ros			<50	52	Number of Items		
Repetation for Compliance layer  the first field in State midwards potential impact to surface, and the state of the state midwards potential impact to surface, and the state of the state midwards potential impact to surface, and the state of the state						Determine if plan is on schedule	
Operations of the function of a function of		Number of Level 2 GO-95					Contracted 3rd party analysts or academic researchers could review
wealther funds to describe figure is on schedule  Number of crisi 3 Go 25 Potential Non-Compilance (May not of low potential impacts to a compilan	Operations	other risk of at least moderate	0	0	Number of Items		open as well as closed work orders,
Number of Local S. GO-95 Process Nan Local Compliance (Pay Procession Nan Local Compliance (Pay Procession Nan Local Compliance (Pay Procession Nan Local Impact to Associated Management of Local Compliance (Pay Procession Nan Local P						Datarmina if plan is an eshadula	as well as spot-checking select items
In six of low potential impact to subject or sixtility) tenso.  Subject or sixtility) tenso.  Number of servid 3 G0-95 Protestable for confidence play Protest						Determine it plan is on screedile	for confirmation of status.
Monitor Forward   50-05   Part		risk of low potential impact to	< 1500	139	Number Items		
Recepted any part of the proper						Determine if plan is on schedule	
risk of low potential impact to suffery or defaults or schedule  Number of Cross Miles Particular  Number of Cross Miles Impacts  Number of Cross Miles  Number of Statister trouble spots  Number of Cross Miles  Number of Cross Miles  Number of Cross Miles  Number of Cross Miles  Number of Statister trouble spots  Number of Cross Miles  Number of Statister trouble spots  Number of Statister trou		Number of Level 3 GO-95 Potential Non-Compliance (Any					
Anumber of Circust Miles Particles  Number of Circust Miles Inspected Profice Instructively Number of Circust Miles Inspected Profice Instructively Number of Circust Miles Inspected Profice Instructively Number of Force Instructively Number of Circust Miles Number of Number of Number of Number of Circust Miles Number of Pops events over time as an indicator of cha		risk of low potential impact to	0	0	Number Items		
Section   118		Outstanding				Determine if plan is on schedule	
Per GO-165 (detailed inspection) Number of Poles Instruscively Inspected Number of Poles Instruscively Inspected Number of Poles Inspected Number of Crust Miles of LDMA Service of Crust Miles of LDMA Number of LDMA trouble spots Number of LDMA trouble spots Number of LDMA trouble spots Number of Crust Miles of Exacter Service Number of Crust Miles of Exacter Number of Crust Miles of Exacter Service Number of Crust Miles of Exacter Number of Crust Miles of Exacter Service Number of Crust Miles of Exacter Number of Crust Miles of Exacter Service Number of Crust Miles of Exacter Service Number of Crust Miles of Exacter Number of Crust Miles of Exacter Service Number of Crust Miles of Exacter Number of Miles Number of Crust Miles Of Exacter Number of Miles Number of Crust Miles Of Exa			118	118.61	Number of Circuit Miles	Determine if plan is on schedule	
Number of Protes instrusively   45   46   Number of Poles   Determine if plan is on schedule		Number of Circuit Miles Inspected	12	12	Number of Circuit Miles		
Number of Poles Falling   NA   9   Number of Poles   Determine (Fighan is on schedule   Number of Poles   Determine (Fighan is on schedule   Number of Curcit Miles   Determine (Fighan is on schedule   Number of Curcit Miles   Determine (Fighan is on schedule   Number of Curcit Miles   Determine (Fighan is on schedule   Number of Curcit Miles   Determine (Fighan is on schedule   Number of Curcit Miles   Number of Cur					No. 1 CT	Determine if plan is on schedule	
Instruction Integration   NA   9   Number of Crount Miles		Inspected				Determine if plan is on schedule	
Survey Number of LiDAR troubles spots Number of LiDAR troubles spots Number of Exacter Survey Number of PSPS events over time as an indicator of changing climatic and weather survey Number of PSPS events over time as an indicator of changing climatic and weather survey Number of PSPS events over time as an indicator of changing climatic and weather survey Number of PSPS events over time as an indicator of changing climatic and weather survey Number of PSPS events over time as an indicator of changing climatic and weather survey Number of PSPS events over time as an indicator of changing climatic and weather survey Number of PSPS events over time as an indicator of changing climatic and weather survey Number of PSPS events over time as an indicator of changing climatic and weather survey Number of PSPS events over time as an indicator of changing climatic and weather survey Number of PSPS events over time as an indicator of changing climatic and weather survey Number of PSPS events over time as an indicator of changing climatic and weather survey survey survey Number of PSPS events over time as an indicator of changing climatic and weather survey survey		Instrussive Inspection	NA			Determine if plan is on schedule	
Number of Crust Miles of Exacter Survey  Number of Crust Miles of Exacter Survey  Number of Exacter trouble spots Number of Customer Service Calls About Tree Trinming Number of Customer Service Calls Number of Customer Service Calls Number of Survey Number of Number of Customer Service Calls Number of Number of Customer Service Calls Number of Number of Customer Service Calls Number of Number of Number of Customer Service Calls Number of Number of Number of Number of Customer Service Calls Number of N				0	Number of Circuit Miles	Determine if plan is on schedule	
Number of Circuit Miles of Exacter Survey  Number of Exacter trouble spots Number of Customer Service  Number of Number of Customer Service Calls Assess outsage impact on customers as a result of PSPS  Number of Customers Service  Number of Service Service  Number of Service		Number of LiDAR trouble spots	N/A - this program does not have a specific target	0	Number of spots		
Number of Exacter trouble spots  N/A - this program does not have a specific target  Number of Customer Service  Customer Service  Customer Service  SADI due to PSPS  N/A - this program does not have a specific target  N/A - this program does not have a specific target  N/A - this program does not have a specific target  N/A - this program does not have a specific target  N/A - this program does not have a specific target  N/A - this program does not have a specific target  N/A - this program does not have a specific target  Number of NFDRS "Very Dry" and "Dry" Days  N/A - this program does not have a specific target  Number of NFDRS "Very Dry" and "Dry" Days  Number of NFDRS "Very Dry" and a specific target  Number of PSPS Events  Number of PSPS Events  Number of PSPS Events  Now in the need for PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS Events  Now in the need for PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS Events  Now in the need for PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS Events  Now in this program does not have a specific target  Now in this program does not have a specific target  Number of PSPS Events  Now in the need for PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS Events  Now in the need for PSPS events over time as an indicator of changing climatic and weather patterns  Now in the need for PSPS events over time as an indicator of changing climatic and weather patterns  Now in the need for PSPS events over time as an indicator of changing climatic and weather patterns  Now in the need for PSPS events over time as an indicator of changing climatic and weather patterns  Now in the need for PSPS events over time as an indicator of changing climatic and weather patterns  Now in the need for PSPS events over time as an indicator of changing climatic and weather patterns  Now in the need for PSPS ev				120	Number of Circuit Miles		
Number of statest frozone spots  a specific target  Number of Customer Service  Customer Service  Customer Service  Assess outage impact on customers as a result of PSPS  Number of Customer Service Calls about Tree Trimming  NA - this program does not have a specific target  NA - this program does not have a specific target  Nounter of NPSPS  NA - this program does not have a specific target  Number of NPSPS events over time as an indicator of changing climatic and weather patterns  Number of NPSPS events over time as an indicator of changing climatic and weather patterns  Number of NPSPS events over time as an indicator of changing climatic and weather patterns  Number of NPSPS events over time as an indicator of changing climatic and weather patterns  Number of NPSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number						Assess if communications plan has reduced customer concerns and risk events	
Number of Customer Service  Author of Customer Service Calls    N/A - this program does not have a specific target  N/A - this program does not have a specific target  Number of NPDRS "Very Dry" and "Dry" Days  Number of NPDRS "Very Dry" and "Dry" Days  Number of NPDRS "Very Dry" and a specific target  Note that the part of NPDRS "Very Dry" and a specific target  Note that the part of NPDRS "Very Dry" and a specific target  Note that the part of NPDRS "Very Dry" and a specific target  Note that the part of NPDRS "Very Dry" and a specific target  Note that the part of NPDRS "Very Dry" and a specific target  Note that the part of NPDRS "Very Dry" and a specific target  Note that the part of NPDRS "Very Dry" and a specific target  Note that the part of NPDRS "Very Dry" and a specific target  Note that the part of NPDRS "Very Dry" and a specific target  Note that the part of NPDRS "Very Dry" and a specific target  Note that the part of NPDRS "Very Dry" and a specific target  Note that the part of NPDRS "Very Dry" and a specific target  Note that the part of NPDRS "Very Dry" and a spe		Number of Exacter trouble spots		10	Number of trouble spots	Assess outage impact on customers as a result of PSPS	
a specific target  All due to PSPS  N/A - this program does not have a specific target  Number of NFDRS "Very Dry" and "Dy "System Average Interruption Duration Index  Number of NFDRS "Very Dry" and "System Average Interruption Duration Index  Number of NFDRS "Very Dry" and specific target  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of NFDRS "Very Dry" and specific target  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS events over time as an indicator of changin	<del></del>	Number of C	NI/A Ablant	<del></del>			
Customer Service  SAIDI due to PSPS  N/A - this program does not have a specific target  Number of NPDRS "Very Dry" and "Dry" Days  Number of PSPS Events  Numbe				0	Number of Calls		Contracted 3rd party analysts or academic researchers could review
SAIDI due to PSPS	Customer Service					Monitor changing climatic and weather patterns	open as well as closed work orders,
SAID due to PSPS  a specific target  150  Duration Index  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Number of NFDRS "Very Dry" and "Dy" Days  Number of NFDRS "Very Dry" and specific target  Number of PSPS events  Number of PSPS events  Number of PSPS events  NA - this program does not have a specific target  Naminum recorded sustained winds. Recorded by NSVS—as second by NSVS—weather of the patterns  Naminum recorded sustained winds. Recorded by NSVS—weather of the patterns  Naminum recorded devided uniques to the patterns  Naminum recorded devided guids. Naminum recorded wing guits. Naminum recorded wing guits in the patterns. Naminum recorded wing guits in the patterns. Naminum recorded wing guits. Naminum recorded wing guits in the patterns. Naminum recorded wing guits in the program does not have a specific target. Naminum recorded wing guits in the patterns are indicator of changing climatic and weather patterns. Naminum recorded wing guits in the patterns. Naminum recorded wing guits in the patterns are indicator of changing climatic and weather patterns. Naminum recorded wing guits in the patterns are indicator of changing climatic and weather patterns. Naminum recorded wing guits in the patterns are indicator of			N/A - this program does not have		System Average Interruntion		as well as spot-checking select items
Number of NFDRS "Very Dry" and "Dry" Days a specific target 150 Number of Days Number of Days Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns.  Number of PSPS Events NA-1 this program does not have a specific target 0 Number of Events Maximum recorded sustained Maximum recorded sustained Ministrum recorded wind guts National Suspension of the PSPS events over time as an indicator of changing climatic and weather patterns Ministrum recorded wind guts National Suspension of the National Ministrum recorded wind guts National Suspension on the Very National Ministrum recorded wind guts National Suspension on the Very National Ministrum recorded wind guts National Suspension on the Very National Ministrum recorded wind guts Nationa		SAIDI due to PSPS		0		Monitor the need for PSPS events over time as an indicator of changing climatic and weather	for confirmation of status.
Number of NFDRS "Very Dry" and "DA" - this program does not have a specific target 150 Number of Days  Number of PSPS events over time as an indicator of changing climatic and weather absence that the patterns of the patte							
Weather Orlor Days  a specific target  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Maximum recorded sustained winds Recorded by NWS Maximum recorded sustained winds Recorded by NWS Maximum recorded vinds Recorded vinds Recorded by NWS Maximum recorded vinds Recorded							Contracted 3rd party analysts or academic researchers could review
Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Number of PSPS Events  Na. This program does not have a specific target and weather patterns  Maximum recorded sustained winds. Recorded by NVIS aspecific target a specific target and weather patterns  Maximum recorded sustained winds. Recorded by NVIS expenses to the specific target and weather appetrers.  Maximum recorded sustained winds. Recorded by NVIS expenses to the specific target and weather appetrers.  Maximum recorded winds (specific target)  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns.  MAX-this program does not have a specific target and weather appetrers.  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns.  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns.  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns.  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns.  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns.  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns.  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns.  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns.  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns.  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns.  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns.  Monitor the need for PSPS events over time as an indicator of changing climatic and wea	Weather Conditions			150	Number of Days		open as well as closed work orders,
Number of PSPS Events  N/A - this program does not have a specific target  Maximum recorded sustained winds Recorded by NYS  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Assemble turget  Assemble turget  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Maximum recorded wind guts  Maximum recorded wind guts  Namimum recorded wind weather  Namimum recorded wind guts  Namimum recorded wind wind weather  Namimum recorded wind		Dry Days	a specific target			Monitor the need for PSPS events over time as an indicator of changing climatic and weather	as well as spot-checking select items
Assimum recorded sustained winds Recorded by NVS.  Maximum recorded wind gusts  NA - this program does not have sa pacific target  Maximum recorded wind gusts  Maximum recorded wind y WS weather y with gust gust gust gust gust gust gust gust			N/A - this program do			patterns	for confirmation of status.
winds Recorded by NVS  Maximum recorded sustained winds Recorded by 8V5S Weather stations  Maximum recorded wind gusts  Maximum recorded wind gusts  Recorded by 8V5S Weather  Maximum recorded wind gusts  Recorded by NVSS  Recorded by NVSS  Maximum recorded wind gusts  Recorded by NVSS  Maximum recorded wind gusts  NA - this program does not have  33  Miles per Hour  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Miles per Hour  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Maximum recorded wind gusts  NA - this program does not have  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns  Monitor the need for PSPS events over time as an indicator of changin			a specific target	0	Number of Events	patterns	
Maximum recorded sustained vinits Recorded by 18th; weather specific target 97.8 Miles per Hour Monitor the need for PSPS events over time as an indicator of changing climatic and weather stations. Maximum recorded wind gusts Maximum recorded wind gusts National Stations of the specific target 97.8 Miles per Hour Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns Recorded by NSVs to the specific target 97.8 Miles per Hour Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns a specific target 97.8 Miles per Hour Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns a specific target 97.8 Miles per Hour Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns a specific target 97.8 Miles per Hour Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns are patterns as a pattern of the patterns of the patterns are patterns as a pattern of the patterns are patterns are patterns as a pattern of the patterns are patterns as a pattern of the patterns are patterns are patterns as a pattern of the patterns are patterns are patterns as a pattern of the patterns are				33	Miles per Hour		
Stations and Stati			N/A - this program does not have	77.8	Miles per Hour	Monitor the need for PSPS events over time as an indicator of changing climatic and weather	
Recorded by NWS a specific target 33 when specific hour patterns  Maximum recorded wind gusts Benowled by RMS Weather N/A - this program does not have 77.9 Miles ner Hour Monitor the need for PSPS exents rought from the need from the need for PSPS exents rought from the need from th		Stations Maximum recorded wind gusts	N/A - this program does not have	53	Miles ner Hour	patterns  Monitor the need for PSPS events over time as an indicator of changing climatic and weather	
Recorded by BVES Weather IV/A - this program does not have 77.8 Miles per Hour Monitor the need for DSDS events over time as an indicator of changing climatic and weather		Recorded by NWS Maximum recorded wind gusts	a specific target			patterns	
		Recorded by BVES Weather		77.8	Miles per Hour	Monitor the need for PSPS events over time as an indicator of changing climatic and weather	Contracted 3rd party analysts or

PSPS	Frequency of sustained high winds (number of days sustained wind > 50 mph) recorded by NWS	N/A - this program does not have a specific target	0	Number of Days	Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns	academic researchers could review open as well as closed work orders, BVES GIS databases, staff interviews, as well as spot-checking select items
	Frequency of sustained high winds (number of days sustained wind > 50 mph) recorded by BVES weather stations	N/A - this program does not have a specific target	2	Number of Days	Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns	for confirmation of status.
	Frequency of high wind gusts (number of days wind gusts > 50 mph) recorded by NWS	N/A - this program does not have a specific target	1	Number of Days	Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns	
	Frequency of high wind gusts (number of days wind gusts > 50 mph) recorded by BVES weather stations	N/A - this program does not have a specific target	2	Number of Days	Monitor the need for PSPS events over time as an indicator of changing climatic and weather patterns	

Note: The "2019 Performance" column only captures data from June 2019 [2019 WMP implementation start) to January 2020. Some "Program Targets" are estimates for May 2020 (2019 WMP end) based on June 2019-January 2020 performance.

Table 5: Accidental deaths due to utility wildfire mitigation initiatives, last 5 years

Activity								Victim								
Activity		Fu	III-time employ	ee				Contractor				P	Member of pub	lic		Total
Year	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	
Inspection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vegetation management	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utility fuel management	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grid hardening	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 6: OSHA-reportable injuries due to utility wildfire mitigation initiatives, last 5 years

Activity		Victim														
Activity		F	ull-time employ	/ee				Contractor				P	Nember of pub	lic		Total
Year	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019	
Inspection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vegetation management	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Utility fuel management	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grid hardening	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	

Note: On July 19, 2018, a line worker and the owner of Teele Tree Services made contact with a high voltage power line and sustained non-fatal injuries. The injury did not require reporting under CalOSHA guidelines but BVES chose to report the incident.

Table 7: Methodology for potential impact of ignitions Reponse to WSD data request item BVES-43879-B-135

List of all data inputs used in impact simulation	Sources of data inputs	Data selection and treatment methodologies	Assumptions, including SME input	Equation(s), functions, or other algorithms used to obtain output	Output type(s), e.g., wind speed model	Comments
N/A - Bear Valley Electric Service does not have a proprietary model or methodology for evaluating the potential impact of ignitions. The utility's Subject Matter Expert evaluates the frequency of potential ignition events versus a set of impact categories (reliability, compliance, quality of service, safety and environmental) to develop total risk impact and scores.	does not have a proprietary model or methodology for	does not have a proprietary model or methodology for	N/A - Bear Valley Electric Service does not have a proprietary model or methodology for evaluating the potential impact of ignitions. The utility's subject Matter Expert evaluates the frequency of potential ignition events versus a set of impact categories (reliability, compliance, quality of service, safety and environmental) to develop total risk impact and scores.	does not have a proprietary model or methodology for	N/A - Bear Valley Electric Service does not have a proprietary model or methodology for evaluating the potential impact of ignitions. The utility's Subject Matter Expert evaluates the frequency of potential ignition events wersus as et of impact categories (reliability, compliance, quality of service, safety and environmental) to develop total risk impact and scores.	N/A - Bear Valley Electric Service does not have a proprietary model or methodology for evaluating the potential impact of ignitions. The utility's Subject Matter Expert evaluates the frequency of potential ignition events versus a set of impact categories (reliability, compliance, quality of service, safety and environmental) to develop total risk impact and scores.

#### Table 8: Map file requirements for recent and modelled conditions of utility service territory, last 5 years

Layer name	Measurements	2015	2016	2017	2018	2019	Average	Units	Attachment location	Comments
	Average annual number of Red Flag Warning days per square mile across service territory	0.0912	0.4427	0.4909	0.3307	0.1979	0.3107	Area, days, square mile resolution		BVES's service territor is 32 square miles
Recent weather patterns	Average 95 <sup>th</sup> percentile wind speed and prevailing direction (actual)	N/A - BVES is unable to provide this data at this time	N/A - BVES is unable to provide this data at this time	N/A - BVES is unable to provide this data at this time	N/A - BVES is unable to provide this data at this time	N/A - BVES is unable to provide this data at this time	N/A - BVES is unable to provide this data at this time	Area, miles per hour, at a square mile resolution or better, noting where measurements are actua	N/A - BVES is unable to provide this data at this time	BVES is unable to provide this data for
	Average 99 <sup>th</sup> percentile wind speed and prevailing direction (actual)	N/A - BVES is unable to provide this data at this time	N/A - BVES is unable to provide this data at this time	N/A - BVES is unable to provide this data at this time	N/A - BVES is unable to provide this data at this time	N/A - BVES is unable to provide this data at this time	N/A - BVES is unable to provide this data at this time	or interpolated		each year at this time
Recent drivers of ignition probability	Date of recent ignitions categorized by ignition probability driver	N/A - No event of this type occurred during the 2015 - 2019 period; not applicable.		of this type occurred during	N/A - No event of this type occurred during the 2015 - 2019 period; not applicable.	of this type occurred during	of this type occurred during	Point, GPS coordinate, days, square mile resolution	N/A - No event of this type occurred during the 2015 - 2019 period; not applicable.	BVES has not had any recent ignitions
Recent use of PSPS	Duration of PSPS events and area of the grid affected in customer hours per year	N/A - No event of this type occurred during the 2015 - 2019 period; not applicable.		of this type occurred during	N/A - No event of this type occurred during the 2015 - 2019 period; not applicable.	of this type occurred during	of this type occurred during	Area, customer hours, square mile resolution	N/A - No event of this type occurred during the 2015 - 2019 period; not applicable.	BVES has not had any recent use of PSPS

Note:
BVES is unable to provide the above requested data in GIS map file format at

Map (like regishments for healthic condition of allife sends to influency projected for 2020

Market RNSS is solid to require control of the first are required in 65 forms at 1 time. The 55 fixely provided with this WNAP
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list in less in refer that "according of Wallesh Storine" represent placental less additions.

