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Liberty 2025 WMP Update Discovery Log Question Responses Regarding Liberty's Substation Defensible Space Target (WMP-VM-VFM-03): a. 12 substations. ble 3-2 of its 2025 WMP Update, Liberty provided a "2025 Update Target" of 12 substations for Substation Defensible Space (WMP-VM-VFM-03).1 b. Liberty intends to perform two site visits per substation to perform vegetation treated by the second state of the second s 2025 Update under Section 3.2.15 "WMP-VM-VFM-03: Substation Defensible Space," Liberty stated that "[t]he 2025 target for substation c. Liberty performs the same maintenance described in its WMP during both site visits nsible space did not change. Liberty does not establish targets for its VM substation defensible space WMP initiative."2 Liberty's revised 2023-2025 d. The first treatment is planned to occur between June 1st and September 30th and 1 P, submitted with the 2025 WMP Update, does not provide a target for this initiative in Table 8-17 "Liberty Vegetation Management Initiative second treatment is planned to occur between October 1 and December 31st. ets by Year" or in its narrative description of the Substation Defensible Space initiative beyond the statement that there will be a "minimum of two |e. Two treatments are intended to manage vegetation regrowth and debris accumula effectively during Spring, Summer and Fall months. If vegetation re-growth or debris visits" annually per facility. hat is Liberty's 2025 target for substation defensible space? Provide both the number and the unit. accumulation occurs inside substation footprints or perimeters between planned rding Liberty's new QA assessment component of Liberty's Vegetation Management QA/QC program: section on page 1 and 2. Refer to supporting materials: DR002 – Question 1a and 1b. ovide Liberty's definition of quality assurance (QA) and how it differs from quality control (QC). ovide the current version of Liberty's Post Work Verification Procedure (VM-04) including any updates related to the introduction of the new b. Refer to supporting materials: DR002 – Question 1a and 1b. c. Refer to supporting materials: DR002 – Question 1c_1, DR002 - Question 1c_2, and ty assurance (QA) assessment component of its Vegetation Management QA/QC program. scribe Liberty's new QA assessment sampling plan and provide any associated standard operating procedures. Question 1c 3. vide a summary of the findings from the new QA assessment to date. d. Refer to supporting materials: DR002 – Question 1d. a. Liberty expects to receive the final analysis from Eagle Rock Analytics by the end of erty's response to area for continued improvement LU-23-18 "Weather Station Optimization" Liberty indicated it has "engaged Eagle Rock ytics to perform a weather station optimization analysis for its system to evaluate how well the network captures the diversity of climate b. Yes, Liberty will provide the final analysis in its next WMP submission or in response litions within Liberty's territory."1 stakeholder request. hen does Liberty expect to receive the final analysis from Eagle Rock Analytics? I Liberty make this final analysis available to the public? the cost categories listed in Liberty's 2025 WMP Update (i.e., project permitting, community outreach, communications, and various vegetation 2. Yes, the cost categories associated with WMP-VM-ESG-01 were included in the pro agement program development activities, as listed in Section 2.2.19.3) included in the projected expenditures in its 2023-2025 Base WMP?2 expenditures in Liberty's 2023-2025 Base WMP. they were not included, please describe how and why cost assumptions and expenditure categories (as listed in Section 2.2.19.3) have changed [a. N/A. een its 2023-2025 Base WMP and its 2025 WMP Update. b. The cost assumptions regarding tracking and recording these categories have change they were included, please describe how cost assumptions for the categories listed in Section 2.2.19.3 have changed since the approval of Liberty's capture all of the costs of project permitting within a single initiative. Previously some -2025 Base WMP on February 5, 2024. cost categories, mostly project permitting, were recorded as