

Liberty 2025 WMP Update Discovery Log

Count	Party Name	DR #/ID	Data Request	Question No.	Question ID	Question	Response	Requestor	Date Received	Final Date Due	Date Sent	Links	Number of Attachments	Attachment Links	NDA Required?	WMP Section	Category	Subcategory					
1	CalAdvocates	Liberty-2025WMP-01	015-01-1.1	1	015-01-1.1	Q01: Regarding Liberty's Substation Defensible Space Target (WMP-VM-VM-03): In its 2025 Update under Section 3.2.15 "WMP-VM-VM-03: Substation Defensible Space," Liberty stated that "1) the 2025 target for substation defensible space did not change. Liberty does not establish targets for its VM substation defensible space WMP initiative. 2) Liberty's revised 2025 WMP, submitted with the 2025 WMP Update, does not provide a target for its initiative in Table 3.17 "Liberty Vegetation Management Initiative Targets by Year" or its narrative description of the Substation Defensible Space initiative beyond the statement that there will be a "minimum of two site visits" annually per facility. a) What is Liberty's 2025 target for substation defensible space? Provide both the number and the unit. b) Provide the current version of Liberty's Work Verification Procedure (WMP-VM-04) including any updates related to the introduction of the new quality assurance (QA) assessment component of its Vegetation Management QA/QC program. c) Describe Liberty's new QA assessment sampling plan and provide any associated standard operating procedures. d) Provide a summary of the findings from the new QA assessments to date.	a. 12 substation. b. Liberty intends to perform two site visits per substation to perform vegetation treatments. c. Liberty stated that "1) the 2025 target for substation defensible space did not change. Liberty does not establish targets for its VM substation defensible space WMP initiative. 2) Liberty's revised 2025 WMP, submitted with the 2025 WMP Update, does not provide a target for its initiative in Table 3.17 "Liberty Vegetation Management Initiative Targets by Year" or its narrative description of the Substation Defensible Space initiative beyond the statement that there will be a "minimum of two site visits" annually per facility. d. The first treatment is planned to occur between June 1st and September 30th and the second treatment is planned to occur between October 1st and December 31st. e. Two treatments are intended to manage vegetation regrowth and debris accumulation effectively during Spring, Summer and Fall months. If vegetation re-growth or debris accumulation occurs inside substation footprints or perimeters between planned treatments, Liberty will schedule additional treatments as needed. f. Liberty's Work Verification Procedure (WMP-VM-04) defines QA and QC. The definitions section on page 1 and 2. Refer to supporting materials: DRO2 - Question 1a and 1b. Refer to supporting materials: DRO2 - Question 1a and 1b. g. Refer to supporting materials: DRO2 - Question 1c, 1d, DRO2 - Question 1e, and DRO2 - Question 1f. h. Refer to supporting materials: DRO2 - Question 1g.	Sara S. Moore	7/22/2024	7/25/2024	7/24/2024	https://california.libertyutilities.com/uploads/DataRequests/2025%20Liberty%20WMP_2024-LU-001_LibertyResponse_07242024.pdf	3										
1	CalAdvocates	Liberty-2025WMP-01	015-02-2.1	1	015-02-2.1	In Liberty's response to area for continued improvement LU-23-18 "Weather Station Optimization" Liberty indicated it has "engaged Eagle Rock Analytics to perform a weather station optimization analysis for its system to evaluate how well the network captures the diversity of climate conditions within Liberty's territory." a) When does Liberty expect to receive the final analysis from Eagle Rock Analytics? b) Will Liberty make this final analysis available to the public?	a. Liberty expects to receive the final analysis from Eagle Rock Analytics by the end of 2024. b. Yes, Liberty will provide the final analysis in its next WMP submission on in response to stakeholder request.	Sara S. Moore	7/28/2024	7/31/2024	7/30/2024	https://california.libertyutilities.com/uploads/DataRequests/2025%20Liberty%20WMP_2024-LU-001_Liberty%20Response_07302024.pdf	5										
1	CalAdvocates	Liberty-2025WMP-01	015-03-3.1	1	015-03-3.1	Were the cost categories listed in Liberty's 2025 WMP Update (i.e., project permitting, community outreach, communications, and various vegetation management program development activities, as listed in Section 2.2.19.3) included in the projected expenditures in its 2023-2025 Base WMP? a) If they were not included, please describe how and why cost assumptions and expenditure categories (as listed in Section 2.2.19.3) have changed between its 2023-2025 Base WMP and its 2025 WMP Update. b) If 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 2023-2025 Base WMP on February 5, 2024.	a. Yes, the cost categories associated with WMP-VM-ESG-01 were included in the projected expenditures in Liberty's 2023-2025 Base WMP. b. The cost assumptions regarding tracking and recording these categories have changed to capture all of the costs of project permitting within a single initiative. Previously some of the cost categories, mostly project permitting, were recorded as part of the costs of associated initiatives. For example, project permitting costs associated with fall in mitigation work were projected and recorded within Liberty's fall in mitigation WMP initiative. As of the 2025 WMP Update, Liberty will project and track all of the cost categories listed in WMP-VM-ESG-01 within that initiative.	Sara S. Moore	9/6/2024	9/11/2024	9/11/2024	https://california.libertyutilities.com/uploads/DataRequests/2025%20Liberty%20WMP_2024-LU-003_Liberty%20Response_09112024.pdf											