Laver Name	Measurements/Variables	Value	Unit(s)	Appendix Location
	Non-HFTD vs HFTD (Zone 1, Tier 2, Tier 3) regions of utility service territory	N/A - BVES does not have this information at thist ime	Area, square mile resolution per type	
Current baseline state of service territory and autility equipment	Urban vs. rural vs. highly rural regions of utility service territory	N/A - BVES does not have this information at thist ime	Area, square mile resolution per type	N/A - BVES does not have this information at thist ime
	WUI regions of utility service territory	N/A - BVES does not have this information at thist ime	Area, square mile resolution per type	

Layer Name	Measurements/Variables	Critical Facility	Address	GPS Coordinate	Unit(s)	Appendix Location
		City of Big Bear Lake (CBBL)	39707 Big Bear Blvd. Big Bear Lake, CA	34.238138, -116.935334		
		Big Bear Fire Department	41090 Big Bear Blvd. Big Bear Lake CA	34.244454, -116.905308		
		Mountaintop Ranger District, U.S. Forest Service	41374 North Shore Drive, Hissay 38 Fawnskin, CA 92333	34.263421, -116.900904		
		San Bernardino County Sherriff's Department Big Bear Lake Patrol Station	477 Summit Blvd. Big Bear Lake, CA 92315	34.243900, -116.887824		
		Big Bear Area Regional Wastewater Agency (BBARWA)	121 Palomino Dr, Big Bear City, CA 92314	34.267869, -116.814973		
		Big Bear City Community Services District (CSD)	139 E. Big Bear Blvd. Ca 92314	34.261530, -116.844248		
Current baseline state of service territory and autility	Number and location of critical facilities	Big Bear Lake Water Department (DWP)	41972 Garstin Dr. Big Bear Lake, CA 92315	34.246650, -116.886294	Point, GPS Coordinate	N/A
equipment	received and received of Criscal receives	Big Bear Municipal Water District (MWD)	40524 Lakeview CT, Big Bear Lake, CA 92315	34.242787, -116.917948	Point, GPS Coordinate	N/A
		Southwest Gas Corporation	140 Business Center Dr. Big Bear Lake, CA 92315	34.249530, -116.888579		
		Bear Valley Community Hospital	41870 Garstin Dr. Big Bear Lake, Ca 92315	34.246529, -116.881211		
		Bear Valley Unified School District	42271 Moonridge Rd. CA 92315	34.242345, -116.881211		
		Big Bear Chamber of Commerce	630 Bartlett Rd. Big Bear Lake, CA 92315	34.241133, -116.912336		
		Big Bear Airport District	501 W. Valley Blvd. Big Bear City, CA 92314	34.261844, -116.853605		
		Big Bear Mountain Resort/ Summit	880 Summit Blvd. Big Bear Lake, Ca 92315	34.236417, -116.889272		

Layer Name	Measurements/Variables	Value	Unit(s)	Appendix Location	
	Number and location of customers	N/A - BVES does not have this information at thist ime	Area, number of people, square mile resolution		
	Numer and Location of customers belonging to acces and functional needs populations	N/A - GVES does not have this information at thist ime	Area, number of people, square mile resolution	N/A	
	Overhead transmission lines	N/A - BVES does not have this information at thist ime	Line, quarter mile resolution		
	Overhead distribution lines	N/A - BVES does not have this information at thist ime	Line, quarter mile resolution		

		Bear Mountain Sub	Lassen Dr., 1500 Ft W/O Primrose dr. big Bear City, 92314	34.224328, -116.857868	1		
		Division Sub	150' W/O Division Dr. Big Bear Lake, 92314	34.261855, -116.866588			
		Farenskin Sub	S/E Corner of Mast Dr. Bir Bear Lake. 92314	34.261406116.882163	1		
		Lake Sub	Garstin Dr. N/O Fox Farm Rd, Big Bear Lake, 92315	34.253290, -116.891879	1		
urrent baseline state of service territory and autility		Malthy Sub	5/E Corner of Maltby Blvd. & Shore Dr. Big Bear City, 92314	34.266335, -116.830982			
Location of Substations	Maple Sub	N/O Baldwin Ln & 500' W/O Maple Ln. Bir Bear City. 92314		Point, GPS Coordinate	6.4		
upment		Meadow Sub	N/O 42020 Garstin Dr. Big Bear Lake, 92315	34.247049, -116.885375	1		
		Moonridge Sub	S/E Conner of Clubview Dr. & Clover Dr. Big Bear Lake, 92315	34.226772, -116.863810			
		Palomino Sub	N/O Shay Rd & E/O Palomino Dr. Big Bear City, 92314	34.268660, -116.814846			
		Pine Knot Sub	S/E Comer of Laboritan Dr. & Georgia St. Big Bear Lake, 92315	34.245323, -116.900342			
		Summit Sub	S/W Corner of Summit Blvd, Snow Summit Parking Lot, Big Bear Lake 92315	34.236216, -116.889647	1		
		Village Sub	150' W/O Knickerbocker Rd Big Bear Lake, 92315	34.240145, -116.910389			
Layer Name	Measurement/syariables	Weather Station Name	X	Y	Pole #	Unit(s)	Appendix Location
		Boulder	6882767.31835688	1910907.25969201	125248V		
		Radford	6892602.18168080	1897637.83429690	121885V		
		Clubview	6903791.35668582	1911748.75614971	131178V		
		Garatin	6897851.88115513	1913880.76244089	130508V		
		Frain	6926748.82992281	1909355.71965373	126718V		
		Sunrise	6917065.08124572	1917065.08124572	97846V		
		North Shore	6871890.65026930	1913238.01733531	69846V		
		Immerita	6883474.20244181	1914092.67622142	110548V		
		Goldmine	6911505.43455663	1907868.05465005	73190V		
rrent baseline state of service territory and autility	Inceting of Weather Stations	Baldwin	6920144.53342013	1931400.02595873	101708V	Point, GPS Coordinate	N/A
pulpment		Pinnear	6927051.82242705	1920353.18781623	119678V		
		Farenskin	6883614.95687313	1920094.83006522	125358V		
		Sie Bear Dam	6870626.31191872	1912112.98119956	1210284CTC		
		Superiorf	6913024.86393248	1912860.05418047	50268V		
		Lake Williams	6932440.04655872	1909063.86361015	9607EV		
		2N10	6891981.36336863	1902964.04116414	4254BV		
		Erwin Lake	6924113.84897231	1912944.49659689	70258V		

Layer Name	Measurement/svariables	Value	Unit(s)	Appendix Location				
Current baseline state of service territory and autility equipment	All utility assets by asset type, model, age, specifications, and condition	N/A - BVES does not have this information at thist ime	Point, GPS Coordinate	N/A				
Laver Name	Measurement/syariables	Value	Unit(s)	Appendix Location				
	Non-HFTD vs HFTD (Zone 1, Tier 2, Tier 3) regions of utility service territory	N/A - BVES does not have this information at thist ime	Line, quarter mile resolution					
Location of planned utility equipment additions or removal	Urban vs. rural vs. highly rural regions of utility service	N/A - BVES does not have this information at thist ime	Line, quarter mile resolution	N/A				
Location of planned utility equipment additions of removal	WUI regions of utility service territory	N/A - BVES does not have this information at thist ime	Line, quarter mile resolution	N/A				
	Circuit miles of overhead transmission lines	N/A - BVES does not have this information at thist ime	Line, quarter mile resolution					
	Circuit miles of overhead distribution lines	N/A - BVES does not have this information at thist ime	Line, quarter mile resolution	ì				
	Location of substations	N/A - EVES does not have this information at thist ime	Point, GPS coordinate					
Laver Name	Measurement/svariables	Value	Unit(s)	Appendix Location				
Planned 2020 WMP initiative activity per year	Location of 2020 WMP initiative activity for each activity as planned to be completed by the end of each year of the plan term	N/A - DVES does not have this information at thist ime	Line, quarter mile resolution	N/A				

# Table 10: Weather patterns, last 5 years Response to WSD data request item BVES-43:

WSD data request item BVES-43879-I-143										
Weather measurement	2015	2016	2017	2018	2019	5-year historical average	Unit(s)			
Red Flag Warning days	614.93	2,986.55	3,311.40	2,231.00	1,335.06	2,095.79	RFW circuit mile days per year			
Days rated at the top 30% of proprietary fire potential index or similar fire risk index measure	107	151	118	129	87	118.40	Circuit mile days where proprietary measure rated above top 30% threshold per year			
95 <sup>th</sup> percentile wind conditions	5,691.87	8,221.59	8,643.21	6,956.73	14,967.51	8,896.18	Circuit mile days with wind gusts over 95th percentile historical (meaning the prior 10 years, 2005-2014) conditions per year			
99 <sup>th</sup> percentile wind conditions	1,897.29	2,318.91	2,318.91	1,686.48	6,535.11	2,951.34	Circuit mile days with wind gusts over 99th percentile historical (meaning the prior 10 years, 2005-2014) conditions per year			
Other	N/A - Bear Valley Electric Service cannot provide data on any other weather patterns to the specificity requested at this time	N/A - Bear Valley Electric Service cannot provide data on any other weather patterns to the specificity requested at this time	N/A - Bear Valley Electric Service cannot provide data on any other weather patterns to the specificity requested at this time	N/A - Bear Valley Electric Service cannot provide data on any other weather patterns to the specificity requested at this time	N/A - Bear Valley Electric Service cannot provide data on any other weather patterns to the specificity requested at this time	N/A - Bear Valley Electric Service cannot provide data on any other weather patterns to the specificity requested at this time	N/A - Bear Valley Electric Service cannot provide data on any other weather patterns to the specificity requested at this time			

Note:

BVES uses a contracted meteorologist that integrates data from the NFDRS, National Weather Service, and local real-time data from BVES' distributed weather stations (to account for local micro-climates) to ultimately assess relative local fire danger and risk. Reports are normally given weekly, and more often — up to several times a day — during heightened threat conditions. Operations personnel and leadership receive automated real-time alerts from BVES' weather stations when local winds exceed thresholds.

Navigant Consulting, Inc. (Navigant) assessed the NFDRS and estimated fire ratings of Brown ("Very Dry") or more severe as falling within the top 30% of the NFDRS.

When calculating circuit-mile days, Navigant multiplied the corresponding metric (RFW days, 95th/99th percentile wind conditions days) by the total number of overhead circuit miles in BVES' service territory, assuming that underground circuit miles are unaffected by wind conditions. Including underground circuit miles in this calculation would deflate the actual assessment of risk posed by wind and other wildfire-risk conditions. When a Red Flag Warning Is issued for the San Bernardino Mountains, - including Big Bear Valley, which encompasses the entirey of BVES' service territory - the Warning applies to 100% of BVES' service territory.

Table 11: Key recent drivers of ignition probability, last 5 years

					Number of inc	idents per yea	r			Average per	entage probab	oility of ignition	per incident			Numbe	r of ignitions p	er year from th	nis driver	
Incident type by ignition probability driver		Near misses tracked (y/n)?	2015	2016	2017	2018	2019	Average	2015	2016	2017	2018	2019	Average	2015	2016	2017	2018	2019	Average
	All types of object contact	Υ	6	35	12	8	4	13	0%	0%	0%	0%	0%	0%	0	0	0	0	0	0
Contact from object	Animal contact	Y	0	0	1	1	1	0.6	0%	0%	0%	0%	0%	0%	0	0	0	0	0	0
	Balloon contact	Y	0	1	0	0	0	0.2	0%	0%	0%	0%	0%	0%	0	0	0	0	0	0
	Veg. contact	Y	6	34	11	7	3	12.2	0%	0%	0%	0%	0%	0%	0	0	0	0	0	0
	Vehicle contact	Y	0	0	0	0	0	0	0%	0%	0%	0%	0%	0%	0	0	0	0	0	0
	All types	Y	40	40	42	23	16	32.2	0%	0%	0%	0%	0%	0%	0	0	0	0	0	0
	Capacitor bank failure	Υ	0	0	0	0	0	0	0%	0%	0%	0%	0%	0%	0	0	0	0	0	0
	Conductor failure—all	Υ	0	3	0	0	3	1.2	0%	0%	0%	0%	0%	0%	0	0	0	0	0	0
All types of equipment / facility	Conductor failure—wires down	Υ	0	3	0	0	3	1.2	0%	0%	0%	0%	0%	0%	0	0	0	0	0	0
failure	Fuse failure—all	Y	18	15	20	12	4	13.8	0%	0%	0%	0%	0%	0%	0	0	0	0	0	0
ianuie	Fuse failure—conventio nal blown fuse	Υ	18	15	20	10	4	13.4	0%	0%	0%	0%	0%	0%	0	0	0	0	0	0
	Lightning arrestor failure	Υ	0	0	0	0	0	0	0%	0%	0%	0%	0%	0%	0	0	0	0	0	0
	Switch failure	Y	0	0	0	0	0	0	0%	0%	0%	0%	0%	0%	0	0	0	0	0	0
	Transformer failure	Υ	4	4	2	1	2	2.6	0%	0%	0%	0%	0%	0%	0	0	0	0	0	0
Wire-to-wire contact / contaminal	tion	Υ	0	0	1	1	2	0.8	0%	0%	0%	0%	0%	0%	0	0	0	0	0	0
Other		v	0	1	0	0	0	0.2	0%	0%	0%	0%	0%	0%	0	0	0	0	0	0

**Note:** In 2018, an umbrella was caught in one of BVES's overhead distribution lines.

Table 12: Recent use of PSPS, last 5 years

PSPS characteristic	2015	2016	2017	2018	2019	Unit(s)
Frequency of PSPS events (total)	0	٥	0	0	٥	Number of instances where utility operating protocol requires de-energization of a
riequelicy of F3F3 events (total)	U	U	U	U	0	circuit or portion thereof to reduce ignition probability, per year
						Number of instances where utility operating protocol requires de-energization of a
Frequency of PSPS events (normalized)	0	0	0	0	0	circuit or portion thereof in order to reduce ignition probability, per RFW circuit mile day
						per year
	N/A - BVES did not	Circuit-events, measured in number of events multiplied by number of circuits de-				
Scope of PSPS events (total)	have any PSPS events					
	in this year	energized per year				
	N/A - BVES did not	Circuit-events, measured in number of events multiplied by number of circuits targeted				
Scope of PSPS events (normalized)	have any PSPS events	for de-energization per RFW circuit mile day per year				
	in this year	Tor de-energization per Krw circuit mile day per year				
	N/A - BVES did not					
Duration of PSPS events (total)	have any PSPS events	Customer hours per year				
	in this year					
	N/A - BVES did not					
Duration of PSPS events (normalized)	have any PSPS events	Customer hours per RFW circuit mile day per year				
	in this year					
	N/A - no other PSPS-					
Other	,	related data to report		related data to report	,	N/A - no other PSPS-related data to report
	related data to report					

Note: BVES has not had any recent use of PSPS over the 2015-2019 period.

Table 13: Current baseline state of service territory and utility equipment

Land use	Characteristic tracked				
		In non-HFTD N/A - Bear Valley Electric	In HFTD Zone 1 N/A - Bear Valley Electric	In HFTD Tier 2 N/A - Bear Valley Electric	In HFTD Tier 3 N/A - Bear Valley Electric
		Service does not have any	Service does not have any	Service does not have any	Service does not have any
	Circuit miles	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's
		service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
		rural.	rural.	rural.	rural.
		N/A - Bear Valley Electric Service does not have any	N/A - Bear Valley Electric Service does not have any	N/A - Bear Valley Electric Service does not have any	N/A - Bear Valley Electric Service does not have any
	Circuit miles in WUI	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's
	Circuit mics in 1701	service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
		rural.	rural.	rural.	rural.
		N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric
		Service does not have any	Service does not have any	Service does not have any	Service does not have any
	Number of critical facilities	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's
		service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
		rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric
		Service does not have any	Service does not have any	Service does not have any	Service does not have any
	Number of critical facilities in WUI	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's
		service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
		rural.	rural.	rural.	rural.
		N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric
		Service does not have any	Service does not have any	Service does not have any	Service does not have any
	Number of customers	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's
		service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
		rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric
		Service does not have any	Service does not have any	Service does not have any	Service does not have any
	Number of customers in WUI	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's
		service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
		rural.	rural.	rural.	rural.
		N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric
		Service does not have any	Service does not have any	Service does not have any	Service does not have any
	Number of customers belonging to access and functional needs populations	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's
		service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
In urban areas		rural.	rural. N/A - Bear Valley Electric	rural.	rural.
		N/A - Bear Valley Electric	,	N/A - Bear Valley Electric	N/A - Bear Valley Electric
	Number of customers belonging to access and functional needs populations in WUI	Service does not have any	Service does not have any	Service does not have any	Service does not have an
	reamber of customers belonging to access and functional needs populations in WUI	urban areas. The utility's service territory is entirely	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's service territory is entirel
		service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	
		N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric
		Service does not have any	Service does not have any	Service does not have any	Service does not have an
	Circuit miles of overhead transmission lines	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's
		service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
		rural.	rural.	rural.	rural.
		N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric
		Service does not have any	Service does not have any	Service does not have any	Service does not have an
	Circuit miles of overhead transmission lines in WUI	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's
		service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirel
		rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric
		Service does not have any	Service does not have any	Service does not have any	Service does not have an
	Circuit miles of overhead distribution lines	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's
		service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
		rural.	rural.	rural.	rural.
	flow the college of a constant of distribution lines to 1000	N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric
		Service does not have any	Service does not have any	Service does not have any	Service does not have any
	Circuit miles of overhead distribution lines in WUI	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's	urban areas. The utility's
			service territory is entirely	service territory is entirely	service territory is entirely
		service territory is entirely			
		rural.	rural.	rural.	rural.
		rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric
	Number of substations	rural.  N/A - Bear Valley Electric  Service does not have any	rural. N/A - Bear Valley Electric Service does not have any	rural.  N/A - Bear Valley Electric  Service does not have any	rural. N/A - Bear Valley Electric Service does not have an
	Number of substations	rural.  N/A - Bear Valley Electric  Service does not have any urban areas. The utility's	rural.  N/A - Bear Valley Electric  Service does not have any urban areas. The utility's	rural.  N/A - Bear Valley Electric  Service does not have any urban areas. The utility's	rural.  N/A - Bear Valley Electric Service does not have an urban areas. The utility's
	Number of substations	rural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.	nural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely	rural.  N/A - Bear Valley Electric  Service does not have any  urban areas. The utility's  service territory is entirely	rural.  N/A - Bear Valley Electric Service does not have an urban areas. The utility's service territory is entirel
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	Number of substations  Number of substations in WUI	rural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's	rural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's	rural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's	N/A - Bear Valley Electric Service does not have an urban areas. The utility's service territory is entirel rural. N/A - Bear Valley Electric Service does not have an urban areas. The utility's
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	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural 263.62  0.00	ural.  N/A - Bear Valley Electri Service does not have an urban areas. The utility's service territory is entirel rural.  N/A - Bear Valley Electri Service does not have an urban areas. The utility's service territory is entirel rural.  1.27  0.00  0.00
	Number of substations in WUI  Circuit miles  Circuit miles in WUI	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  263.62  0.00	ural.  N/A - Bear Valley Electri Service does not have an urban areas. The utility's service territory is entire rural.  N/A - Bear Valley Electri Service does not have an urban areas. The utility's service territory is entire rural.  1.27
	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural 263.62  0.00	ural.  N/A - Bear Valley Electri Service does not have an urban areas. The utility: service territory is entrie!  N/A - Bear Valley Electri Service does not have an urban areas. The utility: service territory is entrie!  1.27  0.00  0.00
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	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities  Number of critical facilities in WUI	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  263.62  0.00	Ural.  N/A - Bear Valley Electri Service does not have an urban areas. The utility: service territory is entire rural.  N/A - Bear Valley Electri Service does not have an urban areas. The utility: service territory is entire rural.  1.27  0.00  0.00
	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural 263.62  0.00	Ural.  N/A - Bear Valley Electri Service does not have an urban areas. The utility's service territory is entire rural.  N/A - Bear Valley Electri Service does not have an urban areas. The utility's service territory is entire rural.  1.27  0.00  0.00
	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities  Number of critical facilities in WUI	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  263.62  0.00	Ural.  N/A - Bear Valley Electri Service does not have an urban areas. The utility: service territory is entire rural.  N/A - Bear Valley Electri Service does not have an urban areas. The utility: service territory is entire rural.  1.27  0.00  0.00
	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities  Number of critical facilities in WUI	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  263.62  0.00	nural. N/A - Bear Valley Electric Service does not have ar a urban areas. The utility service territory is entire rural. N/A - Bear Valley Electric Service does not have ar urban areas. The utility service territory is entire rural.  1.27  0.00  0.00
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	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities  Number of critical facilities in WUI	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  263.62  0.00	nural. N/A - Bear Valley Electric Service does not have ar a urban areas. The utility service territory is entire rural. N/A - Bear Valley Electric Service does not have ar urban areas. The utility service territory is entire rural.  1.27  0.00  0.00
	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities  Number of critical facilities in WUI  Number of customers	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely  N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  263.62  0.00  14  0.00  24,424  N/A - no data available	N/A - Bear Valley Electric Service does not have an urban areas. The utility's service territory is entire rural.  N/A - Bear Valley Electric Service does not have an urban areas. The utility's environment of the urban areas. The utility's environment of the utility's environment of the utility's environment of the utility service territory is entire rural.  1.27  0.00  0.00  0.00  0.00
In nival areas	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities  Number of critical facilities in WUI  Number of customers	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely entering the service territory is entirely a not service territory is entirely a not service territory is entirely rural.  N/A - Bear Valley Electric Service territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  263.62  0.00  14  0.00  24,424  N/A - no data available	N/A - Bear Valley Electric Service does not have an urban areas. The utility's service territory is entire rural.  N/A - Bear Valley Electric Service does not have an urban areas. The utility's environment of the urban areas. The utility's environment of the utility's environment of the utility's environment of the utility service territory is entire rural.  1.27  0.00  0.00  0.00  0.00
In rural areas	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities  Number of critical facilities in WUI  Number of customers	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely  N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  263.62  0.00  14  0.00  24,424  N/A - no data available	N/A - Bear Valley Electri Service does not have an urban areas. The utility's service territory is entire rural. N/A - Bear Valley Electri Service does not have an urban areas. The utility's service territory is entire rural.  1.27  0.00  0.00  0.00  0.00
In rural areas	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities  Number of critical facilities in WUI  Number of customers  Number of customers in WUI  Number of customers belonging to access and functional needs populations	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely entried by the service territory is entirely arban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  263.62  0.00  14  N/A - no data available  0.00	Ural.  N/A - Bear Valley Electri Service does not have an urban areas. The utility's service territory is entire!  N/A - Bear Valley Electri Service does not have an urban areas. The utility's service does not have an urban areas. The utility's service territory is entire!  1.27  0.00  0.00  0.00  0.00
In rural areas	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities  Number of critical facilities in WUI  Number of customers	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  263.62  0.00  14  0.00  24,424  N/A - no data available	ural.  N/A - Bear Valley Electri Service does not have an urban areas. The utility: service territory is entire!  Tural.  N/A - Bear Valley Electri Service does not have an urban areas. The utility: service territory is entire!  1.27  0.00  0.00  0.00
In rural areas	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities  Number of critical facilities in WUI  Number of customers  Number of customers in WUI  Number of customers belonging to access and functional needs populations	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely entried by the service territory is entirely arban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  263.62  0.00  14  N/A - no data available  0.00	Ural.  N/A - Bear Valley Electri Service does not have an urban areas. The utility's service territory is entire!  N/A - Bear Valley Electri Service does not have an urban areas. The utility's service does not have an urban areas. The utility's service territory is entire!  1.27  0.00  0.00  0.00  0.00
In rural areas	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities  Number of critical facilities in WUI  Number of customers  Number of customers in WUI  Number of customers belonging to access and functional needs populations	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural. N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  263.62  0.00  14  0.00  24,424  N/A - no data available  0.00	ural.  N/A - Bear Valley Electri Service does not have an urban areas. The utility's service territory is entire!  N/A - Bear Valley Electri Service does not have an urban areas. The utility's service does not have an urban areas. The utility's service territory is entire!  1.27  0.00  0.00  0.00  0.00  0.00
In rural areas	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities  Number of critical facilities in WUI  Number of customers  Number of customers in WUI  Number of customers belonging to access and functional needs populations	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely urban areas. The utility's service territory is entirely urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  263.62  0.00  14  0.00  24,424  N/A - no data available  N/A - no data available  N/A - Bear Valley Electric	ural.  N/A - Bear Valley Electric Service does not have an urban areas. The utility's service territory is entire!  N/A - Bear Valley Electric Service does not have an urban areas. The utility's service does not have an urban areas. The utility's service territory is entire!  1.27  0.00  0.00  0.00  0.00  0.00
In rural areas	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities  Number of critical facilities in WUI  Number of customers  Number of customers in WUI  Number of customers belonging to access and functional needs populations in WUI	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely entried by the service territory is entirely arban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely nural.  263.62  0.00  14  0.00  24,424  N/A - no data available  0.00  N/A - no data available  N/A - Bear Valley Electric Service does not have any	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirel Fural N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirel rural.  1.27  0.00  0.00  0.00  0.00  0.00
In rural areas	Number of substations in WUI  Circuit miles  Circuit miles in WUI  Number of critical facilities  Number of critical facilities in WUI  Number of customers  Number of customers in WUI  Number of customers belonging to access and functional needs populations	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely urban areas. The utility's service territory is entirely urban areas. The utility's service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3  N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirely rural.  263.62  0.00  14  0.00  24,424  N/A - no data available  N/A - no data available  N/A - Bear Valley Electric	N/A - Bear Valley Electric Service does not have any urban areas. The utility's service territory is entirel rural N/A - Bear Valley Electric Service does not have any urban areas. The utility's service does not have any urban areas. The utility's service territory is entirel rural  1.27  0.00  0.00  0.00  0.00  0.00

	Circuit miles of overhead transmission lines in WUI	N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	0.00	0.00
	Circuit miles of overhead distribution lines	N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	209.54	1.27
	Circuit miles of overhead distribution lines in WUI	N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	0.00	0.00
	Number of substations	N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	13	0.00
	Number of substations in WUI	N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	N/A - Bear Valley Electric Service's Service Territory is entirely HFTD 2 or 3	0.00	0.00
	Circuit miles	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely rural.	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely rural.	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely rural.
	Circuit miles in WUI	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely
	Number of critical facilities	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely	rural. N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	rural. N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	rural. N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely
	Number of critical facilities in WUI	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely
	Number of customers	n/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	nural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely
	Number of customers in WUI	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely	nural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely
	Number of customers belonging to access and functional needs populations	rural. N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	nural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely	rural. N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely
In highly rural areas	Number of customers belonging to access and functional needs populations in WUI	nural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely
	Circuit miles of overhead transmission lines	nural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's service territory is entirely
	Circuit miles of overhead transmission lines in WUI	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely
	Circuit miles of overhead distribution lines	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's  service territory is entirely	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	rural.  N/A - Bear Valley Electric  Service does not have any highly rural areas. The utility's  service territory is entirely	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely
	Circuit miles of overhead distribution lines in WUI	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely rural.	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely rural.	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely rural.
	Number of substations	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely
	Number of substations in WUI	n/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	rural. N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	rural. N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely	rural.  N/A - Bear Valley Electric Service does not have any highly rural areas. The utility's service territory is entirely
<u> </u>	l	rural.	rural.	rural.	rural.