part of the costs of asso initiatives. For example, project permitting costs associated with fall-in mitigation wo projected and recorded within Liberty's fall-in mitigation WMP initiative. As of the 202 Update, Liberty will project and track all of the cost categories listed in WMP-VM-ESG within that initiative. a. See below for Liberty's current distribution detailed inspection checklist: ase provide Liberty's current distribution detailed inspection checklist, referenced on page 42 of Liberty's 2025 WMP Update R1. Condition codes for failed inspections: Bare Equipment Jumpers Clearance Climbing Space Crossarm Braces Falling Off Crossarm Broken / Split / Loose Crossarm Needs Replacing Equipment Anchors Foreign Objects on Poles ts 2025 WMP Update R1, Liberty lists a target change for initiative "WMP-GDOM-AI-05: Quality assurance / quality control of inspections," asing from a 2025 Original Target of 3 percent to a 2025 Updated Target of 12 percent. However, in both Liberty's approved 2023-2025 Base WMP i. Liberty confirms that it incorrectly listed 3 percent (instead of 12 percent) as the "20 ts revised 2023-2025 Base WMP R6, the "Target 2025 & Unit" is listed as 12 percent for this initiative. Original Target" in its 2025 WMP Update. ase confirm whether Liberty incorrectly listed 3 percent (instead of 12 percent) as the "2025 Original Target" in its 2025 WMP Update. 1. Liberty confirms that there is no 2025 target change associated with initiative "WMF o, please confirm that there is there no 2025 target change associated with initiative "WMP-GDOM-AI-05: Quality assurance/quality control of GDOM-AI-05: Quality assurance/quality control of inspections." ections." ase provide the circuits or circuit segments planned to be undergrounded in 2025 as part of the Tahoe Vista project. a. Circuit KBH5200 vide the percentage of the project circuit miles in the HFTD Tier 3. i. 0% ovide the percentage of the project circuit miles in the HFTD Tier 2. ii. 100% ovide the fire risk scores, asset risk scores, and composite risk scores for each circuit or circuit segment. iii. See response link for table. ase provide the circuits or circuit segments that are no longer planned to be undergrounded in 2025 as part of the Stateline Resiliency project. o. Circuits STL2200 and STL2300 wide the percentage of the project circuit miles in the HFTD Tier. ovide the percentage of the project circuit miles in the HFTD Tier. i. 100% iii. See response link for table. ovide the fire risk scores, asset risk scores, and composite risk scores for each circuit or circuit segment. r each circuit listed in Table 1-1 of Liberty's 2025 WMP Update, list whether the circuit is in the HFTD Tier 3, Tier 2, or non-HFTD. If the circuit spans a. See response link for table. than one tier, provide the number of circuit miles in each tier.. y states on p. 140 of its 2023-2025 Redline Redacted WMP, "Using the outputs from CloudFire, Liberty has identified circuits ordered by the most Liberty was previously utilizing the risk score outputs from Reax and Arup to quantify nd targeted the circuits with the high risk." risk circuits. Since Liberty is beginning to use the Direxyon Risk Assessment Tool ("DRA e circuits that have been identified by Liberty's CloudFire application, please provide an Excel document that lists the top 20 circuits ordered by identify risk, the requested information has been provided in relationship to the Prelin The spreadsheet should include the following information in separate columns, at a minimum: a) Risk ranking of the circuit segment Risk Score outputs from DRAT described in Section 6.4 of Liberty's Updated 2023-202 rcuit ID number a) Refer to Section 6 of Liberty's Updated 2023-2025 WMP. me of circuit, if applicable b) Refer to Section 6 of Liberty's Updated 2023-2025 WMP. umber of customers served by the circuit c) Refer to Section 6 of Liberty's Updated 2023-2025 WMP. asure taken, or planned to be taken, to reduce the wildfire risk of the circuit d) Refer to supporting materials: DR01-Question 1 mieles DD01 Oscertion 1 sy states on p. 24 of its 2025 WMP Update, in response to Area of Continued Improvement LU-23-02: PSPS and Wildfire Risk Tradeoff a) Liberty PSPS Risk Model is