1	CalAdvocates	Liberty-2025WMP-01	015-03-3.2	2	015-03-3.2	Liberty states on p. 140 of its 2023-2025 Redline-Redacted WMP, "Using the outputs from CoudrieV, Liberty has identified circuits ordered by the most risk and targeted the circuits with the high risk." For the circuits that have been identified by Liberty's CoudrieV application, please provide an Excel document that lists the top 20 circuits ordered by risk. The spreadsheet should include the following information in separate columns, at a minimum: a) Risk ranking of the circuit segment b) Circuit ID number c) Name of circuit, if applicable d) Number of customers served by the circuit e) Measure taken, or planned to be taken, to reduce the wildfire risk of the circuit	a) Liberty previously utilized the risk score outputs from Reax and Anup to quantify its 20 risk circuits. Since Liberty is beginning to use the Openplan Risk Assessment Tool ("ORAT") to identify risk, the requested information has been provided in relationship to the Preliminary Risk Score outputs from ORAT described in Section 6.4 of Liberty's updated 2023-2025 WMP. b) Refer to Section 6 of Liberty's updated 2023-2025 WMP. c) Refer to Section 6 of Liberty's updated 2023-2025 WMP. d) Refer to supporting materials: DRO2 - Question 1.	Aaron Louie	7/19/2024	7/24/2024	7/24/2024	https://california.libertyutilities.com/uploads/DataRequests/2025%20Liberty%20WMP_2024-LU-001_Liberty%20Response_07242024.pdf	1										
1	CalAdvocates	Liberty-2025WMP-01	015-03-3.2	1	015-03-3.2	Liberty states on p. 140 of its 2023-2025 Redline-Redacted WMP, "Using the outputs from CoudrieV, Liberty has identified circuits ordered by the most risk and targeted the circuits with the high risk." For the circuits that have been identified by Liberty's CoudrieV application, please provide an Excel document that lists the top 20 circuits ordered by risk. The spreadsheet should include the following information in separate columns, at a minimum: a) Risk ranking of the circuit segment b) Circuit ID number c) Name of circuit, if applicable d) Number of customers served by the circuit e) Measure taken, or planned to be taken, to reduce the wildfire risk of the circuit	a) Liberty PPS Risk Model is currently in development. b) Liberty PPS Risk Model is currently in development. c) Refer to Section 6.2 of Liberty's updated 2023-2025 WMP. d) Liberty does not view prioritizing mitigation initiatives as a substitute for calculating tradeoffs between PPS and Wildfire Risk. Liberty's PPS Risk Model is currently in development, so there is not a tradeoff between PPS Risk and Wildfire Risk to evaluate. Liberty is evaluating its ability to calculate PPS Risk following the implementation of its Asset and Risk tool. Following the integration of Liberty's PPS Risk with its Asset and Risk tool, Liberty will evaluate the tradeoffs between PPS Risk and Wildfire Risk tradeoffs. e) Liberty is evaluating its ability to calculate PPS Risk following the implementation of its Asset and Risk tool. Following the integration of Liberty's PPS Risk with its Asset and Risk tool, Liberty will evaluate the tradeoffs between PPS Risk and Wildfire Risk tradeoffs. f) See Response 3a.	Aaron Louie	7/19/2024	7/24/2024	7/24/2024	https://california.libertyutilities.com/uploads/DataRequests/2025%20Liberty%20WMP_2024-LU-001_Liberty%20Response_07242024.pdf	1										
1	CalAdvocates	Liberty-2025WMP-01	015-03-3.2	2	015-03-3.2	Liberty 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) and Traditional Hardening: SRP has not been implemented on the system or included in the risk model to allow for calculations on its effectiveness. In selecting SRP for its ignition reduction effectiveness, Liberty relied on data from other utilities that have been cited as a mitigation strategy. a) Please describe or provide a timeline of when Liberty will have the necessary data to show the effectiveness of SRP implementation as a mitigation strategy. b) Please describe or provide a timeline of when Liberty will incorporate SRP into the Driveway Risk Assessment Tool (DRAT).	