Note: BVES does not have any urban or highly rural areas within its service territory. The utility's service territory is entirely rural and either HFTD Tier 2 or Tier 3.

The utility does not have any transmission lines as all of its lines are below 65 kV.

BVES has not tracked which portions of its distribution system and other utilty-owned infrastructure or assets are located in WUI-designated areas.

Table 14: Summary data on weather station count

Weather station count type	Current count	Unit(s)
Number of weather stations (total)	11	Total number located in service territory and operated by utility
Number of weather stations (normalized)	0.0522	Total number located in service territory and operated by utility, divided by total number of circuit miles in utility service territory
Number of weather stations in non-HFTD (total)	0	Total number located in non-HFTD service territory and operated by utility
Number of weather stations in non-HFTD (normalized)	0	Total number located in non-HFTD service territory and operated by utility, divided by total number of circuit miles in non-HFTD service territory
Number of weather stations in HFTD Zone 1 (total)	0	Total number located in HFTD Zone 1 service territory and operated by utility
Number of weather stations in HFTD Zone 1 (normalized)	0	Total number located in HFTD Zone 1 service territory and operated by utility, divided by total number of circuit miles in HFTD Zone 1 service territory
Number of weather stations in HFTD Tier 2 (total)	10	Total number located in HFTD Tier 2 service territory and operated by utility
Number of weather stations in HFTD Tier 2 (normalized)	0.0477	Total number located in HFTD Tier 2 service territory and operated by utility, divided by total number of circuit miles in HFTD Tier 2 service territory
Number of weather stations in HFTD Tier 3 (total)	1	Total number located in HFTD Tier 3 service territory and operated by utility
Number of weather stations in HFTD Tier 3 (normalized)	0.7874	Total number located in HFTD Tier 3 service territory and operated by utility, divided by total number of circuit miles in HFTD Tier 3 service territory

## Note:

The utility's service territory is entirely rural and either HFTD Tier 2 or Tier 3.

Circuit miles were calculated as the total overhead circuit miles, assuming that underground circuit miles are unaffected by wind conditions. Including underground circuit miles in this calculation would deflate the actual assessment of risk posed by wind and other wildfire-risk conditions.

Table 15: Summary data on fault indicator count

Fault indicator count type	Current count	Unit(s)
Number of fault indicators (total)	87	Total number located in service territory and operated by utility
Number of fault indicators (normalized)	0.4127	Total number located in service territory and operated by utility, divided by total number of circuit miles in utility service territory
Number of fault indicators in non-HFTD (total)	0	Total number located in non-HFTD service territory and operated by utility
Number of fault indicators in non-HFTD (normalized)	0	Total number located in non-HFTD service territory and operated by utility, divided by total number of circuit miles in non-HFTD service
Number of fault indicators in non-HFTD (normalized)	U	territory
Number of fault indicators in HFTD Zone 1 (total)	0	Total number located in HFTD Zone 1 service territory and operated by utility
Number of fault indicators in HFTD Zone 1 (normalized)	0	Total number located in HFTD Zone 1 service territory and operated by utility, divided by total number of circuit miles in HFTD Zone 1 service
Number of fault indicators in the 1D zone 1 (normalized)	U	territory
Number of fault indicators in HFTD Tier 2 (total)	87	Total number located in HFTD Tier 2 service territory and operated by utility
Number of fault indicators in HFTD Tier 2 (normalized)	0.4152	Total number located in HFTD Tier 2 service territory and operated by utility, divided by total number of circuit miles in HFTD Tier 2 service
Number of fault indicators in the D fiel 2 (normalized)	0.4132	territory
Number of fault indicators in HFTD Tier 3 (total)	0	Total number located in HFTD Tier 3 service territory and operated by utility
Number of fault indicators in HFTD Tier 3 (normalized)	0	Total number located in HFTD Tier 3 service territory and operated by utility, divided by total number of circuit miles in HFTD Tier 3 service
Number of fault indicators in HFTD Her 3 (normalized)	U	territory

Note: The utility's service territory is entirely rural and either HFTD Tier 2 or Tier 3.

Circuit miles were calculated as the total overhead circuit miles, assuming that underground circuit miles are unaffected by wind conditions. Including underground circuit miles in this calculation would deflate the actual assessment of risk posed by wind and other wildfire-risk conditions.

Table 16: Location of planned utility equipment additions or removal by end of 3-year plan term Response to WSD data request item BVES-43879-G-149

to WSD data request item BVE		Changes by end-2022						
Land use	Characteristic tracked	In non-HFTD	In HFTD Zone 1	In HFTD Tier 2	In HFTD Tier 3			
		N/A - Bear Valley Electric						
	Circuit miles of overhead transmission lines	Service does not have any urban areas. The utility's	Service does not have any urban areas. The utility's	Service does not have any urban areas. The utility's	Service does not have any urban areas. The utility's			
	Circuit filles of overflead transmission lines	service territory is entirely						
		rural.	rural.	rural.	rural.			
		N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric Service does not have any			
	Circuit miles of overhead distribution lines	Service does not have any urban areas. The utility's	Service does not have any urban areas. The utility's	Service does not have any urban areas. The utility's	urban areas. The utility's			
	and the state of t	service territory is entirely						
		rural.	rural.	rural.	rural.			
		N/A - Bear Valley Electric Service does not have any	N/A - Bear Valley Electric Service does not have any	N/A - Bear Valley Electric Service does not have any	N/A - Bear Valley Electric Service does not have any			
	Circuit miles of overhead transmission lines in WUI	urban areas. The utility's						
		service territory is entirely						
		rural.	rural.	rural.	rural.			
		N/A - Bear Valley Electric Service does not have any	N/A - Bear Valley Electric Service does not have any	N/A - Bear Valley Electric Service does not have any	N/A - Bear Valley Electric Service does not have any			
	Circuit miles of overhead distribution lines in WUI	urban areas. The utility's						
		service territory is entirely						
		rural.	rural. N/A - Bear Valley Electric	rural.	rural. N/A - Bear Valley Electric			
		N/A - Bear Valley Electric Service does not have any	Service does not have any	N/A - Bear Valley Electric Service does not have any	Service does not have any			
	Number of substations	urban areas. The utility's						
In urban areas		service territory is entirely						
in diban dicas		rural.	rural.	rural.	rural.			
		N/A - Bear Valley Electric Service does not have any	N/A - Bear Valley Electric Service does not have any	N/A - Bear Valley Electric Service does not have any	N/A - Bear Valley Electric Service does not have any			
	Number of substations in WUI	urban areas. The utility's						
1		service territory is entirely						
		rural.	rural.	rural.	rural.			
1		N/A - Bear Valley Electric						
1		Service has not previously						
1		tracked the number of weather						
		stations in the WUI and could						
	Ni mahana afi maadhan adadi aa	not determine this data within						
	Number of weather stations	the timeframe given for this Plan. The utility will do so going	the timeframe given for this Plan. The utility will do so going	the timeframe given for this Plan. The utility will do so going	the timeframe given for this Plan. The utility will do so going			
		forward. Additionally, BVES	forward. Additionally, BVES	forward. Additionally, BVES	forward. Additionally, BVES			
		does not have any urban areas.						
		The utility's service territory is						
		entirely rural	entirely rural	entirely rural	entirely rural			
		N/A - Bear Valley Electric						
		Service does not have any						
	Number of weather stations in WUI	urban areas. The utility's						
		service territory is entirely rural.						
		N/A - Bear Valley Electric						
		Service does not have any						
	Circuit miles of overhead transmission lines	transmission lines. All of the						
		utility's electric lines are below 65 kV.	utility's electric lines are below 65 kV.	utility's electric lines are below 65 kV	utility's electric lines are below			
		N/A - Bear Valley Electric	N/A - Bear Valley Electric					
		Service has not planned any	Service has not planned any					
	Circuit miles of overhead distribution lines	overhead distribution line	overhead distribution line	0	0			
		additions or removals in this	additions or removals in this					
		HFTD over the 3-year plan term	HFTD over the 3-year plan term	1/4 B 1/4 B 1	11/1 0 1/11 51 11			
		N/A - Bear Valley Electric Service has not yet tracked the	N/A - Bear Valley Electric Service has not yet tracked the	N/A - Bear Valley Electric Service has not yet tracked the	N/A - Bear Valley Electric Service has not yet tracked the			
	Circuit miles of overhead transmission lines in WUI	number of overhead	number of overhead	number of overhead	number of overhead			
		transmission lines in WUI	distribution lines in WUI	distribution lines in WUI N/A - Bear Valley Electric	distribution lines in WUI			
		N/A - Bear Valley Electric	N/A - Bear Valley Electric		N/A - Bear Valley Electric			
	Circuit miles of overhead distribution lines in WUI	Service has not yet tracked the number of overhead	Service has not yet tracked the	Service has not yet tracked the	Service has not yet tracked the number of overhead			
		distribution lines in WUI						
1		N/A - Bear Valley Electric	N/A - Bear Valley Electric					
1		Service does not have any	Service does not have any					
	Number of substations	planned substation additions or	planned substation additions or	13	0			
In rural areas		removals by end of 3-year plan	removals by end of 3-year plan					
iii i ui ai ai eas		term in this HFTD	term in this HFTD					
		N/A - Bear Valley Electric						
1	Number of substations in WUI	Service has not yet tracked the						
		number of substations in WUI						
1		N/A - Bear Valley Electric	N/A - Bear Valley Electric					
		Service does not have any	Service does not have any					
	Number of weather stations	planned weather station	planned weather station	9	0			
		additions or removals by end of 3-year plan term in this HFTD	additions or removals by end of 3-year plan term in this HFTD					
1		or 5-year plan term in this HFTD	or 3-year plan term in this HFTD					
1		N/A - Bear Valley Electric						
		Service has not previously						
1		tracked the number of weather						
1		stations in the WUI and could						
	Number of weather stations in WUI	not determine this data within the timeframe given for this	not determine this data within the timeframe given for this	not determine this data within the timeframe given for this	not determine this data within the timeframe given for this			
	Transcr of weather stations in wor	Plan. The utility will do so going						
		forward. Additionally, BVES	forward. Additionally, BVES	forward. Additionally, BVES	forward. Additionally, BVES			
		does not have any urban areas.						
		The utility's service territory is						
		entirely rural	entirely rural	entirely rural	entirely rural			
-								

		N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric
		Service does not have any	Service does not have any	Service does not have any	Service does not have any
	Circuit miles of overhead transmission lines	highly rural areas. The utility's	highly rural areas. The utility's	highly rural areas. The utility's	highly rural areas. The utility's
		service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
		rural.	rural.	rural.	rural.
		N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric
		Service does not have any	Service does not have any	Service does not have any	Service does not have any
	Circuit miles of overhead distribution lines	highly rural areas. The utility's	highly rural areas. The utility's	highly rural areas. The utility's	highly rural areas. The utility's
		service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
		rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric
		Service does not have any	Service does not have any	Service does not have any	Service does not have any
	Circuit miles of overhead transmission lines in WUI	highly rural areas. The utility's	highly rural areas. The utility's	highly rural areas. The utility's	highly rural areas. The utility's
		service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
		rural.	rural.	rural.	rural.
		N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric
		Service does not have any	Service does not have any	Service does not have any	Service does not have any
	Circuit miles of overhead distribution lines in WUI	highly rural areas. The utility's	highly rural areas. The utility's	highly rural areas. The utility's	highly rural areas. The utility's
		service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
		rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric
In highly rural areas		Service does not have any	Service does not have any	Service does not have any	Service does not have any
	Number of substations	highly rural areas. The utility's	highly rural areas. The utility's	highly rural areas. The utility's	highly rural areas. The utility's
		service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
		rural.	rural.	rural.	rural.
		N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric
		Service does not have any	Service does not have any	Service does not have any	Service does not have any
	Number of substations in WUI	highly rural areas. The utility's	highly rural areas. The utility's	highly rural areas. The utility's	highly rural areas. The utility's
		service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
		rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric	rural. N/A - Bear Valley Electric
		Service has not previously	Service has not previously	Service has not previously	Service has not previously
		tracked weather stations within	tracked weather stations within	tracked weather stations within	tracked weather stations within
		the WUI but will do so going	the WUI but will do so going	the WUI but will do so going	the WUI but will do so going
	Number of weather stations	forward. does not have any	forward. does not have any	forward. does not have any	forward. does not have any
		highly rural areas. The utility's	highly rural areas. The utility's	highly rural areas. The utility's	highly rural areas. The utility's
		service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
		service territory is entirely		service territory is entirely	service territory is entirely
		N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric	N/A - Bear Valley Electric
		Service does not have any	Service does not have any	Service does not have any	Service does not have any
	Number of weather stations in WUI	highly rural areas. The utility's	highly rural areas. The utility's	highly rural areas. The utility's	highly rural areas. The utility's
	Manuel of Weather Stations III Wor	service territory is entirely	service territory is entirely	service territory is entirely	service territory is entirely
		, ,	, , , , , , , , , , , , , , , , , , ,		· · ·
L	ļ	rural.	rural.	rural.	rural.

Transmission lines refer to all lines at or above 65kV, and distribution lines refer to all lines below 65kV.

 $\textbf{Note:} \ \text{The utility does not have any transmission lines as all of its lines are below 65kV}.$ 

The utility does not plan to add or remove any overhead distribution lines.

BVES does not track which portions of its distribution system and other utility-owned infrastructure or assets are located in WUI-designated areas.

The utility does not have any urban or highly rural aras. BVES' entire service territory is rural.

Table 17: Location of planned un Response to WSD data request item	
Land use	BVL3-43073-G-1243
Total circuit miles plan	

Location of planned utility infrastructure upgrades   10													
Land use	Characteristic tracked	2020	In non-HFTD 2021	2022	2020	In HFTD Zone 1 2021	2022	2020	In HFTD Tier 2 2021	2022	2020	In HFTD Tier 3 2021	2022
Total rimeta mi	d for bardening each year all b	N/A - Bear Valley Electric Service's entire	N/A - Bear Valley Electric Service's entire	6		8	2	0	0				
Total circuit miles planned for hardening each year, all types and locations		Service Territory is in HFTD 2 or 3	Service Territory is in HFTD 2 or 3	6	8	8	2	0	0				
		N/A - Bear Valley	N/A - Bear Valley										
Total number of substations planned for hardening each year, all locations		Electric Service's entire Service Territory is in	Electric Service's entire Service Territory is in	1	1	1	0	0	0				
		HFTD 2 or 3	HFTD 2 or 3										
		N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does				
	Circuit miles planned for grid hardening of overhead transmission lines	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's				
		service territory is	service territory is	service territory is	service territory is	service territory is	service territory is	service territory is	service territory is				
		entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.				
		N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does				
	Circuit miles of overhead transmission lines in WUI to harden	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's				
		service territory is entirely rural.	service territory is entirely rural.	service territory is	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.				
		,	,	,	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	,	,	,
		N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does				
	Circuit miles of overhead distribution lines to harden	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's				
		service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.				
									-				
		N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does				
In urban areas	Circuit miles of overhead distribution lines in WUI to harden	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's				
		service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.				
										· ·	·		,
		N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does				
	Circuit miles of overhead transmission lines in WUI to harden	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's				
		service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.				
													·
		N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does				
	Number of substations to harden	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's				
		service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.				
									-				
		N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does				
	Number of substations in WUI to harden	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's	not have any urban areas. The utility's				
		service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.				
1													
		N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does				
	Circuit miles of overhead transmission lines to harden	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any
		transmission lines. All of the utility's electric	transmission lines. All	transmission lines. All of the utility's electric	transmission lines. All of the utility's electric	transmission lines. All	transmission lines. All	transmission lines. All	transmission lines. All	transmission lines. All of the utility's electric	transmission lines. All of the utility's electric	transmission lines. All	transmission lines. All
		lines are below 65 kV.	of the utility's electric lines are below 65 kV.	lines are below 65 kV.	lines are below 65 kV.	of the utility's electric lines are below 65 kV.	of the utility's electric lines are below 65 kV.	of the utility's electric lines are below 65 kV.	of the utility's electric lines are below 65 kV.	lines are below 65 kV.	lines are below 65 kV.	of the utility's electric lines are below 65 kV.	of the utility's electric lines are below 65 kV.
	Circuit miles of everhead transmission lines in WUI to harden	N/A - Rear Valley								N/A - Rear Valley			
		Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does
		not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any
		transmission lines. All of the utility's electric	transmission lines. All of the utility's electric	transmission lines. All of the utility's electric	transmission lines. All of the utility's electric	transmission lines. All of the utility's electric	transmission lines. All of the utility's electric	transmission lines. All of the utility's electric	transmission lines. All of the utility's electric				
		lines are below 65 kV.	lines are below 65 kV.	lines are below 65 kV.	lines are below 65 kV.	lines are below 65 kV.	lines are below 65 kV.	lines are below 65 kV.	lines are below 65 kV.				
		N/A - Bear Valley	N/A - Bear Valley										
	Circuit miles of overhead distribution lines to harden	Electric Service has not planned any overhead	Electric Service has not planned any overhead	6	8	8	2	0	0				
		distribution line hardening in this HFTD	distribution line hardening in this HFTD										
		in this year	in this year										
In rural areas		N/A - Bear Valley Electric Service has not	N/A - Bear Valley Electric Service has not	N/A - Bear Valley Electric Service has not	N/A - Bear Valley Electric Service has not	N/A - Bear Valley Electric Service has not	N/A - Bear Valley Electric Service has not	N/A - Bear Valley Electric Service has not	N/A - Bear Valley Electric Service has not				
	Circuit miles of overhead distribution lines in WUI to harden	yet tracked the	yet tracked the number of overhead	yet tracked the number of overhead	yet tracked the number of overhead	yet tracked the number of overhead	yet tracked the number of overhead	yet tracked the number of overhead	yet tracked the number of overhead	yet tracked the number of overhead			
		number of overhead distribution lines in	distribution lines in	distribution lines in	distribution lines in	distribution lines in	distribution lines in	distribution lines in	distribution lines in	distribution lines in	distribution lines in	distribution lines in	distribution lines in
		WUI	WUI	WUI	WUI	WUI	WUI	WUI	wu	WUI	WUI	WUI	WUI
		N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does				
	Circuit miles of overhead transmission lines in WUI to harden	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any	not have and is not planning to harden any
		transmission lines. All of the utility's electric	transmission lines. All	transmission lines. All of the utility's electric	transmission lines. All of the utility's electric	transmission lines. All	transmission lines. All	transmission lines. All	transmission lines. All	transmission lines. All	transmission lines. All	transmission lines. All	transmission lines. All of the utility's electric
		lines are below 65 kV.	of the utility's electric lines are below 65 kV.	lines are below 65 kV.	lines are below 65 kV.	of the utility's electric lines are below 65 kV.	of the utility's electric lines are below 65 kV.	of the utility's electric lines are below 65 kV.	of the utility's electric lines are below 65 kV.	of the utility's electric lines are below 65 kV.	of the utility's electric lines are below 65 kV.	of the utility's electric lines are below 65 kV.	lines are below 65 kV.
	Number of substations to harden	N/A - Bear Valley	N/A - Bear Valley										
		Electric Service has not planned any	Electric Service has not planned any	1	1	1	0	0	0				
	or addressions to ref OWI	substation hardening in this HFTD in this	substation hardening in this HFTD in this			,	Ü		U				
		year	year	year	year	year	year						
		N/A - Bear Valley Electric Service has not	N/A - Bear Valley Electric Service has not	N/A - Bear Valley Electric Service has not	N/A - Bear Valley Electric Service has not	N/A - Bear Valley Electric Service has not	N/A - Bear Valley Electric Service has not	N/A - Bear Valley Electric Service has not	N/A - Bear Valley Electric Service has not				
	Number of substations in WUI to harden	yet tracked the number of substations	yet tracked the number of substations	yet tracked the number of substations	yet tracked the	yet tracked the number of substations							
		in WUI	in WUI	in WUI	in WUI	in WUI	in WUI	in WUI	in WUI				
		N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley				
	Circuit miles of overhead transmission lines to harden	Electric Service does not have any highly	Electric Service does not have any highly	Electric Service does not have any highly	Electric Service does not have any highly	Electric Service does not have any highly	Electric Service does not have any highly	not have any highly	Electric Service does not have any highly				
		rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is				
		entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.				
		N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does				
	Circuit miles of overhead transmission lines in WUI to harden	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's				
		service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.				
		N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley				
	Control of the state of the sta	Electric Service does not have any highly	Electric Service does not have any highly	Electric Service does not have any highly	Electric Service does not have any highly	Electric Service does not have any highly	Electric Service does not have any highly	Electric Service does not have any highly	Electric Service does not have any highly				
	Circuit miles of overhead distribution lines to harden	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is				
		entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.				
	Circuit miles of overhead distribution lines in WUI to harden	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does				
In highly rural areas		not have any highly rural areas. The utility's	not have any highly	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's				
		service territory is	service territory is	service territory is	service territory is	service territory is	service territory is	service territory is	service territory is				
		entirely rural.	entirely rural.	entirely rural. N/A - Bear Valley	entirely rural. N/A - Bear Valley	entirely rural. N/A - Bear Valley	entirely rural.	entirely rural. N/A - Bear Valley	entirely rural. N/A - Bear Valley	entirely rural.	entirely rural. N/A - Bear Valley	entirely rural. N/A - Bear Valley	entirely rural. N/A - Bear Valley
		Electric Service does	Electric Service does	Electric Service does	Electric Service does	N/A - Bear Valley Electric Service does not have any highly	Electric Service does	Electric Service does	Electric Service does	Electric Service does	Electric Service does	Electric Service does	Electric Service does
	Circuit miles of overhead transmission lines in WUI to harden	not have any highly rural areas. The utility's	rural areas. The utility's	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's	not have any highly rural areas. The utility's			
		service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.	service territory is entirely rural.				
		N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley	N/A - Bear Valley				
	Number of substations to harden	Electric Service does not have any highly	Electric Service does not have any highly	Electric Service does not have any highly	Electric Service does not have any highly	Electric Service does not have any highly	Electric Service does not have any highly	Electric Service does not have any highly	Electric Service does not have any highly				
	inumber or substations to narden	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is				
		entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.				
		N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does	N/A - Bear Valley Electric Service does				
	Number of substations in WUI to harden	not have any highly	not have any highly	not have any highly	not have any highly	not have any highly	not have any highly	not have any highly	not have any highly				
		rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is	rural areas. The utility's service territory is				
Transmission lines refer to	o all lines at or above 65kV, and distribution lines refer to all lines below 65kV.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.	entirely rural.				
	and the same and t												

Note: The utility does not have any transmission lines as all of its lines are below 65kV. BVES does not track which portions of its distribution system and other utility-owned infrastructure or assets are located in WUI-designated areas.