currently in development. b) Liberty PSPS Risk Model is currently in development. sparency, "Liberty does not currently calculate trade-offs between wildfire risk and PSPS risk. Liberty prioritizes mitigation initiatives based on c) Refer to Section 6.2 of Liberty's Updated 2023-2025 WMP ire risk and asset failure risk." a)What variables, if any does Liberty utilize to calculate PSPS risk? ase provide a brief description of Liberty's process and calculations used in calculating PSPS risk. d) Refer to Section 6.2 of Liberty's Updated 2023-2025 WMP e) Liberty does not view prioritizing mitigation initiatives as a substitute for calculation at variables, if any does Liberty utilize to calculate wildfire risk? tradeoffs between PSPS and Wildfire Risk. Liberty's PSPS Risk Model is currently in ase provide a brief description of Liberty's process and calculations used in calculating wildfire risk. es Liberty view prioritizing mitigation initiatives (based on wildfire risk and asset failure risk) as a substitute for calculating tradeoffs between PSPS development, so there is not a tradeoff between PSPS Risk and Wildfire Risk to evalu f) Liberty has not identified disadvantages of calculating PSPS and Wildfire Risk traded Wildfire Risk? Please explain why or why not. g) Liberty is evaluating its ability to calculate PSPS Risk following the implementation of cording to Liberty, what are the disadvantages of calculating PSPS and Wildfire Risk tradeoffs? Is Liberty intend to be able to calculate PSPS and Wildfire Risk Tradeoffs in the future? If yes, when? Asset and Fire Risk tool. Following the integration of Liberty's PSPS Risk with its Asset at doos Liborty pood in order to be able to calculate tradeoffs between wildfire risk and DSDS risk? Pick Liberty will be able to evaluate its intention to calculate a tradeoff between DSD y states on p. 28 of its 2025 WMP Update, in response to Area of Continued Improvement LU-23-06: Effectiveness of Sensitive Relay Profile (SRP) a) Liberty plans to enhance the Direxyon Risk Assessment Tool to quantify risk of additional and the second raditional Hardening: SRP has not been implemented on the system or included in the risk model to allow for calculations on its effectiveness. In asset types with SRP being in the initial list of enhancements. Liberty expects to be co ting SRP for its ignition reduction effectiveness, Liberty relied on data from other utilities that have been using it as a mitigation strategy. with the additional enhancements by the end of Quarter 3 2025. ase describe or provide a timeline of when Liberty will have the necessary data to show the effectiveness of SRP implementation as a mitigation (b) See Response 3a. ease describe or provide a timeline of when Liberty will incorporate SRP into the Direxyon Risk Assessment Tool (DRAT). 32-33 of its 2025 WMP Update, Liberty provides its response to Area of Continued Improvement LU-23-09: Covered Conductor Inspections and Liberty does not have a previous version. enance. e provide the previous version of the Spacer Cable Inspection Checklist found in Appendix A of the WMP Update, prior to the recent updates. y forecasts significantly increased 2025 updated expenditures for: a) Refer to supporting materials: DR01 – Question 5 dergrounding of electric lines and/or equipment (WMP-GDOM-GH-02) b) Refer to supporting materials: DR01 – Question 5 c) Liberty rescoped the Rule 20 Tahoe Vista project in 2023. Based on RFPs conducted e-attachment removal (WMP-GDOM-GH-12a) iled inspections of distribution electric lines and equipment (WMP-GDOM-AI-01) 2023, civil contractor costs increased significantly. The original scope also included directional boring, which resulted in higher than expected costs and subsequently was ol inspections of distribution electric lines and equipment (WMP-GDOM-AI-03) removed from the project scope, resulting in decreased mileage. station inspections (WMP-GDOM-AI-06) monitoring systems (WMP-SA-02) a) For d) WMP-GDOM-GH-12a actual spend (\$ thousands): of the initiatives listed above, please explain the reasoning behind the 2025 updated expenditure forecast.) - \$1,358 y states on p. 35 of its 2025 WMP Update, in response to Area of Continued Improvement