a) Liberty plans to implement SRP across all of its primary distribution conductors during the 2025-2026 WMP cycle. b) The original of the 30-12 days estimate comes from 3DFI rating definition, which is "severe" at 97th percentile or above, i.e. 3% of days of the year. 365 days * 3% = 11 days, which was rounded to 10-12 days. c) N/A. d) N/A. e) Liberty plans to implement SRP across all of its primary distribution conductors during the 2025-2026 WMP cycle. f) The original of the 30-12 days estimate comes from 3DFI rating definition, which is "severe" at 97th percentile or above, i.e. 3% of days of the year. 365 days * 3% = 11 days, which was rounded to 10-12 days. g) N/A. h) N/A. i) Liberty plans to implement SRP across all of its primary distribution conductors during the 2025-2026 WMP cycle. j) The original of the 30-12 days estimate comes from 3DFI rating definition, which is "severe" at 97th percentile or above, i.e. 3% of days of the year. 365 days * 3% = 11 days, which was rounded to 10-12 days.	Aaron Louie	7/19/2024	7/24/2024	7/24/2024	https://california.libertyutilities.com/uploads/DataRequests/2025%20Liberty%20WMP_2024-LU-001_Liberty%20Response_07242024.pdf	1										
1	CalAdvocates	Liberty-2025WMP-01	015-03-3.2	3	015-03-3.2	Liberty states on p. 35 of its 2025 WMP Update, in response to Area of Continued Improvement LU-23-11: Quality Assurance/Quality Control (QA/QC) sample size and pass rates: "Liberty has established an asset inspection QA/QC target of 90% for 2024 and 2025." a) Please describe the QA/QC audit process for asset inspections. b) Please provide Liberty's internal protocols, procedures, or checklists regarding the QA/QC audit process for asset inspections. c) Will Liberty conduct field audits of each inspector's work to validate the results of an asset inspection? d) If the 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 audits be conducted?	a) Refer to supporting materials: DRO2 - Question 8 and 9. b) Refer to supporting materials: DRO2 - Question 8 and 9. c) Refer to supporting materials: DRO2 - Question 8 and 9. d) Refer to supporting materials: DRO2 - Question 8 and 9. e) Refer to supporting materials: DRO2 - Question 8 and 9. f) Refer to supporting materials: DRO2 - Question 8 and 9. g) Refer to supporting materials: DRO2 - Question 8 and 9. h) Refer to supporting materials: DRO2 - Question 8 and 9. i) Refer to supporting materials: DRO2 - Question 8 and 9. j) Refer to supporting materials: DRO2 - Question 8 and 9. k) Refer to supporting materials: DRO2 - Question 8 and 9. l) Refer to supporting materials: DRO2 - Question 8 and 9. m) Refer to supporting materials: DRO2 - Question 8 and 9. n) Refer to supporting materials: DRO2 - Question 8 and 9. o) Refer to supporting materials: DRO2 - Question 8 and 9. p) Refer to supporting materials: DRO2 - Question 8 and 9. q) Refer to supporting materials: DRO2 - Question 8 and 9. r) Refer to supporting materials: DRO2 - Question 8 and 9. s) Refer to supporting materials: DRO2 - Question 8 and 9. t) Refer to supporting materials: DRO2 - Question 8 and 9. u) Refer to supporting materials: DRO2 - Question 8 and 9. v) Refer to supporting materials: DRO2 - Question 8 and 9. w) Refer to supporting materials: DRO2 - Question 8 and 9. x) Refer to supporting materials: DRO2 - Question 8 and 9. y) Refer to supporting materials: DRO2 - Question 8 and 9. z) Refer to supporting materials: DRO2 - Question 8 and 9.	Aaron Louie	7/19/2024	7/24/2024	7/24/2024	https://california.libertyutilities.com/uploads/DataRequests/2025%20Liberty%20WMP_2024-LU-001_Liberty%20Response_07242024.pdf	1										
1	CalAdvocates	Liberty-2025WMP-01	015-03-3.2	4	015-03-3.2	Liberty states on p. 36 of its 2025 WMP Update, in response to Area of Continued Improvement LU-23-15: Reliability Impacts of SRP: Liberty plans to implement SRP program on 15 circuits in 2024 and seven circuits in 2025, which will result in 67.45% of Liberty's primary distribution conductor being covered by SRP by the end of 2025. Based on an analysis of historical weather data for the system, Liberty estimates approximately 10-12 days per year when SRP will be enabled. a) How did Liberty determine that the 22 circuits that will 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 your calculations or provide worksheets. b) When Liberty implements SRP on the 15 circuits in 2024, what is the total percentage of coverage that Liberty will achieve on the primary distribution conductors? c) When Liberty implements SRP on the seven circuits in 2025, what is the total percentage of coverage that Liberty will achieve on the primary distribution conductors? d) Does Liberty plan on implementing SRP across all of Liberty's primary distribution conductors? e) If the answer to part (d) above is no, what is the estimated percentage of coverage that Liberty will achieve? f) If the answer to part (e) above is yes, when will Liberty achieve its goal of coverage across all of Liberty's primary distribution conductors? g) Please provide the historical weather data used by Liberty to estimate that SRP will be enabled approximately 10-12 days per year. h) Please provide a list of the 22 circuits that have been identified for SRP implementation, with the following information about each circuit: i) Circuit ID number ii) Circuit segment name or ID number (if the projected SRP switch affects more than one circuit segment, please identify each one) c) Year of planned implementation (2024 or 2025) d) How many SRP switches will be implemented across the circuit. e) The expected or actual start date of the project. f) The expected completion date of the project. g) Length (in circuit miles) of each project.	