#### Table 18: Key drivers of ignition probability

,	L-1-194	No. 1. Posta de la Constantina del Constantina de la Constantina d	A 19. 19 d . 17 19 1		Ignitions from this d	river (according to 5-y	ear historical average	)	
Ignition pro	obability drivers	Number of incidents per year (according to 5-year historical average)	Average likelihood of ignition per incident	Total	In non-HFTD	In HFTD Zone 1	In HFTD Tier 2	In HFTD Tier 3	
					N/A - the utility's	N/A - the utility's			
	All types of object contact				entire Service	entire Service	0	_	
	All types of object contact	13	0%	0	Territory is either	Territory is either		0	
					HFTD 2 or 3	HFTD 2 or 3			
					N/A - the utility's	N/A - the utility's			
	Animal contact	0.6	0%	0	entire Service	entire Service		0	
	Animai contact	0.6	0%	0	Territory is either	Territory is either	0	0	
					HFTD 2 or 3	HFTD 2 or 3			
					N/A - the utility's	N/A - the utility's			
Contact from object	Balloon contact	0.2	0%	0	entire Service	entire Service	0	0	
Contact from object	Balloon Contact	0.2	0%	U	Territory is either	Territory is either	U	U	
					HFTD 2 or 3	HFTD 2 or 3			
					N/A - the utility's	N/A - the utility's			
	Vegetation contact	12.2	0%	0	entire Service	entire Service	0	0	
	vegetation contact	12.2	0%	U	Territory is either	Territory is either	U	U	
					HFTD 2 or 3	HFTD 2 or 3			
					N/A - the utility's	N/A - the utility's			
	Vehicle contact	0	0%	0	entire Service	entire Service	0	0	
	venicie contact	0	0%	0	Territory is either	Territory is either	0	0	
					HFTD 2 or 3	HFTD 2 or 3			
					N/A - the utility's	N/A - the utility's			
	All types  Capacitor bank failure	32.2	0%	0	entire Service	entire Service	0	0	
		32.2		U	Territory is either	Territory is either	U	U	
				0	HFTD 2 or 3	HFTD 2 or 3			
			0%		N/A - the utility's	N/A - the utility's		0	
					entire Service	entire Service	_		
		0			Territory is either	Territory is either	0	0	
					HFTD 2 or 3	HETD 2 or 3			
					N/A - the utility's	N/A - the utility's	0		
	Conductor failure—all				entire Service	entire Service			
	Conductor failure—all	1.2	0%	0	Territory is either	Territory is either		0	
					HFTD 2 or 3	HFTD 2 or 3			
					N/A - the utility's	N/A - the utility's	0		
	Conductor failure—wires down				entire Service	entire Service		_	
	Conductor failure—wires down	1.2	0%	0	Territory is either	Territory is either		0	
					HFTD 2 or 3	HFTD 2 or 3			
						N/A - the utility's	N/A - the utility's		
All types of equipment / facility failure	Fuse failure—all		0%		entire Service	entire Service	0	_	
All types of equipment / facility failure	Fuse failure—all	13.8	0%	0	Territory is either	Territory is either		0	
					HFTD 2 or 3	HETD 2 or 3			
					N/A - the utility's	N/A - the utility's			
					entire Service	entire Service	0		
	Fuse failure—conventional blown fuse	13.4	0%	0	Territory is either	Territory is either		0	
I					HFTD 2 or 3	HFTD 2 or 3			
I					N/A - the utility's	N/A - the utility's	0		
I	Lightning arrestor failure	0	0%	0	entire Service	entire Service		0	
		0	0%	0	Territory is either	Territory is either		0	
					HFTD 2 or 3	HFTD 2 or 3			
I					N/A - the utility's	N/A - the utility's		_	
I	Switch failure	0	0%	0	entire Service	entire Service	0		
I	Switch rudul C	U	U%	U	Territory is either	Territory is either	U	0	
I		<u> </u>		1	HFTD 2 or 3	HFTD 2 or 3		l	
	Transformer failure				N/A - the utility's	N/A - the utility's		1	
I		2.6	0%	0	entire Service	entire Service	0	0	
			U%	U	Territory is either	Territory is either	U	U	
	<u> </u>	<u> </u>	<u> </u>	1	HFTD 2 or 3	HFTD 2 or 3			
1	•				N/A - the utility's	N/A - the utility's			
Wire-to-wire contact / contamination		0.0	200		entire Service	entire Service	0		
		0.8	0%	0	Territory is either	Territory is either		0	
					HFTD 2 or 3	HFTD 2 or 3		1	
				1	N/A - the utility's	N/A - the utility's			
					N/A - the utility s				
Other				_	entire Service	entire Service	_	_	
Other		0.2	0%	0			0	0	

**Note:** The utility's service territory is in either HFTD Tier 2 or Tier 3

# 4.1 The Objectives of the Plan

The objectives of the plan shall, at a minimum, be consistent with the requirements of California Public Utilities Code

§8386(a). Describe utility WMP objectives, categorized by each of the following timeframes:

Before the upcoming wildfire season, as defined by the California Department of Forestry and Fire

Protection (CAL FIRE), Before the next annual update, Within the next 3 years, and Within the next 10 years.

#### 4.2.1 Service territory fire-threat evaluation and ignition risk trends

Discuss fire-threat evaluation of the service territory to determine whether an expanded High Fire Threat District (HFTD) is warranted (i.e., beyond existing Tier 2 and Tier 3 areas). This section shall include a discussion of any fire threat assessment of its service territory performed by the electrical corporation. In the event that the electrical corporation's assessment determines the fire threat rating for any part of its service territory is insufficient (i.e., the actual fire threat is greater than what is indicated in the CPUC Fire Threat Map and High Fire Threat District designations), the corporation shall identify those areas for consideration of HFTD modification, based on the new information or environmental changes. To the extent this identification relies upon a meteorological or climatological study, a thorough explanation and copy of the study shall be included.

BVES has not performed any study in 2019 to determine whether expansion of the HFTD tiers are necessary, though is aware of the need to reevaluate these designations from time to time and will consider this effort in subsequent WMP filings. BVES operates with the inherent risk factor of the service area's mountainous, alpine terrain, which makes up Tier 2 and Tier 3 regions of the HFTD. Field operational practices that include fire-threat conditions/stipulations are considered as part of general business practice. BVES did not meet trigger thresholds to initiate a PSPS event during the 2019 fire season, leading to the understanding that the Commission has suitably mapped the fire threat profile for the service territory at this time.

An immediate activity the utility will pursue before the next wildfire season will be addressing the Wildland Urban Interface (WUI) designations, as the utility has not previously tracked these zones in wildfire mitigation planning. BVES understands that the risk area for the WUI maps atop the Tier 2 and 3 designations from the HFTD. The utility does not have any urban or highly rural areas; the entire service territory is rural.

## 4.2 Understanding major trends impacting ignition probability and wildfire consequence

Describe how the utility assesses wildfire risk in terms of ignition probability and estimated wildfire consequence, including use of Multi-Attribute Risk Score (MARS) and Multi-Attribute Value Function (MAVF) as in the Safety Model and Assessment Proceeding (S-MAP) and Risk Assessment Mitigation Phase (RAMP). Include description of how the utility distinguishes between these risks and the risks to safety and reliability. List and describe each "known local condition" that the utility monitors per GO 95, Rule 31.1, including how the condition is monitored and evaluated. In addition:

A. Describe how the utility monitors and accounts for the contribution of weather to ignition probability and estimated wildfire consequence in its decision-making, including describing any utility-generated Fire Potential Index or other measure (including input variables, equations, the scale or rating system, an explanation of how uncertainties are accounted for, an explanation of how this index is used to inform operational decisions, and an explanation of how trends in index ratings impact medium-term decisions such as maintenance and longer-term decisions such as capital investments, etc.).

B. Describe how the utility monitors and accounts for the contribution of fuel conditions to ignition probability and estimated wildfire consequence in its decision making, including describing any proprietary fuel condition index (or other measures tracked), the outputs of said index or other measures, and the methodology used for projecting future fuel conditions. Include discussion of measurements and units for live fuel moisture content, dead fuel moisture content, density of each fuel type, and any other variables tracked. Describe the measures and thresholds the utility uses to determine extreme fuel conditions, including what fuel moisture measurements and threshold values the utility considers "extreme" and its strategy for how fuel conditions inform operational decision-making.

Table 19: Macro trends impacting ignition probability and/or wildfire consequence

Rank	Macro trends impacting utility ignited ignition probability and estimated wildfire consequence by year 10	Comments
1	Change in ignition probability and estimated wildfire consequence due to climate change	The utility expects climate change to produce significant increase in ignition probability over the 10-year period. Based on 2017 Climate Change and Health Profile Report San Bernardino County (UC Davis), California Fourth Climate Assessment.
3	Change in ignition probability and estimated wildfire consequence due to relevant invasive species, such as bark beetles	The Big Bear Lake region has previously been affected by bark beetles, notably in the Summer of 2018 as a result of the thenogoing drought in California. While the utility has not experienced any ignition events, increased dead tree density is likely as climate change creates more favorable Summer conditions for bark beetle populations.
2	Change in ignition probability and estimated wildfire consequence due to other drivers of change in fuel density and moisture	The utility's service territory is in a heavily forested alpine environment. Any increase in fuel density and dryness creates a disproportionate increase in ignition probability and/or estimated wildfire consequences.
5	Population changes (including Access and Functional Needs population) that could be impacted by utility ignition	The utility's service territory is entirely in a mountain resort region. BVES does not expect significant population changes within its service territory and does not foresee measurable changes impacting ignition probability and/or wildfire consequence as a result thereof.
6	Population changes in HFTD that could be impacted by utility ignition	The utility's service territory is entirely in a mountain resort region. BVES does not expect significant population changes within its service territory and does not foresee measurable changes impacting ignition probability and/or wildfire consequence as a result thereof.
4	Population changes in WUI that could be impacted by utility ignition	The utility's service territory is entirely in a mountain resort region. BVES does not expect significant population changes within its service territory and does not foresee measurable changes impacting ignition probability and/or wildfire consequence as a result thereof.
7	Utility infrastructure location in HFTD vs non-HFTD	The utility's service territory is entirely in HFTD 2 or HFTD3. As a result, BVES does not foresee any differentiated impacts in ignition probability and/or wildfire consequence due to the location of utilit infrastructure in HFTD vs non-HFTD
8	Utility infrastructure location in urban vs rural vs highly rural areas	The utility's service territory is entirely rural. As a result, BVES does not foresee any differentiated impacts in ignition probability and/or wildfire consequence due to the location of utility infrastrucutre in urban vs rural vs highly rural areas

List and describe any additional macro trends impacting ignition probability and estimated wildfire consequence within utility service territory, including trends within the control of the utility, trends within the utility's ability to influence, and externalities (i.e., trends beyond the utility's control, such as population changes within the utility's territory).

In addition to the comments laid out in Table 19, see BVES 2020 WMP Section 3.2 through subsection 3.2.1.

List and describe all relevant drivers of ignition probability and estimated wildfire consequences and the mitigations that are identified in the Risk Assessment Mitigation Phase (RAMP) and not included in the above, including how these are expected to evolve. Rank these drivers from highest to lowest risk and describe how they are expected to evolve.

The CPUC has not required BVES to conduct a Risk Assessment and Mitigation Phase (RAMP) in prior GRC filings, however through its risk-based decision-making framework, BVES has created a list of risks and a prioritized list of mitigation measures.

8VES 2020 WMP Section 3.2

## 4.3 Change in Ignition Probability Drivers

Based on the implementation of the above wildfire mitigation initiatives, explain how the utility sees its ignition probability drivers evolving over the 3 year term of the WMP. Focus on ignition probability and estimated wildfire consequence reduction by ignition probability driver, detailed risk driver, and include a description of how the utility expects to see incidents evolve over the same period, both in total number (of occurrence of a given incident type, whether resulting in a near miss or in an ignition) and in likelihood of causing an ignition by type. Outline methodology for determining ignition probability from events, including data used to determine likelihood of ignition probability, such as past ignition events, number of near misses, and description of events (including vegetation and equipment condition).

## 4.4 Directional Vision for Necesity of PSPS

Describe any lessons learned from PSPS since the utility's last WMP submission and expectations for how the utility's PSPS program will evolve over the coming 1, 3, and 10 years. Be specific by including a description of the utility's protocols and thresholds for PSPS implementation. Include a quantitative description of how the circuits and numbers of customers that the utility expects will be impacted by any necessary PSPS events is expected to evolve over time. The description of protocols must be sufficiently detailed and clear to enable a skilled operator to follow the same protocols. When calculating anticipated PSPS, consider recent weather extremes, including peak weather conditions over the past 10 years as well as recent weather years and how the utility's current PSPS protocols would be applied to those years.

BVES did not initiate a PSPS event in 2019, therefore has no direct lessons learned to apply to 2020.

#### Table 20: Anticipated characteristics of PSPS use over next 10 years

Rank order 1-9	PSPS characteristic	Significantly increase; increase; no change; decrease; significantly decrease	Comments
N/A - BVES does not anticipate and has not had any PSPS events	Number of customers affected by PSPS events (total)	No change	BVES has not implemented any PSPS does not anticipate the need for PSPS over the next 10 years
N/A - BVES does not anticipate and has not had any PSPS events	Number of customers affected by PSPS events (normalized by fire weather, e.g., Red Flag Warning line mile days)	No change	BVES has not implemented any PSPS does not anticipate the need for PSPS over the next 10 years
N/A - BVES does not anticipate and has not had any PSPS events	Frequency of PSPS events in number of instances where utility operating protocol requires de-energization of a circuit or portion thereof to reduce ignition probability (total)	No change	BVES has not implemented any PSPS does not anticipate the need for PSPS over the next 10 years
N/A - BVES does not anticipate and has not had any PSPS events	Frequency of PSPS events in number of instances where utility operating protocol requires de-energization of a circuit or portion thereof to reduce ignition probability (normalized by fire weather, e.g., Red Flag Warning line mile days)	No change	BVES has not implemented any PSPS does not anticipate the need for PSPS over the next 10 years
N/A - BVES does not anticipate and has not had any PSPS events	Scope of PSPS events in circuit-events, measured in number of events multiplied by number of circuits targeted for de-energization (total)	No change	BVES has not implemented any PSPS does not anticipate the need for PSPS over the next 10 years
N/A - BVES does not anticipate and has not had any PSPS events	Scope of PSPS events in circuit-events, measured in number of events multiplied by number of circuits targeted for de-energization (normalized by fire weather, e.g., Red Flag Warning line mile days)	No change	BVES has not implemented any PSPS does not anticipate the need for PSPS over the next 10 years
N/A - BVES does not anticipate and has not had any PSPS events	Duration of PSPS events in customer hours (total)	No change	BVES has not implemented any PSPS does not anticipate the need for PSPS over the next 10 years
N/A - BVES does not anticipate and has not had any PSPS events	Duration of PSPS events in customer hours (normalized by fire weather, e.g., Red Flag Warning line mile days)	No change	BVES has not implemented any PSPS does not anticipate the need for PSPS over the next 10 years
N/A - BVES does not anticipate and has not had any PSPS events	Other	No change	BVES has not implemented any PSPS does not anticipate the need for PSPS over the next 10 years

## 5.1 Wildfire mitigation strategy

Describe organization-wide wildfire mitigation strategy and goals for each of the following time periods:

- 1. Before the upcoming wildfire season, as defined by the California Department of Forestry and Fire Protection (CAL
- 2. Before the next annual update,
- 3. Within the next 3 years, and
- 4. Within the next 10 years.

The description of utility wildfire mitigation strategy shall:

- A. Discuss the utility's approach to determining how to manage wildfire risk (in terms of ignition probability and estimated wildfire consequence) as distinct from managing risks to safety and/or reliability. Describe how this determination is made both for (1) the types of activities needed and (2) the extent of those activities needed to mitigate these two different groups of risks. Describe to what degree the activities needed to manage wildfire risk may be incremental to those needed to address safety and/or reliability
- B. Include a summary of what major investments and implementation of wildfire mitigation initiatives achieved over the past year, any lessons learned, any changed circumstances for the 2020 WMP term (i.e., 2020-2022), and any corresponding adjustment in priorities for the upcoming plan term. Organize summaries of initiatives by the wildfire mitigation categories listed in Section 5.3.
- C. List and describe all challenges associated with limited resources and how these challenges are expected to evolve over the next 3 years.
- D. Outline how the utility expects new technologies and innovations to impact the utility's strategy and implementation approach over the next 3 years, including the utility's program for integrating new technologies into the utility's grid.

## 5.2 Wildfire Mitigation Plan Implementation

Describe the processes and procedures the electrical corporation will use to do all the following:

- A. Monitor and audit the implementation of the plan. Include what is being audited, who conducts the audits, what type of data is being collected, and how the data undergoes quality assurance and quality control.
- B. Identify any deficiencies in the plan or the plan's implementation and correct those deficiencies.
- C. Monitor and audit the effectiveness of inspections, including inspections performed by contractors, carried out under the plan and other applicable statutes and commission rules
- D. For all data that is used to drive wildfire-related decisions, including grid operations, capital allocation, community engagement, and other areas, provide a thorough description of the utility's data architecture and flows. List and describe 1) all dashboards and reports directly or indirectly related to ignition probability and estimated wildfire consequences and reduction, and 2) all available GIS data and products. For each, include metadata and a data dictionary that defines all information about the data. For each, also describe how the utility collects data, including a list of all wildfire-related data elements, where it is stored, how it is accessed, and by whom. Explain processes for QA/QC, cleaning and analyzing, normalizing, and utilizing data to drive internal decisions. Include list of internal data standards and cross-reference for they datasets or map products to which the standards apply.

#### 5.3.1 Risk assessment and mapping

#### Description of programs to reduce ignition probability and wildfire consequence

For each of the below initiatives, provide a detailed description and approximate timeline of each, whether already implemented or planned, to minimize the risk of its equipment or facilities causing wildfires. Include a description for the utility's programs, the utility's rationale behind each of the elements of this program, the utility's prioritization approach/methodology to determine spending and deployment of human and other resources, how the utility will conduct audits or other quality checks on each program, how the utility plans to demonstrate over time whether

each component is effective and, if not, how the utility plans to evolve each component to ensure effective spend of ratepayer funds.

Include descriptions across each of the following initiatives. Input the following initiative names into a spreadsheet formatted according to the template below and input information for each cell in the row.

- 1. A summarized risk map showing the overall ignition probability and estimated wildfire consequence along electric lines and equipment
- 2. Climate-driven risk map and modelling based on various relevant weather scenarios
- 3. Ignition probability mapping showing the probability of ignition along the electric lines and equipment
- 4. Initiative mapping and estimation of wildfire and PSPS risk-reduction impact
- 5. Match drop simulations showing the potential wildfire consequence of ignitions that occur along the electric lines and equipment
- 6. Weather-driven risk map and modelling based on various relevant weather scenarios
- 7. Other / not listed [only if an initiative cannot feasibly be classified within those listed above]

For each of the above initiatives, describe the utility's current program and provide an explanation of how the utility expects to evolve the utility's program over each of the following time periods:

- 1. Before the upcoming wildfire season
- 2. Before the next annual update,
- 3. Within the next 3 years, and
- 4. Within the next 10 years.