LU-23-11: Quality Assurance/Quality Conrtol (QA/QC) |a) Liberty describes its WMP QA/QC process for asset inspections in Section 8.16 of i ble size and pass rates: "Liberty has established an asset inspection QA/QC target of 90% for 2024 and 2025." a) Please describe the Updated 2023-2025 WMP. C audit process for asset inspections. b) Refer to supporting materials: DR01 – Question 6b ease provide Liberty's internal protocols, procedures, or checklists regarding the QA/QC audit process for asset inspections. c) Liberty's QA/QC of detailed inspections is a random sample, so it is not specific to ill Liberty conduct field audits of each inspector's work to validate the results of an asset inspection? inspectors he answer to part (c) above is yes, who will conduct the field audits (e.g., a supervisor, a peer inspector, or a contractor) and when will the field |d) N/A y states on p. 35 of its 2025 WMP Update, in response to Area of Continued Improvement LU-23-13: Lightning arrestor replacement: a) No ding the currently installed non-exempt arresters, Liberty's asset tracking application will be utilized to identify and track arresters in the field. b) The timeline for finalizing the development of arrestors in Liberty's asset tracking n an exempt arrester is selected, Liberty will use the asset tracking application for project tracking. a) Has Liberty completed the application is not determined at this time. opment of the "asset tracking application"? c) Liberty does not have this information at this time. the answer to part (a) above is no, when will Liberty complete the development of the "asset tracking application"? d) No. w many non-exempt arresters are currently in place across Liberty's service territory? e) Not determined. es Liberty have plans to replace all non-exempt arresters currently in place across Liberty's service territory? f) Not determined. w many non-exempt arresters will be replaced in 2024? y states on p. 36-37 of its 2025 WMP Update, in response to Area of Continued Improvement LU-23-15: Reliability impacts of SRP: a) Refer to supporting materials: DR01 – Question 8 and 9 y plans to implement its SRP program on 15 circuits in 2024 and seven circuits in 2025, which will result in 67.45% of Liberty's primary distribution |b) Refer to supporting materials: DR01 – Question 8 and 9 uctor being covered by SRP by the end of 2025..... Based on an analysis of historical weather data for the system, Liberty estimates approximately (c) Refer to supporting materials: DR01 – Question 8 and 9 days per year when SRP will be enabled. a) How did Liberty determine that the 22 circuits that d) Yes. have SRP implemented (15 in 2024 and seven in 2025) would result in a 67.45% coverage of Liberty's primary distribution conductors? Please show |e) N/A f) Liberty plans to implement SRP across all of Liberty's primary distribution conducto calculations or provide workpapers. nen Liberty implements SRP on the 15 circuits in 2024, what is the total percentage of coverage that Liberty will achieve on the primary distribution the 2026-2028 WMP cycle. ictors? g) The origin of the 10-12 days estimate comes from SFDI rating definition, which is "s hen Liberty implements SRP on the seven circuits in 2025, what is the total percentage of coverage that Liberty will achieve on the primary at 97th percentile or above, i.e. 3% of days of the year. 365 days * 3% = 11 days, which bution conductors? broadened to 10-12 days. pes Liberty plan on implementing SRP across all of Liberty's primary distribution conductors? e) If the answer to d) above is no, what is the estimated percentage of coverage that Liberty will achieve? he answer to part (d) above is yes, when will Liberty achieve its goal of full coverage across all of Liberty's primary distribution conductors? ase provide the historical weather data used by Liberty to estimate that SRP will be enabled approximately 10-12 days per year. y states on p. 36-37 of its 2025 WMP Update, in response to Area of Continued Improvement LU-23-15: Reliability impacts of SRP: a) Refer to supporting materials: DR01 – Question 8 and 9 y plans to implement its SRP program on 15 circuits in 2024 and seven circuits in 2025, which will result in 67.45% of