## Table 21: Risk assessment and mapping

	ing															
Initiative activity	Year	Total per-initiative spend	Subtotal A: Capital expenditure	Subtotal B: Operating expenses	Line miles to be treated	Spend/ treated line mile	Ignition probability drivers targeted	Risk reduction	Risk-spend efficiency	Other risk drivers addressed	Existing/ new	Existing: What proceeding has reviewed program	If new: Memorandum account	In / exceeding compliance with regulations	Cite associated rule	Comments
A summarized risk map showing the overall ignition probability and estimated wildfire consequence along electric lines and equipment	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan	Bear Valley Sectric Service has implemented the CPUC Fire-Threat Map Adopted January 2018 throughout its service territory. This map shows the CPUC designated fire hazard sone ters within BVES' service territory, which quantity specific geography that could be subject to devated fire risk under fire weather conductors, but will be also identified serve section of "a risk" areas within its service territory based on the type of distribution facilities (overhead bare conductors, but) while pulsary and in the coulded in the risk and of the coulded on the risk and of the ris												ertain locations vulner r designations to infor	rable to wildfire risk. m inspection,	
Climate-driven risk map and modelling based on various relevant weather scenarios	2019 plan 2019 actual 2020 2021 2022 2022-2022 plan total	fire weather condition The "at-risk" line sec vegetation managen Bear Valley Electric S develop total risk im There are no specific seperally throughous	Interfaction for semplemented the CPUE firer Threat Map Adopted January 2018 Throughout its service territory, this map shows the CPUE designated for manual once items within 80% service services, which quantity specific geography that could be subject to developed for mixed for the condition. The suith lives also definited once sections of a first, after exemption and the mixed for the condition. The suith lives also definited once sections of a first, after exemption and the mixed for the condition for the suith lives as defined from the condition of the suith lives as defined from the condition of the suith lives as defined from the condition of the suith lives as defined from the condition of the suith lives as defined from the condition of the suith lives as defined from the condition of the suith lives as defined from the suith lives as desired from the condition of the suith lives as desired from th													
Ignition probability mapping showing the probability of ignition along the electric lines and equipment	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	fire weather condition The "at-risk" line sec vegetation managen Bear Valley Electric S develop total risk im There are no specific	the designation of the motiful homogeneous are designated in the motiful homogeneous are designated or motiful homogeneous are designated in the motiful homogeneous are designated or motiful homogen													
Initiative mapping and estimation of wildfire and PSPS risk-reduction impact	2019 plan 2019 actual 2020 2021 2022 2022-2022 plan total	Bear Valley Electric's fire weather condition The "at-risk" line sec- vegetation managen Bear Valley Electric's develop total risk im There are no specific	are the financials in the control of													
S. Match drop simulations showing the potential wildfire consequence of ignitions that occur along the electric lines and equipment	2019 plan 2019 actual 2020 2021 2022 2022-2022 plan total	Bear Valley Electric S The utility's Subject There are not specifi generally throughou	Matter Expert evalua ically designated expe t its mostly homoger	his time, have a specifi ites the frequency of p enses, risk reductions, neous area.	otential ignition even	ts versus a set of impa	act categories (reliabil	ty, compliance, qualit	ty of service, safety an	d environmental) to o	develop total risk imp	31 square miles in the e	entire service area) ai	nd its initiatives, whic	h are described in deta	
Weather-driven risk map and modelling based on various relevant weather scenarios	2019 plan 2019 actual 2020 2021 2022 2022-2022 plan total	fire weather condition The "at-risk" line sec vegetation managen Bear Valley Electric S develop total risk im There are no specific	Sear Valley Electric Service has implemented the CPUC Fre-Threat Map Adopted January 2018 throughout its service territory, This map shows the CPUC designated fire hazard sone tiers within BVES service territory, which quantify specific geography that could be subject to elevated fire risk under historically valide few examines conditions. The stillip has be identified seven sections of "a risk" areas within its service territory lasted on the type of distribution shoulding in the CPUC Pre-Threat Map Adopted Service, and the conditions in the CPUC Pre-Threat Map Adopted Service, and the conditions in the CPUC Pre-Threat Map Adopted Service, and the conditions in the CPUC Pre-Threat Map Adopted Service, and the conditions in the CPUC Pre-Threat Map Adopted Service, and the conditions in the CPUC Pre-Threat Map Adopted Service, and the conditions in the CPUC Pre-Threat Map Adopted Service, and the conditions in the CPUC Pre-Threat Map Adopted Service, and the conditions in the CPUC Pre-Threat Map Adopted Service, and the conditions in the CPUC Pre-Threat Map Adopted Service, and the conditions in the CPUC Pre-Threat Map Adopted Service, and the conditions in the CPUC Pre-Threat Map Adopted Service, and the CPUC Pre-Threat Map Adopted Service Pre-Threat Map Adopted Service, and the CPUC Pre-Threat Map Adopted Service, and the CPUC Pre-Threat Map Adopted Service P													
7. Other / not listed	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	-		e any risk assessment	and mapping initiative	es other than those pr	rovided above at this	ime.								

#### 5.3.2 Situational awareness and forecasting

#### Description of programs to reduce ignition probability and wildfire consequence

For each of the below initiatives, provide a detailed description and approximate timeline of each, whether already implemented or planned, to minimize the risk of its equipment or facilities causing wildfires. Include a description of the utility's initiatives, the utility's rationale behind each of the elements of the initiatives, the utility's prioritization approach/methodology to determine spending and deployment of human and other resources, how the utility will conduct audits or other quality checks on each initiative, how the utility plans to demonstrate over time whether each component of the initiatives is effective and, if not, how the utility plans to evolve each component to ensure effective spend of ratepayer funds.

Include descriptions across each of the following initiatives. Input the following initiative names into a spreadsheet formatted according to the template below and input information for each cell in the row.

- 1. Advanced weather monitoring and weather stations
- 2. Continuous monitoring sensors
- 3. Fault indicators for detecting faults on electric lines and equipment
- 4. Forecast of a fire risk index, fire potential index, or similar
- 5. Personnel monitoring areas of electric lines and equipment in elevated fire risk conditions
- 6. Weather forecasting and estimating impacts on electric lines and equipment
- 7. Other / not listed [only if an initiative cannot feasibly be classified within those listed above]

For each of the above initiatives, describe the utility's current program and provide an explanation of how the utility expects to evolve the utility's program over each of the following time periods:

- 1. Before the upcoming wildfire season,
- 2. Before the next annual update,
- 3. Within the next 3 years, and
- 4. Within the next 10 years.

e to WSD data request item B	VES-43879-D-138															
Initiative activity	Year	Total per-initiative spend	Subtotal A: Capital expenditure	Subtotal B: Operating expenses	Line miles to be treated	Spend/ treated line mile	ignition probability drivers targeted	Risk reduction	Risk-spend efficiency	Other risk drivers addressed	Existing/ new	Existing: What proceeding has reviewed program	If new: Memorandum account	In / exceeding compliance with regulations	Cite associated rule	Comments
Advanced weather monitoring and weather stations	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	\$ 244,000.00 \$ 134,200.00 \$ 109,800.00 \$ - \$ - \$ 109,800.00	\$ 134,200.00 \$ 109,800.00 \$ -	S - S - S -	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	Dry conditions, high wind speeds, inclement weather that could increase ignition risk (e.g. lightning)	1,024,621.77	8.40	Wildfire-Significant Loss of Property	Existing	GRC	Memorandum Account and GRC	In compliance	G095	Installs 20 weather stations throughout the BVES service area. Allows BVES to prepare response shead of time and take precautionary and/or avidance action. Also, allows BVES to vidate actual conditions in the field such as before and after PSFS events.
Advanced weather monitoring and weather stations (b)	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	\$ - \$ - \$ 27,000.00 \$ - \$ 27,000.00	\$ - \$ - \$ 27,000.00 \$ 27,000.00	\$ - \$ - \$ - \$ -	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	Contact from object, all types of equipment/facility failure, wire-to-wire contact/contamination	N/A - BVES has not yet calculated a risk spend efficiency for this initiative	N/A - BVES has not yet calculated a risk reduction for this iniative	N/A - no other risk drivers addressed	New	N/A - this is a new initiative	WMP Memorandum Account	Exceeding compliance	G095	Integrate all 20 weather stations with Scada, Est. \$22,000 CapEx, likely to occur in 2021.
Continuous monitoring sensors	2021 2022 2020-2022 plan total	\$ - \$ 250,000.00 \$ 250,000.00 \$ - \$ 500,000.00	\$ .	s .	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	Contact from object, all types of equipment/facility failure, wire-to-wire contact/contamination	994,609.51	3.98	Wildfire-Significant Loss of Property	New	N/A - this is a new initiative	WMP Memorandum Account	Exceeding compliance	G095	Installs ALERT Wildfire HD Cameras throughout the service area allowing rapid detection and direction of first responders to any fires.
Fault indicators for detecting faults on electric lines and equipment	2019 olan 2019 actual 2020 2021 2022 2020-2022 olan total	\$ - \$ - \$ - \$ - \$ 2,371,200.00 \$ 2,371,200.00	\$ - \$ - \$ - \$ - \$ 2,371,200.00 \$ 2,371,200.00	\$ - \$ - \$ - \$ - \$ -	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	Contact from object, all types of equipment/facility failure, wire-to-wire contact/contamination	1,143,068.47	0.48	Wildfire-Significant Loss of Property	New	N/A - this is a new initiative	Cost Recovery TBD	Exceeding compliance	G095	Down Wire Detection Relay Installment Program. Installs fast-acting smart switches and detection relays to detect and de-energins down wires. Planned 2023-2024 (3-year execution period), \$2,373,200.00 CapEx/year.
4. Forecast of a fire risk index, fire potential index, or similar	2019 plan 2019 actual 2020 2021 2022 2022 plan total 2019 plan	The utility's Subject f	Matter Expert evaluat	es the frequency of p	octential ignition ever	nts versus a set of imp	pact categories (reliability, co	ompliance, quality of	service, safety and er	and 2020 WMPs at this time. rvironmental) to develop total the potential impact of ignition		86.				
<ol> <li>Personnel monitoring areas of electric lines and equipment in elevated fire risk conditions</li> </ol>	2022 2020-2022 plan total	Bear Valley Electric S	iervice does not have	a specific wildfire mi	tigation situational av	vareness and forecas	ting initiative focused on pe	rsonnel monitoring a	reas of electric lines a	and equipment in elevated fire	risk conditions in ad	dition to the situation	al awareness and for	ecasting initiatives de	scribed in Table 22 as	well as the asset management and inspection initiatives described in Table 24.
<ol> <li>Weather forecasting and estimating impacts or electric lines and equipment</li> </ol>	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	\$ - \$ 70,436.28 \$ 70,436.28 \$ 70,436.28 \$ 70,436.28 \$ 211,308.84	\$ .	\$ - \$ 70,436.28 \$ 70,436.28 \$ 70,436.28 \$ 211,308.84	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	Contact from object, all types of equipment/facility failure, wire-to-wire contact/contamination	1,022,629.33	14.52	Contact from object, all types of equipment/facility failure, wire-to-wire contact/contamination	New	N/A - this is a new initiative	WMP Memorandum Account	Exceeding compliance	ESRB-8	Weather Consulting Services. Provides BVES staff service area specific forecasts to better understand possible fire threat weather as well as storm conditions that may affect service. Allows BVES to prepare response ahead of time and take precautionary and/or avoidance action. Est. \$45,000 OBM annually.
7. Other / not listed	2019 plan 2019 actual 2020 2021	s - s - s -	\$ - \$ - \$ -	s - s - s -	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	Dry conditions, high wind speeds, inclement weather that could increase ignition risk (e.g.	1,143,058.47	3.34	Wildfire-Significant Loss of Property.	New	N/A - this is a new initiative	WMP Memorandum Account	Exceeding compliance	ESRB-8	Structional Awareness Enhancement Project. Installs complete Distribution Management Central Center with the following equipment and applications that provide full information capabilities available to Distribution decision makes relevant on the following functional areas: [15 Insering Resources (2) TEAD Assets [3] SCADA, Outage Management System & GIS Other Applications (4) Weather Information [3) the Clamera (3) Media acress (Internet, IMST Workshire Weather Information [3) the Clamera (3) Media acress (Internet, IMST Workshire (Internet) (Internet) (Intern
	2022 2020-2022 plan total 2019 plan	\$ 342,000.00 \$ 342,000.00 \$ 85,775.61	\$ 342,000.00 \$ 342,000.00	s - s - s 85,775.61			lightning)									& Social Media, Local Radio, TV, etc. (7) Communications Equipment and (8) Dispatch services. Scheduled for 2022-2024, 3-year execution period, \$342,000.00 CapEx/year.
8. Other / not listed	2019 actual 2020 2021 2022 2020-2022 plan total	\$ 85,775.61 \$ 85,775.61 \$ 85,775.61 \$ 85,775.61 \$ 257,336.83	\$ - \$ - \$ -	\$ 85,775.61 \$ 85,775.61 \$ 85,775.61 \$ 85,775.61 \$ 257,326.83	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	Contact from object, all types of equipment/facility failure, wire-to-wire contact/contamination	148,458.96	3.2	Wildfire-Significant Loss of Property. Loss of Energy Supplies.	Existing	D 19-08-027	GRC	Exceeding compliance	ESRB-8	GIS-based applications (e.g. Outage Management System). Implementation of GIS-based systems, such as outage management systems and interactive voice response systems, which allow BISS to locate outages and respond to customers more promptly in the case of a wildfire or related emergency
9. Other/not listed	2019 olan 2019 olan 2019 actual 2020 2021 2022 2022 olan total	\$ - \$ 5 67.860.00 \$ 67,860.00 \$ 67.860.00	\$ 67,860.00 \$ 67,860.00	s -	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	Contact from Object. All types of equipment/facility failure, wire-wire contact/contamination	148,458.96	2.19	Wildfire-Significant Loss of Property	New	N/A - this is a new initiative	GRC	Exceeding compliance	ESRB-8	Implement illestore APP-Provides First Responders and internal Damage Assessment Teams tool to quickly document and report T&D facility problems to Dispatch.

### 5.3.3 Grid design and system hardening

Describe utility approach to the following categories of maintenance of transmission lines, distribution lines, and equipment, respectively:

- Routine maintenance programs and protocols (i.e., covering general maintenance approach and programmatic structure),
   Non-routine maintenance, further delineated into:
   a. Emergency response maintenance/repair, and
   b. Inspection response maintenance/repair.

Discuss proactive replacement programs versus run-to-failure models for each group, including:

- Whether there are specific line elements or equipment that are prioritized for preventive maintenance or replacement,
   How those programs are established,
   What data or information is utilized to make those determinations, and
   What level of subjectivity is implemented in making those determinations

### Description of programs to reduce ignition probability and wildfire consequence

For each of the below initiatives, provide a detailed description and approximate timeline of each, whether already implemented or planned, to minimize the risk of its equipment or facilities causing wildfires. Include a description of the utility's initiatives, the utility's nationale behind each of the elements of the initiatives, the utility's prioritization approach/methodology to determine spending and deployment of human and other resources, how the utility will conduct adults or other quality checks on each initiative, how the utility plans to demonstrate over time whether each component of the initiatives is effective and, if not, how the utility plans to evolve each component to ensure effective spend of ratepayer funds.

Include descriptions across each of the following initiatives. Input the following initiative names into a spreadsheet formatted according to the template below and input information for each cell in the row.

- Capacitor maintenance and replacement program
  Circuit breaker maintenance and installation to de-energize lines upon detecting a fault
- Covered conductor installation Covered conductor maintenance
- Covered conductor maintenance Crossarm maintenance, repair, and replacement Distribution pole replacement and reinforcement, including with composite poles Expulsion fuse replacement Grid topology improvements to mitigate or reduce PSPS events Installation of system automation equipment Maintenance, repair, and replacement of connectors, including hotline clamps Mitigation of impact on customers and other residents affected during PSPS event when the properties of the

- 11.
- 12. Other corrective action
- Pole loading infrastructure hardening and replacement program based on pole loading assessment program 13.

- Pole loading infrastructure hardening and replacement program based on pole loading asses: Transformers maintenance and replacement Transmission tower maintenance and replacement Undergrounding of electric lines and/or equipment Updates to grid topology to minimize risk of ignition in HFTDs Other / not listed [only if an initiative cannot feasibly be classified within those listed above]

- Before the upcoming wildfire season,
- Before the next annual update
  Within the next 3 years, and
  Within the next 10 years.

: Grid design and system ha to WSD data request item Initiative activity	BVES-43879-G-152 Year	Total per-initiative spend	Subtotal A: Capital expenditure	Subtotal B: Operating expenses	Line miles to be treated	Spend/ treated line mile	Ignition probability drivers targeted	Risk reduction	Risk-spend efficiency	Other risk drivers addressed	Existing/ new	Existing: What proceeding has reviewed program	If new: Memorandum account	In / exceeding compliance with regulations	Cite associated rule	Comments
	2019 olan 2019 actual	Rear Valley Flortric Si	enire does not have a s		dinn grid design and s	stem hardening initiat	ive focused on capacitor maint	en anne and renlacem	ent at this time							
Capacitor maintenance and replacement program	2020 2021 2022	Capacitor maintenany	ce and replacement is in	cluded in the compa	ny's standard inspection	on, maintenance, and r	replacement protocols. nanagement and inspections.	and replacem	and and construction.							
Circuit breaker     maintenance and	2020-2022 olan total 2019 olan 2019 actual	Bear Valley Electric Se	ervice does not have a s	pecific wildfire mitiga	tion grid design and sy	ystem hardening initiat	ive focused on circuit breaker n	naintenance and repla	cement at this time.							
installation to de-energize lines upon detecting a	2020 2021	Circuit breakers are g Circuit breaker replac	enerally installed for all ement and maintenances and detection efforts	distribution circuits t e is included in the co	o detect fault current impany's standard ins	and protect equipmen pection, maintenance, location of oursess	t in the event that a fault is det and replacement protocols. An automation equipment.	ected. y enhanced inspection	s or accelerated con	rection timeframe/repla	acements are captur	ed in Table 24 Asset m	anagement and inspe	ctions. Replacements	of specific, targeted o	ircuit breakers as a part of BVES' WMP to support overall
fault	2022 2020-2022 olan total 2019 plan	s 750,000.00		s -	6.00	S 125,000.00			l				l			
	2019 actual 2020	\$ 750,000.00 \$ 1,821,993.60	\$ 750,000.00 \$ 1,821,993.60	s -	6.00 4.82	S 125,000.00 S 378,006.97						N/A - request by	WMP	N/A - this initiative is not associated	N/A - this initiative	Replaces all 28.93 circuit miles of overhead sub- transmission lines (34.5 kV) with covered wire over a 6- year period. 2020-2025. Total Capix estimated at
3. Covered conductor installation	2021	\$ 1,821,993.60 \$ 1,821,993.60	\$ 1,821,993.60 \$ 1,821,993.60	s -	4.82	\$ 378,006.97	Contact from object.	872,292.38	0.48	Wildfire-Significant Loss of Property	New	approval of 2020 WMP	Memorandum Account	with specific regulations. The	is not associated with a specific rule	\$10,931,962. 2019 Plan figures include \$458,000 for the Covered Conductor Replacement Pilot Program and
	2022 2020-2022 plan total	\$ 1,821,993.60 \$ 5,465,980.80	\$ 1,821,993.60 \$ 5,465,980.80	s -	4.82 14.46	\$ 378,006.97 \$ 378,006.97								program exceeds standard design.		\$292,000 for the Covered Conductor Wrap Pilot Program.
	2019 plan 2019 actual	3 3,403,300.00	3,403,380.80		2440	374,000.37					-			+		
Covered conductor maintenance	2020 2021 2022	Bear Valley Electric Se	ervice does not have spe	ocific wildfire mitigati	on grid design and syst	tem hardening initiativ	es focused on covered conduct	or maintenance. As B	ES progresses with i	ts implementation of its	s wildfire mitigation i	initatives, the utility wi	Il continue to evaluat	e covered conductor i	maintenance initiative	s specific to wildfire mitigation.
	2020-2022 plan total 2019 plan 2019 actual															
Crossarm maintenance, repair, and replacement	2020 2021	Bear Valley Electric Si Routine crossarm ma					tive focused on crossarm maint and correction programs, with an				on program improve	ment, as included in Ta	able 24 Asset manage	ment and inspections		
	2022 2020-2022 plan total 2019 plan															
<ol> <li>Distribution pole replacement and reinforcement, including</li> </ol>	2019 actual 2020 2021	Bear Valley Electric Se poles.	ervice's distribution poli	replacement and re	inforcement efforts, in	cluding with composit	e poles, are encompassed by ar	ed address in Table 24	Initiative 6. Intrusive	pole inspections. Unde	er this initiative, BVES	s tests all poles to load	ing standards, GO95	requirements, intrusio	ve inspection criteria a	nd age, and then replaces or remediates non-compliant
with composite poles	2022 2020-2022 plan total	6 3 500 000 00	Te 3 con one on		T	T	I	T.	I	1		T	I		T	T
7. Expulsion fuse	2019 olan 2019 actual 2020	\$ 2.600.000.00 \$ 572.000.00 \$ 4.628.000.00	\$ 2.600.000.00 \$ 572.000.00 \$ 4.628.000.00	\$ .	N/A - this is a System Wide	N/A - this is a System Wide	Fuse failure-all.	872,292.38	0.34	Wildfire-Significant	New	N/A - this is an	WMP Memorandum	Exceeds	GO 95	Replaces all conventional (expulsion) fuses with current
replacement	2021 2022 2020-2022 plan total	S - S 5.200.000.00	S - S 5.200.000.00	\$ . \$ .	Initiative	Initiative				Loss of Property		existing initiative	Account			limiting (ELF) and electronic fuses (Fuse TripSavers).
8. Grid topology	2019 plan 2019 actual															
improvements to mitigate or reduce PSPS events	2021 2022	Bear Valley Electric Si	ervice does not have a s	pecific wildfire mitiga	tion grid design and sy	ystem hardening initiat	ive focused on grid topology im	provements to mitiga	te or reduce PSPS ev	ents in addition to thos	e described elsewher	re in Table 23 such as I	nitiatives 16(a)-16(f).			
	2020-2022 olan total 2019 plan	\$ 1,940,844.50	\$ 1,940,844.50	s -												
	2019 actual	\$ 155,267.56	\$ 155,267.56	ş .												Install grid automation. Fully instruments and automates BVES grid. Consists of installing a service area wide network operating on a SCADA system, substation
Installation of system automation equipment	2020	\$ 2,536,036.81	\$ 2,536,036.81	s .	N/A - this is a System Wide	N/A - this is a System Wide	Contact from object, all types of equipment/facility failure, wire-to-wire	1,148,135.45	0.59	Wildfire-Significant Loss of Property. Loss of Energy	Existing	D. 19-08-027	GRC	N/A - this initiative is not associated with a specific	N/A - this initiative is not associated	automation, remote fault indicators, remote metering and power sensors and remote switching equipment to
equipment	2021	\$ 2,536,036.81	\$ 2,536,036.81	s -	Initiative	Initiative	contact/contamination			Supplies				regulation	with a specific rule	enable BVES to significantly improve its capability to detect and isolate faults rapidly before ever rolling out a crew. 8% complete as of January 2020. Total CapEx of
	2022 2020-2022 plan total	\$ 2,536,036.81	\$ 2,536,036.81	s -	1											\$7,763,368 over 4-year Execution Period, 2019-2022.
10. Maintenance, repair,	2020-2022 plan total 2019 plan 2019 actual	\$ 7,763,378.00	\$ 7,763,378.00		1	-	<u> </u>	I	I	-		-	I	1	1	<u> </u>
and replacement of connectors, including hotline clamps	2020 2021	Bear Valley Electric Se	ervice does not have a s	pecific wildfire mitiga	tion grid design and sy	ystem hardening initiat	ive focused on maintenance, re	pair, and replacemen	of connectors, inclu	ding hotline clamps at t	this time. Replaceme	nt of connectors, when	re applicable, is includ	ded in other programs	such as installation of	covered conductor.
	2022 2020-2022 plan total 2019 plan															
<ol> <li>Mitigation of impact on customers and other residents affected during</li> </ol>	2019 actual 2020 2021		ervice does not have spo ms are combined as rele				es focused on mitigation of imp stem hardening that reduce PS						efforts to mitigate th	ne impact on custome	rs and other residents	affected during a PSPS event are captured in Table 28
PSPS event	2022 2020-2022 plan total	Item 5.	Te	Te.	To	Te				1		1			T	
12. Other corrective action	2019 olan 2019 actual 2020	S 5.600.000.00	S 5.600.000.00	S -	S .	\$ 1,985,815.60	Contact from object.	1,148,135.45	0.22	Wildfire-Significant Loss of Property.	New	N/A - this is a new	WMP Memorandum	Exceeds	GO 95	Replaces the 34.5 kV Radford Line (2.82 overhead circuit miles) with covered power lines and poles that are
	2021 2022 2020-2022 olan total	S S	S S 5.600.000.00	S -	S -	\$ - \$ 1,985,815.60	Conductor failure-all.			Wildfire-Public Safety.		initiative	Account			resistant to fire.
13. Pole loading infrastructure hardening	2019 olan 2019 actual 2020			astructure hardening	and replacement pro	gram based on pole lo	ading assessment program is er	compassed by and ad	dressed in Table 24 I	nitiative 6. Intrusive pol	le inspections. Under	r this initiative, BVES to	sts all poles to loadin	g standards, G095 re	quirements, intrusive	inspection criteria and age, and then replaces or
and replacement program based on pole loading assessment program	2021 2022 2020 olan total	remediates non-comp		,						.,.						•
14. Transformers	2019 olan 2019 actual															
maintenance and replacement	2021 2022	Bear Valley Electric Si	ervice does not have a s	pecific wildfire mitiga	tion grid design and sy	ystem hardening initiat	ive focused on transformer ma	intenance and replace	ment. Transformer n	eplacement and mainte	mance is included in	the company's standar	d inspection, mainte	nance, and replaceme	ant protocols	
15. Transmission tower	2020-2022 plan total 2019 plan 2019 actual															
15. Fransmission tower maintenance and replacement	2020 2021 2022	Bear Valley Electric S	iervice does not have a :	specific wildfire mitig	ation grid design and s	ystem hardening initia	tive focused on transmission to	wer maintenance and	replacement outside	of standard inspection	and correction prog	grams described in Tabl	ie 24.			
	2020-2022 plan total 2019 plan	s -	\$ -	ş .												
16. Undergrounding of	2019 actual 2020	\$ 732,018.00 \$ 732,018.00	\$ 732,018.00 \$ 732,018.00		N/A - this is a	N/A - this is a	Contact from object. All types of equipment/facility failure.		4	Wildfire-Significant Loss of Property.	P.0.7	0.40		5-m -		Replaces all tree attachments in the BVES service area
electric lines and/or equipment (a)	2021	\$ 732,018.00 \$ 732,018.00	\$ 732,018.00	s .	System Wide Initiative	System Wide Initiative	Wire-to-wire contact/contamination.	1,146,143.02	1.57	Wildfire-Public Safety.	Existing	D. 19-08-027	GRC	Exceeding	GO 95	with over head or underground lines. Covered in BVES' General Rate Case A. 17-05-004.
	2020-2022 plan total	\$ 2,928,072.00	\$ 2,928,072.00													
16. Undergrounding of	2019 plan 2019 actual 2020	\$ 2,643,236.10 \$ 293.692.90	\$ 2,643,236.10 \$ 293.692.90	s -	N/A - this iniative does not have a	N/A - this inlative does not have a	Contract :			unan -				N/A - this initiative	N/A - this initiative	Safety and Technical Upgrades to Pineknot substation. Converts substation from overhead-type to underground
electric lines and/or equipment (b)	2021	\$ .	\$ -	s .	specific line mileage associated with its implementation	specific line mileage associated with its implementation	Contact from object. All types of equipment/facility failure.	1,143,068.47	0.39	Wildfire-Significant Loss of Property.	Existing	D. 19-08-027	GRC	is not associated with a specific regulation	is not associated with a specific rule	and pad-mounted design with deadfront SCADA enabled equipment. Estimated \$2,936,929.00 CAPEX over 1 year 2019-2020. 90% complete as of January 2020. Covered
	2022 2020-2022 plan total	\$ - \$ 2,936,929.00	\$ - \$ 2,936,929.00	s -		parmentation										in BVES' General Rate Case A.17-05-004.
	2019 plan 2019 actual	S -	\$ - \$ -	s -	N/A - this iniative	N/A - this iniative								N/A - this initiative		Safety and Technical Upgrades to Snow Summit
<ol> <li>Undergrounding of electric lines and/or equipment (c)</li> </ol>	2020 2021	\$ - \$ 1,103,830.18	\$ - \$ 1,103,830.18	s -	does not have a specific line mileage associated with its	does not have a specific line mileage associated with its	Contact from object. All types of equipment/facility failure.	1,143,069.47	1.04	Wildfire-Signficant Loss of Property.	New	D. 19-08-027	GRC	is not associated with a specific	N/A - this initiative is not associated with a specific rule	Substation. Converts substation from overhead-type to underground and pad-mounted design with deadfront
	2022 2020-2022 plan total	\$ - \$ 1,103,830.18	\$ - \$ 1,103,830.18	\$ -	implementation	implementation								regulation		SCADA enabled equipment.
	2019 plan 2019 actual	s -	\$ -	s -	N/A - this injutive	N/A - this injutive										
16. Undergrounding of electric lines and/or	2020	\$ 1,587,675.00 \$ 1,587,675.00	\$ 1,587,675.00		does not have a specific line mileage	does not have a specific line mileage associated with its	Contact from object. All types of equipment/facility failure.	1,143,070.47	0.72	Wildfire-Signficant Loss of Property.	Existing	D. 19-08-027	GRC	N/A - this initiative is not associated with a specific	N/A - this initiative is not associated	Safety and Technical Upgrades to Palomino Substation. Converts substation from overhead-type to underground and pad-mounted design with deadfront SCADA enabled
equipment (d)	2021	\$ 1,587,675.00	\$ 1,587,675.00 \$ 1,587,675.00	\$ -	associated with its implementation	associated with its implementation	and the same of th			spenty				regulation	with a specific rule	equipment.
	2020-2022 plan total 2019 plan	\$ 4,763,025.00 \$ -	\$ 4,763,025.00	s -	0.00	s -										
16. Undergrounding of electric lines and/or	2019 actual 2020	S - 13,224,000.00			0.00 2.89	\$ - \$ 4,571,033.53		872,292.38	0.07	Wildfire-Significant	New	N/A - this is a new	WMP Memorandum	Exceeding	GO 95	Underground Overhead Bare Wire Program - 34.5 kV System. Replaces all overhead sub-transmission bare wire
equipment (e)	2021 2022	\$ 13,224,000.00 \$ 13,224,000.00	\$ 13,224,000.00 \$ 13,224,000.00	s -	2.89	\$ 4,571,033.53 \$ 4,571,033.53	Wire-to-wire contact/contamination.		2.07	Loss of Property.		initiative	Account			with underground facilities. 10-year execution period (2020-2029), estimated \$13,224,000.00 CapEx/year.
	2020-2022 plan total 2019 plan	\$ 39,672,000.00			8.68	\$ 4,571,033.53 \$ .								-		
16. Undergrounding of	2019 actual 2020	\$ . \$ 39,252,480.00	\$ - \$ 39,252,480.00	s -	0.00	S .	Contact from object. All types of equipment/facility failure			Wildfire-Significant		N/A . this is a new	Separate			Underground Overhead Bare Wire Program - 4 kV System. Replaces all overhead 4 kV distribution bare wire
electric lines and/or equipment (e)	2021	\$ 39,252,480.00	\$ 39,252,480.00	s -	23.51	\$ 1,669,323.81	Wire-to-wire	872,292.38	0.02	Wildfire-Significant Loss of Property.	New	N/A - this is a new initiative	Application to Commission	Exceeding	GO 95	System. Replaces all overhead 4 kV distribution bare wire with underground facilities. 10-year execution period 2020-2029, estimated \$39,252,480.000 CapEx/year.
	2022 2020-2022 plan total	\$ 39,252,480.00 \$ 117,757,440.00	\$ 39,252,480.00 \$ 117,757,440.00		23.51 70.54	\$ 1,669,323.81 \$ 1,669,323.81										
45 Hadana -	2019 plan 2019 actual	s -	\$ - \$ -	s -	0.00	s -	Contact from object. All types			Wildfire-Significant						Underground the UTE line. Transfers SCE Ute Line 18.2
<ol> <li>Undergrounding of electric lines and/or equipment (f)</li> </ol>	2020 2021	s -	s -	s -	0.00	s -	of equipment/facility failure. Wire-to-wire contact/contamination.	1,022,629.33	0.13	Loss of Property. Loss of Energy Supplies	New	N/A - this is a new initiative	Separate Applicator to Commission	Exceeding	GO 95	assets to BVES and undergrounds the facilities from Goldhill to BVES Shay and Baldwin Auto Reclosers. Planned for 2023 at \$3.5 million CapEx.
	2022 2020-2022 plan total	s -	s - s -	s -	0.00	s -	consecycontamination.			Juppnés						remined for ZUZ3 at \$3.9 million Capts.
17. Updates to grid	2019 olan 2019 actual	Bear Valley Electric Se	ervice does not have an	y specific grid design		wildfire mitigation init	iatives focused on updates to g	rid topology to minim	ze risk of ignition in I	#FTDs at this time. The i	utility recognizes tha	it it should continue to	evaluate upates to g	rid topology as weath	er patterns change an	d overall modeling and assessments evolve.
topology to minimize risk of ignition in HFTDs	2020 2021 2022	Other grid design and Table 23.	d system hardening prog	grams include, as a co	mponent, grid topolog	gy improvements to mi	inimize the risk of ignition in the	HFTD. BVES recogniz	es that it is challengin	ng to mitigate wildfire ri	isk through grid topo	ology changes alone an	d therefore focuses n	nore on augmentation	n of existing circuitry th	nrough system hardening efforts included throughout
	2020-2022 plan total 2019 plan 2019 artual	s -	s -	\$ -	0.00	s -										Boolston of 191 07 classic artists of
18. Other / not listed	2019 actual 2020 2021	\$ 3,513,037.13 \$ 3,513,037.13	\$ 3,513,037.13 \$ 3,513,037.13	s - s -	18.20 18.20	S 193,024.02 S 193,024.02	Contact from object.	872,292.38	0.25	Wildfire-Significant Loss of Property	New	N/A - this is a new initiative	WMP Memorandum Account	Exceeding	GO 95	Replaces all 181.97 circuit miles of overhead distribution 4 kV bare wire in High Risk Areas with covered wire over a 10 year period, 2020-2029. Estimated \$35,130,371 total
	2022 2020-2022 plan total	\$ 3,513,037.13 \$ 3,513,037.13 \$ 10,539,111.39	\$ 3,513,037.13 \$ 3,513,037.13 \$ 10,539,111.39		18.20 18.20 54.60	\$ 193,024.02 \$ 193,024.02 \$ 193,024.02							Account			CapEx.
	2019 olan 2019 actual	S 14.269.000.00	S 14.269.000.00	e	N/A	N/A				N/A - this initiative does not address		Ongoing proceeding under BVES	Cost Recovery TBD - will be addressed in	N/A - this initiative is not associated	N/A - this initiative	Bear Valley Solar Energy Project. Constructs 7.9 MW
19. Other / not listed	2020 2021 2022	s -	s -	s .	N/A N/A N/A	N/A N/A	Loss of Energy Supplies.	2,658,561.70	0.19	any other risk drivers	New	Application 19-03- 008	the project application to the commission	with a specific regulation	is not associated with a specific rule	single axis tilt solar generating facility within BVES service area.
	2020-2022 olan total 2019 olan 2019 actual	S 14.269.000.00	S 14.269.000.00	s .	N/A	N/A				N/A - this initiative			Separate	N/A - this initiative	N/A - this initiative	Construct Energy Storage Facility within BVES Service
20. Other / not listed	2020 2021 2022	\$ 4,575,675.00 \$ 4,575,675.00	\$ 4,575,675.00 \$ 4,575,675.00	s -	N/A	N/A	Loss of Energy Supplies.	2,638,046.13	0.29	does not address any other risk drivers	New	N/A - this is a new initiative	Application to Commission.	is not associated with a specific regulation	is not associated with a specific rule	Territory. Constructs SMW/15Mwh (3-hour) Lithium-Ion NMC BESS utility grade battery connected to the Bear Valley Solar Energy Project. Costs are estimates.
	2020-2022 plan total 2019 plan	\$ 9,151,350.00	\$ 9,151,350.00	s .						N/A - this initiative				N/A - this initiative		Critical Infrastructure PSPS Renewable Avoidance
21. Other / not listed	2019 actual 2020 2021	S 684.000.00 S 684.000.00	S 684.000.00 S 684.000.00	S -	N/A	N/A	Loss of Energy Supplies.	346,994.67	0.51	does not address any other risk	New	N/A - this is a new initiative	Cost Recovery TBD	is not associated with a specific	N/A - this initiative is not associated with a specific rule	Package. Installs utility owned (or partially owned)solar+battery sets at critical infrastructure. 5-year execution period, 2020-2025, estimated \$684,000.00
	2022 2020-2022 plan total	S 684.000.00 S 2.052.000.00	S 684.000.00 S 2.052.000.00		1					drivers				regulation	www.d specific rule	execution period, 2020-2025, estimated \$684,000.00 CapEx/year.

	2019 plan															
	2019 actual												WMP	N/A - this initiative	N/A - this initiative	Hardening of overhead facilities along evacuation routes
22. Other / not listed	2020	S -	s .	S -	N/A	N/A	Wildfire-Public Safety.	1.022.629.33	0.6	Wildfire-Significant	New	N/A - this is a new	Memorandum	is not associated	is not associated	to prevent facilities from falling into evacuation routes
22. Other / Hot sated	2021	S 1.710.000.00	\$ 1.710.000.00	S -	10/10	N/A	Witchie-Fabic Salety.	1,022,023.33	0.0	Loss of Property	· · · · · · · · · · · · · · · · · · ·	initiative	Account	with a specific	with a specific rule	during a wildfire. Estimated \$1,710,000 CAPEX in each
	2022	S 1.710.000.00	\$ 1.710.000.00	S -									Account	regulation	with a specific rule	year 2021-2025. Pilot program cost \$200,000.
	2020-2022 plan total	\$ 3,420,000,00	\$ 3.420.000.00	S -												
	2019 olan															
	2019 actual									N/A - this initiative				N/A - this initiative	N/A - this initiative	BVPP Reliability Upgrades. Upgrades power plant
23. Other / not listed	2020	\$ 925,484,50	\$ 925,484,50	s .	N/A	N/A	Loss of Energy Supplies.	2.602.297.79	2.81	does not address	New	D. 19-08-027	GRC	is not associated	is not associated	electronic controls, emissions monitoring systems.
23. Other / Hot sated	2021	\$ 925,484,50	\$ 925,484,50	s .	14/15	N/A	coss or cinergy suppries.	2,002,237.73	2.02	any other risk	· · · · · · · · · · · · · · · · · · ·	D. 13-00-017	UNL	with a specific	with a specific rule	catalist reliability, and engine performance.
	2022	s -	s .	s .						drivers				regulation	with a specific rule	Catalita remainty, and engine periormance.
	2020-2022 plan total	\$ 1.850,969.00	\$ 1.850,969.00	s .												
	2019 plan															Alternative Tehonologies (Down Wire Detection Relay
	2019 actual						Contact from object. All types							N/A - this initiative	N/A - this initiative	
24. Other / not listed	2020	s -	s -	s -	N/A	N/A	of equipment/facility failure.	1.143.068.47	0.48	Wildfire-Significant	New	N/A - this is a new	Cost Recovery TBD		is not associated	Install On-line Diagnostic Technology Insertion, etc.).
24. Other / not issed	2021	s -	s -	s -	N/A	N/A	Wire-to-wire	1,143,000.47	0.46	Loss of Property	New	initiative	COST RECOVERY I BD	with a specific	with a specific rule	Estimated \$7.113.600 CapEx over 3-year execution
	2022	s -	s -	s -			contact/contamination.							regulation	with a specific rule	period 2023-2025.
	2020-2022 plan total		٠.	٠.										-		period 2023-2025.

Explain the rationale for any utility ignition probability-specific inspections (e.g., "enhanced inspections") within the HFTD as deemed necessary over and above the standard inspections. This shall include information about how (i.e., criteria, protocols, etc.) the electrical corporation determines additional inspections are necessary.

Describe the utility's maintenance protocols relating to maintenance of any electric lines or equipment that could, directly or indirectly, relate to wildfire ignition. Include in the description the threshold by which the utility makes decisions of whether to (1) repair, or (2) replace electric lines and equipment. Describe all electric lines and equipment that the utility "runs-to-failure", those that the utility maintains on a risk-based maintenance plan, and those that are managed by other approaches; describe each approach. Explain the maintenance program that the utility follows and rationale for all lines and equipment.

## Description of programs to reduce ignition probability and wildfire consequence

For each of the below initiatives, provide a detailed description and approximate timeline of each, whether already implemented or planned, to minimize the risk of its equipment or facilities causing wildfires. Include a description for the utility's programs, the utility's rationale behind each of the elements of this program, the utility's prioritization approach/methodology to determine spending and deployment of human and other resources, how the utility will conduct adults or other quality checks on each program, how the utility plans to demonstrate over time whether each component is effective and, if not, how the utility plans to evolve each component to ensure effective spend of ratepayer funds.

Include descriptions across each of the following initiatives. Input the following initiative names into a spreadsheet formatted according to the template below and input information for each cell in the row.

- Detailed inspections of distribution electric lines and equipment
   Detailed inspections of transmission electric lines and equipment
- Improvement of inspections 4. Infrared inspections of distribution electric lines and equipment

- 4. Infrared inspections of distribution electric lines and equipment
  5. Infrared inspections of transmission electric lines and equipment
  6. Intrusive pole inspections of
  6. Intrusive pole inspections
  7. IDAR inspections of distribution electric lines and equipment
  8. IDAR inspections of transmission electric lines and equipment
  9. Other discretionary inspection of distribution electric lines and equipment, beyond inspections mandated by rules and regulations
  10. Other discretionary inspection of transmission electric lines and equipment, beyond inspections mandated by rules and regulations

- 10. Order duscatedomy inspection of anismission rectin mine and 11. Patrol inspections of distribution electric lines and equipment 12. Patrol inspections of transmission electric lines and equipment 13. Pole loading assessment program to determine safety factor 14. Quality assurance / quality control of inspections 15. Substation inspections

- 16. Other / not listed (only if an initiative cannot feasibly be classified within those listed above)

- Before the upcoming wildfire season, Before the next annual update, Within the next 3 years, and Within the next 10 years.

sset management and inspe	ections															
Initiative activity	Year	Total per-initiative spend	Subtotal A: Capital expenditure	Subtotal B: Operating expenses	Line miles to be treated	Spend/ treated line mile	Ignition probability drivers targeted	Risk reduction	Risk-spend efficiency	Other risk drivers addressed	Existing/ new	Existing: What proceeding has reviewed program	If new: Memorandum account	In / exceeding compliance with regulations	Cite associated rule	Comments
Detailed inspections of distribution electric lines and equipment	2019 plan 2019 actual 2020 2021 2022 2022 2022-2022 plan total	Bear Valley Electric S	ervice has not specifie	ed a wildfire mitigation	n asset management a	ind inspections initiati	ive for detailed inspections of	distribution lines and	equipment. The utility	's distribution inspect	ion initiatives are be	st captured in Table 24	Item 11. Patrol insper	ctions of distribution li	ines and equipment	
2. Detailed inspections of transmission electric lines and equipment	2019 plan 2019 actual 2020 2021 2021 2022 2020-2022 plan total	Bear Valley Electric	Service does not have	any transmission line	s or equipment as all t	he utility's lines are b	elow 65kV.									
	2019 plan 2019 actual 2020 2021 2021 2020 2022 plan total	N/A - Elements already captured in other relevant programs	N/A - Elements already captured in other relevant programs	N/A - Elements already captured in other relevant programs	N/A - Elements already captured in other relevant programs	N/A - Elements already captured in other relevant programs	All types of equipment failure; Contact from object	N/A - Elements already captured in other relevant programs	N/A - Elements already captured in other relevant programs	N/A - Elements already captured in other relevant programs	New in 2019	CA GO 95 & 165	N/A - Elements already captured in other relevant programs	In compliance with Regulation	GO 95 & 165	Improvements of Bear Valley Electric Service's inspections have already been captured in other initiatives
4. Infrared inspections of distribution electric lines and equipment	2019 plan 2019 actual 2020 2021 2021 2022 2022 plan total	\$ 125,220.05 \$ 125,220.05 \$ 125,220.05 \$ 125,220.05 \$ 125,220.05 \$ 375,660.15	\$ . \$ . \$ . \$ .	\$ 125,220.05 \$ 125,220.05 \$ 125,220.05 \$ 125,220.05 \$ 125,220.05 \$ 375,660.15	70.27 70.27 70.27 70.27 70.27 70.27 210.81	\$ 1,781.98 \$ 1.781.98 \$ 1.781.98 \$ 1,781.98 \$ 1,781.98 \$ 1,781.98 \$ 1,781.98	Contact from object, all types of equipment/facility failure, wire-to-wire contact/contamination	151,260.94	1.21	Wildfire-Significant Loss of Property	Existing	GRC	N/A - this is an existing initiative	Exceeding	GO-95	Contract Exacter Services. Conduct survey of BVES overhead system on 3- year cycle using infrared, ultrasonic and EMI sensors. Approximately 1/3 of OH system surveyed each year.
5. Infrared inspections of transmission electric lines and equipment	2019 plan 2019 actual 2020 2021 2021 2022 2020-2022 plan total		ervice does not have a				clow 65kV.									
6. Intrusive pole inspections	2019 plan 2019 actual 2020 2021 2022 2022 2022 plan total	\$ 2,444,130,60 \$ 2,444,130,60 \$ 2,444,130,60 \$ 2,444,130,60 \$ 2,444,130,60 \$ 7,332,391,80	\$ 2,444,130,60 \$ 2,444,130,60 \$ 2,444,130,60 \$ 2,444,130,60 \$ 2,444,130,60 \$ 7,332,391,80	\$ . \$ . \$ .	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	All types of equipment/facility failture, wire-wire contact/contamination	872,292.38	0.36	Wildfire-Significant Loss of Property	Existing	D. 19-08-027	GRC	In compliance with Regulation	GO-95	Test all poles to loading standards, GO95 requirements, intrusive inspection criteria and age and then, replaces or remediates non-compliant poles.
7. LIDAR inspections of distribution electric lines and equipment	2019 plan 2019 actual 2020 2021 2021 2022 2020-2022 plan total	\$ 220,000.00 \$ 220,000.00 \$ 375,660.14 \$ 375,660.14 \$ 375,660.14 \$ 1,126,980.42	\$	\$ 220,000.00 \$ 220.000.00 \$ 375,660.14 \$ 375,660.14 \$ 1,126,980.42	210.81 210.81 210.81 210.81 210.81 632.43	\$ 1,043.59 \$ 1,043.59 \$ 1,781.98 \$ 1,781.98 \$ 1,781.98 \$ 1,781.98	Contact from object, all types of equipment/facility failure, wire-to-wire contact/contamination	1,145,870.45	3.05	Wildfire-Significant Loss of Property	New	A - this is a new initia	WMP Memorandum Account	Exceeding	GO-165	Conduct LIDAR surveys of BVES overhead system on a semi-annual basis.
Other discretionary inspection of distribution electric lines and equipment  Other discretionary inspection of distribution electric lines and equipment, beyond inspections mandated	2019 actual 2020 2021 2021 2022 2030-2022 plan total 2019 plan 2019 actual 2020 2021		Service does not have ervice does not have :				elow 65kV.	ary inspections of dis	tribution electric lines	and equipment beyor	nd inspections manda	ited by rules and regul	ations at this time tha	t have not been captu	red in other initiative:	
inspection of transmission electric lines and equipment, beyond inspections mandated	2020-2022 plan total 2019 plan 2019 actual 2020 2021 2021 2022 2022 2022 plan total	Bear Valley Electric	Service does not have	any transmission line	s or equipment as all t	he utility's lines are b	elow 65kV.									
11. Patrol inspections of distribution electric lines and equipment	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	\$ \$ 140,872.55 \$ 140,872.55 \$ 140,872.55 \$ 422,617.65	\$ - \$ - \$ - \$ - \$ -	\$ \$ 140,872.55 \$ 140,872.55 \$ 140,872.55 \$ 422,617.65	0.00 0.00 210.81 210.81 210.81 \$ 632.43	\$ \$	Contact from object, all types of equipment/facility failure, wire-to-wire contact/contamination	1,024,621.77	7.27	N/A - all risk drivers have been captured in the Ignition probability drivers targeted	New	N/A - this is a new initiative	WMP Memorandum Account.	Exceeding	GO-165	Conduct annual 2nd Ground Patrol of overhead facilities by 3rd party. This is in addition to 8VES GO-165 annual ground patrol.
12. Patrol inspections of transmission electric lines and	2019 plan 2019 actual 2020 2021 2022 2022 2022 plan total	Bear Valley Electric	Service does not have	any transmission line	s or equipment as all t	he utility's lines are b	elow 65kV.									
13. Pole loading assessment program to determine safety factor	2019 plan 2019 actual 2019 actual 2020 2021 2022 2022	Bear Valley Electric	Service's wildfire mitig	pation asset managem	ent and inspections p	ole loading assessmen	nt program to determine safety	factor is fully capture	ed in Table 24 Initiative	6. Intrusive pole insp	ections.					
14. Quality assurance / quality	2019 plan	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	All	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	Existing	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	General initiative and best practices applied to and accounted for in other relevant initiatives
	2019 plan 2019 actual 2020 2021 2021 2022 2022 plan total	Bear Valley Electric S	ervice's substation ins	spections are fully cap	tured in Table 24 Item	11. Patrol inspections	s of distribution electric lines a	nd equipment								
	2019 plan 2019 actual 2020 2021 2021 2022 2022 2022 plan total	\$ 165,238.29 \$ 165,238.29 \$ 165,238.29 \$ 165,238.29 \$ 165,238.29 \$ 495,714.87	\$ - \$ - \$ - \$ - \$ -	\$ 165,238.29 \$ 165,238.29 \$ 165,238.29 \$ 165,238.29 \$ 165,238.29 \$ 495,714.87	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	Contact from object, all types of equipment/facility failure, wire-to-wire contact/contamination	1,145,870.45	6.93	N/A - all risk drivers have been captured in the Ignition probability drivers targeted	Existing	D. 19-08-027	GRC	N/A - this initiative is not associated with specific regulations	N/A - this initiative is not associated with specific regulations	Electrical Preventative Maintenance Program. Program to conduct preventive maintenance and safety checks on major substation and field equipment. RSE is an estimate based on latest available risk assessment.