Liberty's primary distribution |b) N/A uctor being covered by SRP by the end of 2025..... Based on an analysis of historical weather data for the system, Liberty estimates approximately |c) Refer to supporting materials: DR01 – Question 8 and 9 2 days per year when SRP will be enabled. d) Refer to supporting materials: DR01 – Question 8 and 9 e provide a list of the 22 circuits that have been identified for SRP implementation, with the following information about each circuit: e) Refer to supporting materials: DR01 – Question 8 and 9 rcuit ID number f) Refer to supporting materials: DR01 – Question 8 and 9 rcuit-segment name or ID number (if the projected SRP switch affects more than one-circuit segment, please identify each one) g) Refer to supporting materials: DR01 – Question 8 and 9 ar of planned implementation (2024 or 2025) ow many SRP switches will be implemented across the circuit e expected or actual start date of the project e expected completion date of the project gth (in circuit miles) of each project y states on pp. 40-41 of its 2025 WMP Update, in response to Area of Continued Improvement LU-23-20: Early detection of Ignitions with HD a) UNR has completed the viewshed analysis and shared relevant results with Liberty eras, that "University of Nevada Reno (UNR) is performing a view shed analysis to propose locations of existing cameras for Liberty to adopt or 15, 2024. ntially install new cameras where current coverage is lacking for the service territory." a) When does b) Liberty is currently reviewing the proposal and budget from UNR for set-up of new :y expect that UNR will complete the view shed analysis? cameras within the service territory and maintenance of existing cameras that lack s Liberty developed any policy or procedures related to the implementation and maintenance of the HD wildfire cameras? sustainable funding. New cameras are being proposed in areas that were missing cover he answer to part (b) above is yes, please provide Liberty's policy and procedures for the implementation and maintenance of the HD wildfire the viewshed analysis done by UNR. Liberty has not yet entered into a contract with these cameras and does not have any existing policy or procedures related to the es Liberty know of any HD cameras (or cameras of similar function) within its service territory that it does not own? implementation and maintenance of the HD wildfire cameras. es Liberty have access to any HD cameras (or cameras of similar function) within its service territory that it does not own? c) N/A ne answer to part (e) above is yes, please list the HD cameras or cameras of similar function that are within Liberty's service territory including: d) Yes. There are currently 22 fire detection cameras that cover areas within Liberty's territory. These cameras are available through the ALERTWildfire Program that is a nom the cameras belong to e camera's or cameras' location consortium between UNR and University of Oregon. ow Liberty has gained access to footage from the cameras e) Yes, similar to the previous answer, these cameras are publicly viewable through alertwildfire.org. f) Fire Cameras that cover Liberty's Service Territory: (See response link for table)

5]	LOG BEGINS JULY	Y 8th, 2024.						
treatments. <i>i</i> isits.	Requestor	Date Received	Final Date Due	Date Sent Links	Number of Attachements	Attachment Links NDA Required?	WMP Section	Category	Subcategory
and the nulation pris	Sara S. Moore	7/22/2024	7/25/2024	https://california.libertyutilities.com/uploa7/24/202420Request%20OEIS-P-WMP_2024-LU- 001_LibertyResponse_07242024.pdf	ads/Data%		3	3.2.15	N/A
efinitions 1b. and DR002 - nd of 2024.	Sara S. Moore	7/26/2024	7/31/2024	https://california.libertyutilities.com/uploa 7/30/2024 20Request%20OEIS-P-WMP_2024-LU- 002 Liberty%20Response_07302024.pdf	ads/Data% 5				
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e projected hanged to ome of the associated work were e 2025 WMP -ESG-01	Sara S. Moore	9/6/2024	9/11/2024	9/11/2024 <u>https://california.libertyutilities.com/uploa</u> 9/11/2024 <u>20Request%20OEIS-P-WMP_2024-LU-</u> 003_Liberty%20Response_09112024.pdf	ads/Data%				