Explain the rationale for any utility ignition probability-specific inspections (e.g., "enhanced inspections") within the HFTD as deemed necessary over and above the standard inspections. This shall include information about how (i.e., criteria, protocols, etc.) the electrical corporation determines additional inspections are necessary.

Describe the utility's vegetation treatment protocols relating to treatment of any vegetation that could pose a grow-in or fall-in risk to utility equipment. Include in the description the threshold by which the utility makes decisions of whether to [1]

- Discuss the overall objectives, strategies, and tactics of the electrical corporation for vegetation management. In the discussion,

  1. Address how the electrical corporation has collaborated with local land managers to leverage opportunities for fuel treatment activities and fire break creation, and compliance with other local, state, and federal forestry and timber regulations.

  2. Discuss how the electrical corporation identifies and determines which vegetation is at risk of ignition from utility electric lines and equipment.

  3. Describe how (i.e., criteria, data, protocols, studies, etc.) the utility made the determination to trim any vegetation beyond required clearances in C0 95.

  4. Describe how (i.e., criteria, data, protocols, studies, etc.) the electrical corporation identifies and defines "hazard trees" and "trees with strike potential" based on height and feasible path to strike powerlines or equipment. Describe utility plan to identify reliability/at-risk tree species to trim or remove, where feasible, per location-specific criteria.

  5. Include a discussion of how the utility's overall vegetation management initiatives address risks that may arise from trimming or removing trees, including but not limited to erosion, wind, flooding, etc.

### Description of programs to reduce ignition probability and wildfire consequence

For each of the below initiatives, provide a detailed description and approximate timeline of each, whether already implemented or planned, to minimize the risk of its equipment or facilities causing wildfires. Include a description of the utility's initiatives, the utility's rationale behind each of the elements of the initiatives, the utility's prioritization approach/methodology to determine spending and deployment of human and other resources, how the utility will conduct audits or other quality checks on each initiative, but the utility is not be demonstrate over time whether each component or for since reflective spend of ratepayer fund of ratepayer fund of ratepayer fund of ratepayer fund of ratepayer fund.

Include descriptions across each of the following initiatives. Input the following initiative names into a spreadsheet formatted according to the template below and input information for each cell in the row

- Additional efforts to manage community and environmental impacts

  Detailed inspections of vegetation around distribution electric lines and equipment
- Detailed inspections of vegetation around transmission electric lines and equipment Emergency response vegetation management due to red flag warning or other urgent conditions Fuel management and reduction of "slash" from vegetation management activities

- Fuel management and reduction of "slash" from vegetation management activities

  Improvement of inspections

  LiDAR inspections of vegetation around distribution electric lines and equipment

  LiDAR inspections of vegetation around ransmission electric lines and equipment

  LiDAR inspections of vegetation around transmission electric lines and equipment, beyond inspections management activities

  Other discretionary inspection of vegetation around distribution electric lines and equipment, beyond inspections managed by rules and regulations

  Other discretionary inspection of vegetation around stransmission electric lines and equipment, beyond inspections manadated by rules and regulations

  Patrol inspections of vegetation around transmission electric lines and equipment

  Autility assurance / quality control of inspections

  Recruiting and training of vegetation management personnel

  Remediation of air-risk species

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

  Substation inspections

  Substation management

  Vegetation invertory system

  Vegetation invertory system

- Before the upcoming wildfire season.
- Before the next annual update.
- Within the next 3 years, and Within the next 10 years.

Table 25: 1 Resposine

25: Vegetation management owne to WSD data request item	and inspections															
to WSD data request from	Vear	Total per-initiative spend	Subtotal A: Capital expenditure	Subtotal B: Operating expenses	Line miles to be treated	Spend/ treated line mile	Ignition probability drivers targeted	Risk reduction	Risk-spend efficiency	Other risk drivers addressed	Existing/new	Existing: What proceeding has reviewed program	If new: Memorandum account	in / exceeding compliance with regulations	Cite associated rule	Comments
Additional efforts to manage community and environmental impacts	2019 olan 2019 actual 2020 2021 2022 2022 2020-2022 olan total		ervice does not have a	specific wildfire mitiga	tion vegetation manag	ement and inspection is	nitiative dedicated to this effort	at this time. The utility	recognizes that addit	ional efforts to manage	community and envi	connental impacts are	critical to reducing will	dfire risk and conduct	such efforts on an as-	needed bask, as well as incorporating additional efforts within other programs such as those in Table 29 and Table 20.
<ol> <li>Detailed inspections of vegetation around distribution electric lines and equipment</li> </ol>	2019 olan 2019 actual 2020 2021 2022 2022 2022 2020-2022 olan total	\$ 3265 112.69 \$ 3265 112.69 \$ 3265 112.69 \$ 3265 112.69 \$ 1365 112.69 \$ 9.795 338.07	\$ . \$ . \$ .	\$ 1265.112.69 \$ 1265.112.69 \$ 1265.112.69 \$ 1265.112.69 \$ 1265.112.69 \$ 1265.112.69	N/A - this is a System Wide initiative	N/A - this is a System Wide Initiative	Contact from object, all types of equipment/facility failure, wire-to-wire contact/contamination	872,292.38	0.27	Wildfire-Significant Loss of Property	Existing	D.19-08-027	FIPMA (not new)	Exceeding	60-95	Increases vegetation clearances, criterial for tree removals, and eliminates overhang on sub-transmission. These are above the 2017 baseline vegetation clearances that were in effect before CPUC Decision 17-12-03-0 December 14, 2017 was adopted.
Detailed inspections of vegetation around transmission electric lines and equipment	2019 stan 2019 actual 2019 2021 2021		iervice does not have a		or equipment as all the	utility's lines are below	esav.									
Emergency response wegetation management due to red flag warning or other urgent conditions	2020-2022 ofan total 2019 ofan 2019 actual 2020 2021 2021 2022	Bear Valley Electric So Grid Operations and	ervice does not have a Protocols.	specific wildfire mitiga	tion vegetation manag	ement and inspection i	nitiative dedicated to this effort	at this time. The utility	recognizes that emer	gency response vegetal	tion management due	to red flag warnings o	other urgent condition	ons are critical to redu	cing wildfine risk and h	s already incorporated these efforts into the utility's existing Emergency Response and Proposedness Plan as well as the initiatives described in Table 26
<ol> <li>Fuel management and reduction of "slash" from vegetation management activities</li> </ol>	2009-2022 olan total 2019 olan 2019 actual 2020 2021 2021 2022	Bear Valley Electric So	ervice does not have a	specific wildfire mitiga	tion vegetation manag	ement and inspection i	nitiative dedicated to this effort	at this time. Fuel mans	agement and reductio	n of "slash" from vegets	ation management ac	tivises have been inco	porated into the utilit	y's ongoing and newly	proposed vegetation r	anagement leilaidves as described in Table 25.
6. Improvement of inspections	2020-2022 olan total 2020 olan 2020 otan 2020 2020 2021 2022 2022 2022 2022 olan total	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	Contact from object	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	Reduces escalation should an ignition event occur through removal of fuel	Existing	2017 GRC & 2019 WMP	N/A - Elements already captured in other relevant initiatives	In compliance with Regulation	6095	Program incorporated new requirements in 2010
UDAR inspections of vegetation around distribution electric lines and equipment	2010 olan 2019 actual 2020 2021 2021 2022 2022 2022 2022 202	Bear Valley Electric So	ervice's LIDAR inspectio	ns of vegetation arou	nd distribution electric	lines and equipment a	e captured in Table 24 Initiative	7. LIDAR inspections of	of distribution electric	lines and equipment.						
UDAR inspections of vegetation around transmission electric lines and equipment	2019 olan 2019 olan 2019 artual 2019 artual 2021 2021 2022	Bear Valley Electric S	iervice does not have a	ny transmission lines o	or equipment as all the	utility's lines are below	ssev.									
Uther discretionary inspection of vegetation around distribution electric lines and equipment, beyond inspections mandated by rules and at 100 and associately	2019 plan 2019 actual 2020 2021 2022 2022 2022 2022 2022 202	Bear Valley Electric S	iervice does not have a	ny other discretionary	inspections of vegeta	tion around distribution	electric lines and equipment be	yond inspections man	ndated by rules and re	gulations and other des	cribed initiatives at th	is time.				
inspection of vegetation around transmission electric lines and equipment, beyond inspections mandated by	2019 dian 2010 artisal 2020 2021 2022 2022 dian total	Bear Valley Electric S	iervice does not have a	ny transmission lines o	or equipment as all the	utility's lines are below	ssev.									
<ol> <li>Patrol inspections of vegetation around distribution electric lines and equipment</li> </ol>	2019 olan 2019 actual 2020 2021 2022 2022 2022 olan total	Bear Valley Electric So	ervice's patrol inspectio	ons of vegetation arou	nd distribution electric	lines and equipment a	e fully captured in Table 25 Inis	ative 2. Detailed inspe	ction of vegetation ar	ound distribution electr	ic lines and equipmen	t and Table 24 Initiative	s 11. Patrol inspection	s of distribution elect	k lines and equipment	
<ol> <li>Patrol inspections of vegetation around transmission electric lines and equipment</li> </ol>	2019 actual 2019 actual 2020 2021 2022 2022 2020-2022 olan total		iervice does not have a	ny transmission lines o	or equipment as all the	utility's lines are below	ssev.									
13. Quality assurance / quality control of inspections	2019 plan 2019 actual 2020 2021 2022 2022 2020 plan total	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	All	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	N/A - Elements already captured in other relevant initiatives	Existing	N/A - Elements already captured in other relevant initiatives	General initiative and best practices applied to and accounted for in other relevant initiatives			
	2019 plan 2019 actual	s -	s -	s -												Pleas à Milline martret d'uit primeire à partielle BES bass. This pub dates d'in contrait invent modit include requiration larger de la martie de la contrait de la commandation de dage investigation au partielle de la commandation de la commandation de la commandation de dage investigation set fort his 90S. Auditie prême mile specific voix audit la commandation se partielle profession de la commandation set fort his 90S. Container Contractions auditable in tribitor of lavor se a tempe de provisione autoris audit and the may sark a la nanore that set support the policies and providers of BES. This included a southern conflictation, permit registriates, conflict resolution, souther support the policies and providers of BES. This included a southern conflictation, permit registriates, conflict resolution, subsett support themptions and provide plearer manares in contraction, subsidiaries has made of various week provide black STD sections.
<ol> <li>Recruiting and training of vegetation management personnel</li> </ol>	2020 2021 2022	\$ 226,961.33 \$ 226,961.33 \$ 226,961.33	s - s -	\$ 226,961.33 \$ 226,961.33 \$ 226,961.33	N/A - this is a System Wide initiative	N/A - this is a System Wide initiative	Contact from object, all types of equipment/facility failure, wire-to-wire contact/contamination	151,260.94	0.67	Wildfire-Significant Loss of Property	New	N/A - this is a new initiative	WMP Memorandum Account	Exceeding	GD95	Administrative furform data wetty, consistative sunt, monitor cores schelling bents, truck completed work, capture pitchel documentation of specific condisions and other administrative lesis has readed. Developing Water Frest, 1997, 1
15. Remediation of ab-risk species	2020-2022 plan total 2010 nlan 2019 actual 2020 2021	\$ 680,881.99  Remediation of at-risi	\$ - k species is a subset to	\$ 680,881.99 the company's vegeta	tion management pra	ctices to achieve cleara	nces around electric lines and ec	sulpment as described	in Table 25, particula	ly Table 24 Item 14. As	such, Bear Valley Ele	ctric Service does not h	ave a specific wildfire	mitigation initiative fo	r remediation of at-risi	Contracts: Safety Utservisions: Coverv's contractors at they work and provide safety personal reconscision to nep ensure a program that is best in class not only in vegetation management, but safety as well.
16. Removal and remediation of trees with strike potential to electric	2002 20020-2022 olan total 2019 olan 2019 actual 2019 actual 2021	Removal and remedia	ation of trees with strik	e potential to electric l	ines and equipment is	a subset to the compar	y's vegetation management pra	actices to achieve clean	rances around electric	lines and equipment as	described in Table 2	i, particularly Table 24	item 14. As such, Bea	r Valley Electric Servic	e does not have a spec	ic widfre mitigation initiative for removal and remediation of trees with strike potential at this time.
lines and equipment  17. Substation inspections	2022 2030, 2022 nlan total 2019 sites 2019 actual 2020 2021	Substation vegetation	n management is a sub	set to the company's o	overall vegetation man	agement initiatives as o	escribed in Table 25.									
18. Substation vegetation management	2022 2020-2022 olan total 2019 olan 2019 olan 2020 2021	Substation inspection	ns are a subset to the co	ompany's overall vege	tation management in	spections as described	in Table 25 Initiatives 2. and 14.									
19. Vegetation inventory system	2020-2022 olan total 2020 olan 2029 actual 2020 2021 2022	Bear Valley Electric Se	ervice does not have a	specific wildfire mitiga	tion initiative dedicate	d to the creation and m	anagement of a vegetation inve	ntory system at this tin	me. The company's ut	lity forester, as describ	ed in Table 25 Item 1	L, maintains such a sys	tem.			
20. Vegetation management to achieve clearances around electric lines and equipment	2000-2022 olan total 2010-2022 olan total 2010 olan 2020 2020 2022	Vegetation managem	ent to achieve clearans	es around electric line	s and equipment is co	ptured in Table 25 Item	n 2. and 14.									
	2020-2022 olan total 2019 plan 2019 actual	N/A - the utility does	N/A - the utility does	N/A - the utility does	N/A - the utility does	N/A - the utility does		N/A - the utility does	N/A - the utility does	N/A - the utility does	N/A - the utility does	N/A - the utility does	N/A - the utility does	N/A - the utility does	N/A - the utility does	
21. Other / not listed	2020 2021 2022	not have any other or unlisted vegetation management initiatives	not have any other or unlisted vegetation management initiatives	not have any other or unlisted vegetation management initiatives	not have any other or unlisted vegetation management initiatives	not have any other or unlisted vegetation management initiatives	N/A - the utility does not have any other or unlisted vegetation management initiatives	not have any other or unlisted vegetation management initiatives	not have any other or unlisted vegetation management initiatives	not have any other or unlisted vegetation management initiatives	not have any other or unlisted vegetation management initiatives	not have any other or unlisted vegetation management initiatives	not have any other or unlisted vegetation management initiatives	not have any other or unlisted vegetation management initiatives	not have any other or unlisted vegetation management initiatives	N/A - the utility does not have any other or unlated vegetation management initiatives
	2020-2022 plan total	l														

### 5.3.6

## Description of programs to reduce ignition probability and wildfire consequence

For each of the below initiatives, provide a detailed description and approximate timeline of each, whether already implemented or planned, to minimize the risk of its equipment or facilities causing wildfires. Include a description of the utility's initiatives, the utility's rationale behind each of the elements of the initiatives, the utility's prioritization approach/methodology to determine spending and deployment of human and other resources, how the utility will conduct audits or other quality checks on each initiative, how the utility plans to demonstrate over time whether each component of the initiatives is effective and, if not, how the utility plans to evolve each component to ensure effective spend of ratepayer funds.

Include descriptions across each of the following initiatives. Input the following initiative names into a spreadsheet formatted according to the template below and input information for each cell in the row. Include descriptions across each of the following initiatives. Input the following initiative names into a spreadsheet formatted according to the template below and input information for each cell in

1. Automatic recloser operations

2. Crew-accompanying ignition prevention and suppression resources and services

3. Personnel work procedures and training in conditions of elevated fire risk

4. Protocols for PSPS re-energization

5. PSPS events and mitigation of PSPS impacts

6. Stationed and on-call ignition prevention and suppression resources and services

7. Other / not listed joinly if an initiative cannot feasibly be classified within those listed above]

For each of the above initiatives, describe the utility's current program and provide an explanation of how the utility expects to evolve the utility's program over each of the following time periods:

- Before the upcoming wildfire season,
   Before the next annual update,
   Within the next 3 years, and
   Within the next 10 years.

### Table 26: Grid operations and protocols

Initiative activity	Year	Total per-initiative spend	Subtotal A: Capital expenditure	Subtotal B: Operating expenses	Line miles to be treated	Spend/ treated line mile	Ignition probability drivers targeted	Risk reduction	Risk-spend efficiency	Other risk drivers addressed	Existing/ new	Existing: What proceeding has reviewed program	If new: Memorandum account	regulations	Cite associated rule	Comments
Automatic recloser operations	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	\$ 100,000.00 \$ 100,000.00 \$ 200.000.00 \$ - \$ - \$ 200,000.00	\$ 100,000.00 \$ 100,000.00 \$ 200,000.00 \$ - \$ - \$ 200,000.00	\$ . \$ . \$ .	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	Contact from object, all types of equipment/facility failure, wire-to-wire contact/contamination	1,115,048.65	3.72	Wildfire-Significant Loss of Property	Existing	D. 19-08-027	GRC	N/A - this initiative is a non-standard operating practice unassociated with any specific regulation	N/A - this initiative is a non-standard operating practice unassociated with any specific regulation	Automatic Recloser Upgrades. Recloser replacement to reduce electrical sparking, while also helping mitigate power outages and equipment damage. Estimated 33% completion in 2019.
Crew-accompanying ignition prevention and suppression resources and services	2019 plan 2019 actual 2020 2021 2022 2020 2020 2020 2020 202	ignition prevention a	nd suppression resou	rces and services. Addi	tionally, during eleva	ted risk conditions or		pecific work practices	and protocols and ma	ikes available specific	resources and tools fo	or use by operations p	ersonnel as included i			which can include crew-accompanying rrently have a specific grid operations
Personnel work     procedures and training in     conditions of elevated fire     risk	2019 plan 2019 actual 2020 2021 2022 2020 2020 plan total	\$ 65,740.52 \$ 65,740.52 \$ 65,740.52 \$ 65,740.52 \$ 65,740.52 \$ 65,740.52 \$ 197,221.56	\$ - \$ - \$ - \$ - \$ -	\$ 65,740.52 \$ 65.740.52 \$ 65,740.52 \$ 65,740.52 \$ 65,740.52 \$ 197,221.56	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	Contact from object, all types of equipment/facility failure, wire-to-wire contact/contamination	146,466.53	2.23	Wildfire-Significant Loss of Property	Existing	D. 19-08-027	GRC	N/A - this initiative is a non-standard operating practice unassociated with any specific regulation	N/A - this initiative is a non-standard operating practice unassociated with any specific regulation	Wildfire infrastructure Protection Teams. Roles and responsibilities for staff to respond to protect system infrastructure in case of emergencies.
4. Protocols for PSPS re- energization	2019 plan 2019 actual 2020 2021 2022 2022 2020-2022 plan total	Bear Valley Electric S	ervice considers re-en	ergization after a PSPS	event to be a subset	of outage restoration	and re-energization protocols gene	rally included in Table	26. Therefore, the ut	lity does not have a so	eparate protocol for P	SPS.				
5. PSPS events and miltigation of PSPS Impacts	2019 plan 2019 actual 2020 2021 2022 2022 plan total	\$ 42,000.00 \$ . \$ 42,000.00 \$ 42,000.00 \$ 126,000.00	s - s - s - s - s	\$ 42,000.00 \$ . \$ 42,000.00 \$ 42,000.00 \$ 126,000.00	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	All	777,385.29	18.51	Wildfire-Significant Loss of Property	Existing/New	D. 19-08-027	GRC and WMP Memorandum Account	In compliance	R. 18-12-005	PSPS Protocols. Protocols and procedures to respond to and recover from de-energization events, which proactively prevent wildfires. Costs partially recovered. RSE is an estimate based on latest risk assessment.
6. Stationed and on-call ignition prevention and suppression resources and services	2019 plan 2019 actual 2020 2021 2022 2022 2020 2020 2022 plan total				l on-call ignition prev	ention and suppressic	n resources and services not captu	red in existing initiativ	es.							
7. Other / not listed	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	N/A - costs recovered in BVES' General Rate Case a. 17-05-004.	N/A - costs recovered in BVES' General Rate Case a. 17-05-004.	N/A - costs recovered in BVES' General Rate Case a. 17-05-004.	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	Contact from object, all types of equipment/facility failure, wire-to-wire contact/contamination	1,022,629.33	N/A - this initiative is not associated with a specific Risk- Spend Efficiency	Wildfire-Significant Loss of Property	Existing	D. 19-08-027	GRC	N/A - this initiative is a non-standard operating practice unassociated with any specific regulation	N/A - this initiative is not associated with any specific regulation	Operational Considerations/Special Work Procedures. Operational procedures that are conditions-based to optimize the distribution system for wildfire mitigation. Costs recovered in BVES' General Rate Case A.17.05-004.