e "2025	Jessica McHale	10/3/2024	10/8/2024	10/8/2024 Data Request OEIS-P-WMP_2024-LU-004_ Response_10082024.pdf (libertyutilities.co					
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	Jessica McHale	10/18/2024	10/23/2024	Response_10232024.pdf 10/23/2024 Data Request OEIS-P-WMP_2024-LU-005					
tify its 20 'DRAT") to reliminary -2025 WMP.	Aaron Louie	7/19/2024	7/24/2024	Response_10232024.pdf 7/24/2024 https://california.libertyutilities.com/uploa 20Request%20CalAdvocates-Liberty-2025V 01_Liberty%20Response_07242024.pdf					
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uctors during is "severe" which was	Aaron Louie	7/19/2024	7/24/2024	https://california.libertyutilities.com/uploa 7/24/2024 20Request%20CalAdvocates-Liberty-2025V 01_Liberty%20Response_07242024.pdf					
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erty on July new ck coverage in rith UNR for rty's service a gh	Aaron Louie	7/19/2024	7/24/2024	https://california.libertyutilities.com/uploa 7/24/2024 20Request%20CalAdvocates-Liberty-2025V 01_Liberty%20Response_07242024.pdf					

						Liberty's response to question 4 of a Cable Inspection Checklist]." Please explain which portions of the
						of the identified failures specific to covers; Surface damage/bulging; Br
	CalAdvocates	2	CalAdvocates-Liberty-2025WMP-02	1	CalAdv-02-2.1	
						Liberty's response to question 7(b) arrestors in Liberty's asset tracking
						a) Will Liberty start the planning andb) If the answer to part (a) above isc) If Liberty plans to use a third-part
						related to the development of the a d) Does Liberty currently have proce
						territory? e) If the answer to part (d) above is
	CalAdvocates	2	CalAdvocates-Liberty-2025WMP-02	2	CalAdv-02-2.2	Liberty bas provided an undate on i
						Liberty has provided an update on in "Liberty_2024_Q2_Tables115_R0.x quarter 2024 Quarterly Data Report
						conductor installation in 2024. b) Please provide a list of all covered
						 c) Please provide an Excel documen information in separate columns, at a. Circuit ID number
						b. Name of circuit, if applicable c. Designation of HFTD area
						d. The expected or actual start date e. The expected completion date of
	CalAdvocates	2	CalAdvocates-Liberty-2025WMP-02	3	CalAdv-02-2.3	f. The expected completion date of Liberty has provided an update on ir
						attachment titled "Liberty_2024_Q2 and/or equipment as of the second
						Please explain why Liberty has not o
	CalAdvocates	2	CalAdvocates-Liberty-2025WMP-02	4	CalAdv-02-2.4	
						Liberty has provided an update on ir "Liberty_2024_Q2_Tables115_R0.xl Quarterly Data Report filing.
						a) Please provide a brief description replacements in 2024.
	CalAdvocates	2	CalAdvocates-Liberty-2025WMP-02	5	CalAdv-02-2.5	 b) Does Liberty have an estimated n Regarding Liberty's initiative "WMP-
						Wildfire Mitigation Plan Update Gro inspections, while achieving a 90% p a) Will Liberty conduct any QA/QC o
						b) If the answer to part (a) above is to part (a) above is yes, does Liberty
	CalAdvocates	2	CalAdvocates-Liberty-2025WMP-02	6	CalAdv-02-2.6	
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CalAdv-02-2.1	Liberty's response to question 4 of data request CalAdvocates-Liberty-2025WMP-01 states: "Liberty does not have a previous version [of its Spacer Cable Inspection Checklist]." Please explain which portions of the Spacer Cable Inspection Checklist, found in Appendix A of Liberty's 2025 WMP Update, correspond with the each of the identified failures specific to covered conductor listed below: covers; Surface damage/bulging; Bracket placement	 Water intrusion: Safety Standards – Meets construction standards; Taps and Splices – Splices covered with Hendrix KM splice or equivalent; Hardware/Messenger – Adequate slack between phase conductors. Splice covers: Safety Standards – Meets construction standards; Taps and Splices – Bushing covers used on transformers. Surface damage/bulging: Meets construction standards; Material – Used all Hendrix approved components; Material – Only covered Tie Wires used; Taps and Splices – Rubber covered transformer tap wire used. Bracket placement: Safety Standards – Meets construction standards; Taps and Splices – Anti Sway brackets (BAS-14/24) used at poles with taps. 	Aaron Louie	8/23/2024	8/28/2024	8/28/2024	Data Request CalAd 02_Liberty Respons (libertyutilities.com