### 5.3.7

## Description of programs to reduce ignition probability and wildfire consequence

For each of the below initiatives, provide a detailed description and approximate timeline of each, whether already implemented or planned, to minimize the risk of its equipment or facilities causing wildfires. Include a description of the utility's initiatives, the utility's rationale behind each of the elements of the initiatives, the utility's prioritization approach/methodology to determine spending and deployment of human and other resources, how the utility will conduct audits or other quality checks on each initiative, how the utility plans to demonstrate over time whether each component of the initiatives is effective and, if not, how the utility plans to evolve each component to ensure effective spend of ratepayer funds.

Include descriptions across each of the following initiatives. Input the following initiative names into a spreadsheet formatted according to the template below and input information for each cell in the row.

- across each of the following initiatives. Input the following initiative names into a spreadsheet for

  1. Centralized repository for data

  2. Collaborative research on utility ignition and/or wildfire

  3. Documentation and disclosure of wildfire-related data and algorithms

  4. Tracking and analysis of near miss data

  5. Other / not listed [only if an initiative cannot feasibly be classified within those listed above]

The list provided is non-exhaustive and utilities shall add additional initiatives to this table as their individual programs are designed and structured. Do not create a new initiative if the utility's initiatives can be classified under a provided initiative. For each of the above initiatives, describe the utility's current program and provide an explanation of how the utility expects to evolve the utility's program over each of the following time periods:

- Before the upcoming wildfire season, Before the next annual update, Within the next 3 years, and Within the next 10 years.

Table 27 Respons

7: Data governance	- DVEC 43970 V 14	. 99	s 420.00													
Initiative activity	Year		Subtotal A: Capital	Subtotal B: Operating expenses		Spend/ treated line mile	Ignition probability drivers targeted	Risk reduction	Risk-spend efficiency	Other risk drivers addressed	Existing/ new	Existing: What proceeding has reviewed program	If new: Memorandum account	In / exceeding compliance with regulations	Cite associated rule	Comments
Centralized repository for data	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	\$ 46.382.29 \$ 46.382.29 \$ 46.382.29 \$ 46,382.29 \$ 46,382.29 \$ 139,146.87	\$ - \$ - \$ -	\$ 46.382.29 \$ 46.382.29 \$ 46.382.29 \$ 46,382.29 \$ 46,382.29 \$ 139,146.87	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	All	148,458.96	3.20	Wildfire-Significant Loss of Property.	Existing	D. 19-08-027	GRC	N/A - this initiative is unassociated with any specific regulation	N/A - this initiative is unassociated with any specific regulation	GIS Data Collection & Sharing, Maintain and share Geographic Information System (GIS) database on system Infrastructure for asset management and planning with key stakeholders.
Collaborative research     on utility ignition and/or     wildfire	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	Bear Valley Electric s utility ignition and/o		a specific wildfire mitig	gation data governan	ce plan focused on coll	aborative research or	nutility ignition and/or	wildfire at this time.	The company generally	y collaborates with M	lutual Aid Partners and	first responders to d	evelop protocols, proc	edures, and communi	cation plans to prevent, manage, and respond to
Documentation and disclosure of wildfire- related data and algorithms	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	Bear Valley Electric S	Service does not have	a specific data governa	ince wildfire mitigation	on program focused on	documentation and o	disclosure of wildfire-r	elated data and algor	ithms that maps to the	tracking and level of	detail requested in th	is table at this time.			
Tracking and analysis of near miss data	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	Bear Valley Electric 5	Service does not have	a specific wildfire miti	gation data governan	ce initiative focused on	tracking and analysis	of near-miss data tha	t maps to the tracking	and level of detail req	quested in this table a	t this time.				
5. Other / not listed	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	Bear Valley Electric S	Service dose not have	any other wildfire miti	gation data governan	ce initiatives at this tim	ie.									

## Description of programs to reduce ignition probability and wildfire consequence

For each of the below initiatives, provide a detailed description and approximate timeline of each, whether already implemented or planned, to minimize the risk of its equipment or facilities causing wildfires. Include a description of the utility's initiatives, the utility's rationale behind each of the elements of the initiatives, the utility's prioritization approach/methodology to determine spending and deployment of human and other resources, how the utility will conduct audits or other quality checks on each initiative, how the utility plans to demonstrate over time whether each component of the initiatives is effective and, if not, how the utility plans to evolve each component to ensure effective spend of ratepayer funds.

Include descriptions across each of the following resource allocation methodology and sensitivities initiatives, including a description of the data flow into the calculations involved in each. Input the following initiative names into a spreadsheet formatted according to the template below and input information for each cell in the row.

- Allocation methodology development and application
   Risk reduction scenario development and analysis
   Risk spend efficiency analysis
   Other / not listed (only if an initiative cannot feasibly be classified within those listed above)
- For each of the below initiatives, describe the utility's current program and provide an explanation of how the utility expects to evolve the utility's program over each of the following time periods:
- Before the upcoming wildfire season Before the next annual update Within the next 3 years Within the next 10 years

The list provided is non-exhaustive and utilities shall add additional initiatives to this table as their individual programs are designed and structured. Do not create a new initiative if the utility's initiatives can be classified under a provided initiative. Where the columns listed do not apply or cannot be meaningfully calculated for a given resource allocation methodology and sensitivities initiative, "N/A" may be logged in the corresponding cell.

		330														
Initiative activity	Year	Total per-initiative spend	Subtotal A: Capital expenditure	Subtotal B: Operating expenses		Spend/ treated line mile	Ignition probability drivers targeted	Risk reduction	Risk-spend efficiency	Other risk drivers addressed	Existing/ new	Existing: What proceeding has reviewed program	If new: Memorandum account	In / exceeding compliance with regulations	Cite associated rule	Comments
Allocation methodology development and	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	Valley Electric Service	cannot provide infor	mation regarding the		tion resouce allocatio	n methodology focuse	d on allocation metho	dology development	and application to the					omponents requested Vildfire Safety Division	
Risk reduction scenario development and analysis	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total		cannot provide infor	mation regarding the	utility's wildifre mitiga	tion resouce allocatio	n methodology focuse	d on risk reduction sci	enario development a	nd analysis to the leve					omponents requested lfire Safety Division of t	
Risk spend efficiency analysis	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total		cannot provide infor	mation regarding the	utility's wildifre mitiga	tion resouce allocatio	n methodology focuse	d on risk spend efficie	ncy analysis to the lev						omponents requested i the California Public U	
4. Other / not listed	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total		cannot provide infor	mation regarding the	utility's wildifre mitiga	tion resouce allocatio	n methodology focuse	d on any other unliste	d initiative(s) to the le	evel of tracking and de					omponents requested of the California Public	

Description of programs to reduce ignition probability and wildfire consequence

For each of the below initiatives, provide a detailed description and approximate timeline of each, whether already implemented or planned, to minimize the risk of its equipment or facilities causing wildfires. Include a description of the utility's initiatives, the utility's rationale behind each of the elements of the initiatives, the utility's prioritization approach/methodology to determine spending and deployment of human and other resources, how the utility will conduct audits or other qinclude a general description of the overall emergency preparedness and response plan, and detail:

- 1. A description of how plan is consistent with disaster and emergency preparedness plan prepared pursuant to Public Utilities Code Section 768.6, including:

  - Plans to prepare for and restore service, including workforce mobilization (including mutual aid and contractors) and prepositioning equipment and employees
     Emergency communications, including community outreach, public awareness, and communications efforts before, during, and after a wildfire in English, Spanish, and the top three primary languages used in California other than English or Spanish, as determined by United States Census data
     C. Showing that the utility has an adequate and trained workforce to promptly restore service after a major event, taking into account mutual aid and contractors
- 2. Customer support in emergencies, including protocols for compliance with requirements adopted by the CPUC regarding activities to support customers during and after a wildfire, including:

  - Outage reporting
     Support Members
     Support for low income customers
     Billing adjustments
     Deposit waivers
     Extended payment plans
     Suspension of disconnection and nonpayment fees
  - Repair processing and timing
  - g. Repair processing and summer h. Access to utility representatives
- 1. Coordination with Public Safety Partners, such as stationing utility personnel in county Emergency Operations Center

Describe utility efforts to identify which additional languages are in use within the utility's service territory, including plan to identify and mitigate language access challenges

### Description of programs to reduce ignition probability and wildfire consequence

For each of the below initiatives, provide a detailed description and approximate timeline of each, whether already implemented or planned, to minimize the risk of its equipment or facilities causing wildfires. Include a description of the utility's initiatives the utility's rationale behind each of the elements of the initiatives, the utility's prioritization approach/methodology to determine spending and deployment of human and other resources, how the utility will conduct audits or other quality checks on each initiative, how the utility plans to demonstrate over time whether each component of the initiatives is effective and, if not, how the utility plans to evolve each component to ensure effective spend of ratepayer funds.

Include descriptions across each of the following initiatives. Input the following initiative names into a spreadsheet formatted according to the template below and input information for each cell in the row.

1. Adequate and trained workforce for service restoration

2. Community outreach, public awareness, and communications efforts

- Customer support in emergencies
- Disaster and emergency preparedness plan

- Preparedness and planning for service restoration
  Protocols in place to learn from wildfire events
  Other / not listed [only if an initiative cannot feasibly be classified within those listed above]

The list provided is non-exhaustive and utilities shall add additional initiatives to this table as their individual programs are designed and structured. Do not create a new initiative if the utility's initiatives can be classified under a provided initiative.

uality checks on each initiative, how the utility plans to demonstrate over time whether each component of the initiatives is effective and, if not, how the utility plans to evolve each component to ensure effective spend of ratepayer funds.

include descriptions across each of the following resource allocation methodology and sensitivities initiatives, including a description of the data flow into the calculations involved in each. Input the following initiative names into a spreadsheet formatted

according to the template below and input information for each cell in the row.

- 1. Allocation methodology development and application
- Risk reduction scenario development and analysis
- Risk spend efficiency analysis
   Other / not listed [only if an initiative cannot feasibly be classified within those listed above]

For each of the below initiatives, describe the utility's current program and provide an explanation of how the utility expects to evolve the utility's program over each of the following time periods

- Before the upcoming wildfire season
   Before the next annual update
- Within the next 3 years Within the next 10 years

The list provided is non-exhaustive and utilities shall add additional initiatives to this table as their individual programs are designed and structured. Do not create a new initiative if the utility's initiatives can be classified under a provided initiative. Where the columns listed do not apply or cannot be meaningfully calculated for a given resource allocation methodology and sensitivities initiative, "N/A" may be logged in the corresponding cell.

- Refore the uncoming wildfire season
- Before the next annual update,
- Within the next 3 years, and
- Within the next 10 years.

Table 29: Emergency planning and preparedness

: Emergency planning and p e to WSD data request item		72	588													
Initiative activity	Year	Total per-initiative spend	Subtotal A: Capital expenditure	Subtotal B: Operating expenses	Line miles to be treated	Spend/ treated line mile	Ignition probability drivers targeted	Risk reduction	Risk-spend efficiency	Other risk drivers addressed	Existing/ new	Existing: What proceeding has reviewed program	If new: Memorandum account	In / exceeding compliance with regulations	Cite associated rule	Comments
Adequate and trained worldorce for service restoration	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	N/A - this is not a specifically budgeted program	N/A - this is not a specifically budgeted program	N/A - this is not a specifically budgeted program	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	N/A - response related	N/A - as a System Wide Initiative, this initiative does not have a specified risk reduction	N/A - as a System Wide Initiative, this Initiative does not have a specific risk- spend efficiency	customers and comunity from an event causing interrupting of service; reduces risk of escalation Reduces impact to	Existing	GRC	N/A - this is an Existing initiative	In compliance	GO 166	N/A - no additional comments
Community outreach,     public awareness, and     communications efforts	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	N/A - this is not a specifically budgeted program	N/A - this is not a specifically budgeted program	N/A - this is not a specifically budgeted program	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	Contact from object	N/A - as a System Wide Initiative, this initiative does not have a specified risk reduction	N/A - as a System Wide Initiative, this initiative does not have a specific risk- spend efficiency	Reduces impact to customers and comunity from an event causing interrupting of service; reduces risk of escalation Reduces impact to	Existing	GRC	N/A - this is an Existing initiative	In compliance	GO 167	N/A - no additional comments
Customer support in emergencies	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	N/A - this is not a specifically budgeted program	N/A - this is not a specifically budgeted program	N/A - this is not a specifically budgeted program	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	N/A - response related	N/A - as a System Wide Initiative, this initiative does not have a specified risk reduction	N/A - as a System Wide Initiative, this initiative does not have a specific risk- spend efficiency	Reduces impact to customers and comunity from an event causing interrupting of service; reduces risk of escalation	Existing	GRC	N/A - this is an Existing initiative	In compliance	R. 18-12-005	N/A - no additional comments
Disaster and emergency preparedness plan	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	N/A - this is not a specifically budgeted program	N/A - this is not a specifically budgeted program	N/A - this is not a specifically budgeted program	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	Contact from object, all types of equipment/facility failure, wire-to-wire contact/contamination	146,466.53	N/A - this initiative does not have a specific Risk-spend efficiency	Wildfire-Significant Loss of Property	Existing	D. 19-08-027	N/A	In compliance	GO 166	Emergency Reporting & Procedures. Protocols and procedures for staff to respond to faults, emergencies, outages, dissaster events (such as earthquake, wildfire, etc.), etc.
5. Preparedness and planning for service restoration	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	N/A - this is not a specifically budgeted program	N/A - this is not a specifically budgeted program	N/A - this is not a specifically budgeted program	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	N/A - response related	146,466.53	N/A - this initiative does not have a specific Risk-spend efficiency	Wildfire-Significant Loss of Property	Existing	D. 19-08-027	CEMA if applicable	In compliance	GO 166	Post-incident Recovery, Restoration & Remediation. Protocols and procedures to respond to and recover from any wildfire or related emergency events.
6. Protocols in place to learn from wildfire events	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total						Response Plan to learn from v that are not already covered			y learns from any eme	rgency event.					
7. Other / not listed	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	Bear Valley Electric S	Service does not have o	emergency planning an	nd preparedness initia	atives other than those	listed above at this time.									

### 5.3.10 Stakeholder cooperation and community engagement

## Description of programs to reduce ignition probability and wildfire consequence

For each of the below initiatives, provide a detailed description and approximate timeline of each, whether already implemented or planned, to minimize the risk of its equipment or facilities causing wildfires. Include a description of the utility's initiatives, the utility's rationale behind each of the elements of the initiatives, the utility's prioritization approach/methodology to determine spending and deployment of human and other resources, how the utility will conduct audits or other quality checks on each initiative, how the utility plans to demonstrate over time whether each component of the initiatives is effective and, if not, how the utility plans to evolve each component to ensure effective spend of ratepayer funds.

Include descriptions across each of the following initiatives. Input the following initiative names into a spreadsheet formatted according to the template below and input information for each cell in the row.

- across each of the following initiatives. Input the following initiative names into a spreadsheet for

  1. Community engagement

  2. Cooperation and best practice sharing with agencies outside CA

  3. Cooperation with suppression agencies

  4. Forest service and fuel reduction cooperation and joint roadmap

  5. Other / not listed [only if an initiative cannot feasibly be classified within those listed above]

The list provided is non-exhaustive and utilities shall add additional initiatives to this table as their individual programs are designed and structured. Do not create a new initiative if the utility's initiatives can be classified under a provided initiative.

- Before the upcoming wildfire season,
- Before the next annual update, Within the next 3 years, and Within the next 10 years.

# Table 30: Stakeholder cooperation and community enga Response to WSD data request item BVES-43879-E-14

: Stakeholder cooperation a le to WSD data request iten																
Initiative activity	Year	Total per-initiative spend	Subtotal A: Capital expenditure	Subtotal B: Operating expenses		Spend/ treated line mile	Ignition probability drivers targeted	Risk reduction	Risk-spend efficiency	Other risk drivers addressed	Existing/ new	Existing: What proceeding has reviewed program	If new: Memorandum account	In / exceeding compliance with regulations	Cite associated rule	Comments
Community engagement	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total			a community engagem as a wildfire risk mitig				component of its ove	rall Emergency Prepar	redness and Response	Programs as include	l in Section X.			-	
Cooperation and best practice sharing with agencies outside CA	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	N/A - this is not a specifically budgeted program	N/A - this is not a specifically budgeted program	N/A - this is not a specifically budgeted program	N/A - this is a System Wide Initiative	N/A - this is a System Wide Initiative	This initiative targets all ignition probabilty drivers	N/A - as a System Wide Initiative, this initiative does not have a specified risk reduction	N/A - as a System Wide Initiative, this initiative does not have a specific risk- spend efficiency	Reduces risk of escalation through support of accelerated restoration	Existing	N/A - none	N/A - this is an Existing initiative	N/A - there is not a clear threshold for compliance for this initiative	N/A - none	N/A - none
Cooperation with suppression agencies	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total			emerger	ncy managers, the stat	e's Emergency Operat	tions Center Emergen	cy Support Functions (	SF) personnel, and th	ne Geographic Area Co	ordination Centers di	spatch centers for fire-	related emergency re	sponse. ]	formation for [state, co	
Forest service and fuel	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total									ation with the forest se a XX and the company					ire Mitigation Plan . Th	e utility views these
S. Other / not listed	2019 plan 2019 actual 2020 2021 2022 2020-2022 plan total	Bear Valley Electric S	ervice does not have s	stakeholder cooperatio	on and community eng	gagement initiatives o	ther than those listed	above.								

## 5.4 Methodology for enterprise-wide safety risk and wildfire-related risk assessment

Describe methodology for identifying and evaluating enterprise wide safety risk and wildfire related risk, and how that methodology is consistent with the methodology used by other electric utilities or electrical corporations. If the risk identification and evaluation methodology is different, the utility shall explain why in this section.

## 5.5 Planning for workforce and other limited resources

Include a showing that the utility has an adequately sized and trained workforce to promptly restore service after a major event, taking into account employees of other utilities pursuant to mutual aid agreements and employees of entities that have entered into contracts with the utility.

### 5.6.1 Planned utility infrastructure construction and upgrades

Explain how the utility expects the geographic location of transmission and distribution lines to shift over the three-year plan period and discuss its impact on 1) the utility's risk exposure and 2) the utility's wildfire mitigation strategy. Outline portions of grid within HFTD that are highest cost to serve, by highlighting circuits or portions of circuits that exceed 50.5M per customer in capital cost required to harden. Provide justification for the level of hardening required and why the lowest cost path to harden this equipment exceeds 50.5M per customer, including by describing the various alternatives that were considered to reduce ignition probability and estimated wildfire consequence. For each of these sections of the grid, outline any analysis that was conducted around islanding, serving with microgrids, or providing backup generation, all to reduce the impact of PSPS events and reduce ignition probability and estimated wildfire consequence at the lowest possible cost.

Discuss how the utility wildfire mitigation strategy influenced its plan for infrastructure construction (in terms of additions or removal of overhead lines, including undergrounding of overhead lines) as detailed in Section 3.4.2. Discuss how the utility wildfire mitigation strategy influenced its plan for upgrades to overhead lines and substations as detailed in the Section 3.4.2.

BVES does not have plans in the foreseeable future for new circuit construction for either transmission or distribution. The Ute Undergrounding initiative is still under the preliminary planning and discussion phase.

Table 31: Change in drivers of ignition probability taking into account planned initiatives, for each year of plan

Incident type by ignition probability driver	Detailed risk driver	Are near misses tracked?	Nui	mber of incidents per	year	Average percen	tage likelihood of ign	ition per incident	Nu	mber of ignitions per	year
			2020	2021	2022	2020	2021	2022	2020	2021	2022
	All types of object contact	Y	4	4	2	0.00%	0.00%	0.00%	0	0	0
	Animal contact	Y	1	1	0	0.00%	0.00%	0.00%	0	0	0
Contact from object	Balloon contact	Y	0	0	0	0.00%	0.00%	0.00%	0	0	0
	Vegetation contact	Y	3	3	2	0.00%	0.00%	0.00%	0	0	0
	Vehicle contact	Y	0	0	0	0.00%	0.00%	0.00%	0	0	0
	All types	Y	16	14	11	0.00%	0.00%	0.00%	0	0	0
	Capacitor bank failure	Y	0	0	0	0.00%	0.00%	0.00%	0	0	0
	Conductor failure—all	Y	3	3	2	0.00%	0.00%	0.00%	0	0	0
	Conductor failure—wires down	Y	3	3	2	0.00%	0.00%	0.00%	0	0	0
All types of equipment / facility failure	Fuse failure—all	Y	4	3	3	0.00%	0.00%	0.00%	0	0	0
All types of equipment / facility failure	Fuse failure—conventional blown fuse	Υ	4	3	3	0.00%	0.00%	0.00%	0	0	0
	Lightning arrestor failure	Y	0	0	0	0.00%	0.00%	0.00%	0	0	0
	Switch failure	Y	0	0	0	0.00%	0.00%	0.00%	0	0	0
	Transformer failure	Y	2	2	1	0.00%	0.00%	0.00%	0	0	0
Wire-to-wire contact / contamination		Υ	2	1	0	0.00%	0.00%	0.00%	0	0	0
Other		Y	0	0	0	0.00%	0.00%	0.00%	0	0	0

### Protocols on Public Safety Power Shut-Off

- Describe protocols on Public Safety Power Shut-Off

  Describe protocols on Public Safety Power Shut-Off

  1. Strategy to minimize public safety risk during high wildfire risk conditions and details of the considerations, including but not limited to list and description of community assistance locations and services provided during a denergization event.

  2. Outline of tactical and strategic decision-making protocol for initiating a PSPS/de-energization (e.g., decision tree).

  3. Strategy to provide for safe and effective re-energization of any area that was de-energized due to PSPS protocol.

  4. Company standards relative to customer communications, including consideration for the need to notify priority essential services critical first responders, public safety partners, critical facilities and infrastructure, operators of telecommunications infrastructure, and water utilities/agencies. This section shall also include description of strategy and protocols to ensure timely notifications to commercs, including access and functional needs populations, in the languages prevalent within the utility's service territory.

  5. Protocols for mitigating the public safety impacts of these protocols, including impacts on first responders, health care facilities, operators of telecommunications infrastructure, and water utilities/agencies.

# 6 Utility GIS attachments

- 6.1 Recent weather patterns the utillity is unable to provide this data in GIS format at this time
- 6.2 Recent drivers of ignition probability the utillity is unable to provide this data in GIS format at this time
- 6.3 Recent use of PSPS the utillity is unable to provide this data in GIS format at this time
- 6.4 Current baseline state of service territory and utility equipment
- 6.5 Location of planned utility equipment additions or removal the utility is unable to provide this data in GIS format at this time
- 5.6 Planned 2020 WMP initiative activity by end-2022 the utillity is unable to provide this data in GIS format at this time