	Liberty's response to question 7(b) of data request CalAdvocates-Liberty-2025WMP-01 states that "The timeline for finalizing the development of arrestors in Liberty's asset tracking application is not determined at this time." a) Will Liberty start the planning and development of the asset tracking application during the 2026-2028 WMP cycle? b) If the answer to part (a) above is yes, does Liberty plan to consult with a third-party vendor or to develop the asset tracking application internally? c) If Liberty plans to use a third-party vendor, please provide the name of the vendor and a description of the projected duties and responsibilities related to the development of the asset tracking application. d) Does Liberty currently have processes in place to track and record which non-exempt lightning arrestors have been replaced across its service territory? e) If the answer to part (d) above is yes, provide a copy or description of Liberty's processes regarding replacement of non-exempt lightning arrestors.	 a) The asset tracking application is already developed and in production use. Liberty will enhance the application over the 2026-2028 WMP cycle to add tracking for lightning arrestors. b) Liberty developed the application internally using the third party application Fulcrum and plans to develop future enhancements internally. c) N/A d) No; Liberty has not replaced non-exempt lightning arrestors across its service territory. e) N/A 	Aaron Louie	8/23/2024	8/28/2024	8/28/2024	Data Request CalAd
CalAdv-02-2.2	Liberty has provided an update on initiative "WMP-GDOM-GH-01: Covered conductor installation," in Table 1 of the Excel file attachment titled "Liberty_2024_Q2_Tables115_R0.xlsx". Table 1 states Liberty has completed zero circuit miles of covered conductor installation as of the second quarter 2024 Quarterly Data Report filing. a) Please explain why Liberty has not completed any circuit miles of covered conductor installation in 2024. b) Please provide a list of all covered conductor projects that were planned for 2024-2025 and that have been delayed due to permitting issues. c) Please provide an Excel document that lists each covered conductor project identified in your response to part (b), which should include the following information in separate columns, at a minimum: a. Circuit ID number b. Name of circuit, if applicable b. Name of circuit, if applicable	a) Liberty has experienced permitting delays and construction delays with its planned projects due to limited operating periods imposed by the US Forest Service. Liberty has also experienced material delays in 2024. b) Angora Ridge and Fallen Leaf C covered conductor projects. c) - See response for table.	Aaron Louie	8/23/2024	8/28/2024	8/28/2024	(libertyutilities.com
	 c. Designation of HFTD area d. The expected or actual start date of the covered conductor project e. The expected completion date of the covered conductor project, when Liberty submitted its 2023-2025 WMP f. The expected completion date of the covered conductor project, as of now. 						Data Request CalAc 02 Liberty Respons
 CalAdv-02-2.3	Liberty has provided an update on initiative "WMP-GDOM-GH-02: Undergrounding of electric lines and/ or equipment," in Table 1 of the Excel file attachment titled "Liberty_2024_Q2_Tables115_R0.xlsx". Table 1 states Liberty has completed zero circuit miles of undergrounding of electric lines and/or equipment as of the second quarter 2024 Quarterly Data Report filing. Please explain why Liberty has not completed any circuit miles related to the undergrounding of electric lines and/or equipment in 2024.	As explained in Liberty's 2024 WMP Change Order Request, Liberty will not be completing its undergrounding target in 2024 due to project delays and permitting issues.	Aaron Louie	8/23/2024	8/28/2024	8/28/2024	(libertyutilities.com
CalAdv-02-2.4	Liberty has provided an update on initiative "WMP-GDOM-GH-12b: Expulsion fuse replacement," in Table 1 of the Excel file attachment titled "Liberty_2024_Q2_Tables115_R0.xlsx". Table 1 states Liberty has completed eight expulsion fuse replacements as of the second quarter 2024 Quarterly Data Report filing.	 a) Liberty has replaced 184 expulsion fuses through July 2024. Liberty plans to meet its target of 500 expulsion fuse replacements in 2024. b) Liberty does not have an expulsion fuse replacement quarterly target for Quarter 3 of 					Data Request CalAd 02_Liberty Respons (libertyutilities.com
 CalAdv-02-2.5	 a) Please provide a brief description of Liberty's plan to replace the remaining 492 expulsion fuses to achieve its targeted goal of 500 expulsion fuse replacements in 2024. b) Does Liberty have an estimated number of expulsion fuses replacements that it will complete by the end of quarter 3? Regarding Liberty's initiative "WMP-GDOM-AI-05: Quality assurance/ quality control of inspection," as part of Liberty's presentation during the 2025 Wildfire Mitigation Plan Update Group 2 Workshop, Liberty stated that by the end of 2025 Liberty will achieve a target of 12% of detailed asset inspections, while achieving a 90% pass rate. 	a) Yes. b) 12%. c) Yes. Refer to Section 6.11 of Liberty's 2025 WMP Update.	Aaron Louie	8/23/2024	8/28/2024	8/28/2024	Data Request CalAo 02 Liberty Respons (libertyutilities.com
CalAdv-02-2.6	a) Will Liberty conduct any QA/QC of detailed inspections during 2024? b) If the answer to part (a) above is yes, what percentage of detailed inspections will Liberty target? c) If the answer to part (a) above is yes, does Liberty have a target pass rate for 2024?		Aaron Louie	8/23/2024	8/28/2024	8/28/2024	Data Request CalAc 02_Liberty Respons (libertyutilities.com

	Water intrusion: Safety Standards – Meets construction standards; Taps and Splices – Splices covered with Hendrix KM splice or equivalent: Hardware/Messenger – Adequate slack								
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	• Bracket placement: Safety Standards – Meets construction standards; Taps and Splices – Anti Sway brackets (BAS-14/24) used at poles with taps.					02 Liberty Response 08282024.pdf (libertyutilities.com)			
	a) The asset tracking application is already developed and in production use. Liberty will enhance the application over the 2026-2028 WMP cycle to add tracking for lightning								
tion internally?	arrestors. b) Liberty developed the application internally using the third party application Fulcrum and								
	plans to develop future enhancements internally. c) N/A d) No: Liberty has not replaced non-exempt lightning arrestors across its service territory.	Aaron Louie	8/23/2024	8/28/2024	8/28/2024				
	d) No; Liberty has not replaced non-exempt lightning arrestors across its service territory. e) N/A					Data Request CalAdvocates-Liberty-2025WMP-			
						02_Liberty Response_08282024.pdf (libertyutilities.com)			
	a) Liberty has experienced permitting delays and construction delays with its planned projects due to limited operating periods imposed by the US Forest Service. Liberty has also					······································			
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		Aaron Louie	8/23/2024	8/28/2024	8/28/2024				
						Data Request CalAdvocates-Liberty-2025WMP-			
the Excel file	As explained in Liberty's 2024 WMP Change Order Request, Liberty will not be completing its					<u>02 Liberty Response 08282024.pdf</u> <u>(libertyutilities.com)</u>			
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24.				- / /	- /				
		Aaron Louie	8/23/2024	8/28/2024	8/28/2024				
						Data Request CalAdvocates-Liberty-2025WMP- 02_Liberty Response_08282024.pdf			
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	of 500 expulsion fuse replacements in 2024. b) Liberty does not have an expulsion fuse replacement quarterly target for Quarter 3 of	Aaron Louie	8/23/2024	8/28/2024	8/28/2024	Data Desurat Calle La constitución des			
expulsion fuse	2024.	-				Data Request CalAdvocates-Liberty-2025WMP- 02_Liberty Response_08282024.pdf (liberty utilities_com)			
	a) Yes. b) 12%.					<u>(libertyutilities.com)</u>			
	b) 12%. c) Yes. Refer to Section 6.11 of Liberty's 2025 WMP Update.								
c) If the answer		Aaron Louie	8/23/2024	8/28/2024	8/28/2024	Data Darwast Calledus astes Liberty 2025MAAD			
						Data Request CalAdvocates-Liberty-2025WMP- 02 Liberty Response 08282024.pdf (liberty utilities com)			
						<u>(libertyutilities.com)</u>			