a) UNR has completed the viewshed analysis and shared relevant results with Liberty on July 15, 2024. b) Liberty is currently reviewing the proposal and budget from UNR for set-up of new cameras within the service territory and maintenance of existing cameras that lack sustainable funding. New cameras are being proposed in areas that were missing coverage in the viewshed analysis done by UNR. Liberty has not yet entered into a contract with UNR for these cameras and does not have any existing policy or procedures related to the implementation and maintenance of the HD wildfire cameras. c) N/A. d) Yes. There are currently 22 fire detection cameras that cover areas within Liberty's service territory. These cameras are available through the ALERTWildfire Program that is a consortium between UNR and University of Oregon. 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). g) 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. h) Splice covers: Safety Standards - Meets construction standards; Taps and Splices - Bushing covers used on transformers. i) Surface damage/hubbing: Meets construction standards; Material - Used all Hendrix approved components; Material - Only covered the Wires used; Taps and Splices - Rubber covered transformer tap wire used. j) Bracket placement: Safety Standards - Meets construction standards; Taps and Splices - Anti Sway brackets (BAS-1424) used and poles with taps. k) The asset tracking application is already developed and in production use. Liberty will enhance the application over the 2025-2026 WMP cycle to add tracking for lightning arrestors. l) Liberty developed the application internally using the third party application Fulcrum and plans to develop future enhancements internally. m) N/A. n) No; Liberty has not replaced non-exempt lightning arrestors across its service territory. o) N/A.	Aaron Louie	7/19/2024	7/24/2024	7/24/2024	https://california.libertyutilities.com/uploads/DataRequests/2025%20Liberty%20WMP_2024-LU-001_Liberty%20Response_07242024.pdf	1										
1	CalAdvocates	Liberty-2025WMP-01	015-03-3.2	5	015-03-3.2	Liberty states on p. 36 of its 2025 WMP Update, in response to Area of Continued Improvement LU-23-15: Reliability Impacts of SRP: Liberty plans to implement SRP program on 15 circuits in 2024 and seven circuits in 2025, which will result in 67.45% of Liberty's primary distribution conductor being covered by SRP by the end of 2025. Based on an analysis of historical weather data for the system, Liberty estimates approximately 10-12 days per year when SRP will be enabled. a) How did Liberty determine that the 22 circuits that will 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 your calculations or provide worksheets. b) When Liberty implements SRP on the 15 circuits in 2024, what is the total percentage of coverage that Liberty will achieve on the primary distribution conductors? c) When Liberty implements SRP on the seven circuits in 2025, what is the total percentage of coverage that Liberty will achieve on the primary distribution conductors? d) Does Liberty plan on implementing SRP across all of Liberty's primary distribution conductors? e) If the answer to part (d) above is no, what is the estimated percentage of coverage that Liberty will achieve? f) If the answer to part (e) above is yes, when will Liberty achieve its goal of coverage across all of Liberty's primary distribution conductors? g) Please provide the historical weather data used by Liberty to estimate that SRP will be enabled approximately 10-12 days per year. h) Please provide a list of the 22 circuits that have been identified for SRP implementation, with the following information about each circuit: i) Circuit ID number ii) Circuit segment name or ID number (if the projected SRP switch affects more than one circuit segment, please identify each one) c) Year of planned implementation (2024 or 2025) d) How many SRP switches will be implemented across the circuit. e) The expected or actual start date of the project. f) The expected completion date of the project. g) Length (in circuit miles) of each project.	a) UNR has completed the viewshed analysis and shared relevant results with Liberty on July 15, 2024. b) Liberty is currently reviewing the proposal and budget from UNR for set-up of new cameras within the service territory and maintenance of existing cameras that lack sustainable funding. New cameras are being proposed in areas that were missing coverage in the viewshed analysis done by UNR. Liberty has not yet entered into a contract with UNR for these cameras and does not have any existing policy or procedures related to the implementation and maintenance of the HD wildfire cameras. c) N/A. d) Yes. There are currently 22 fire detection cameras that cover areas within Liberty's service territory. These cameras are available through the ALERTWildfire Program that is a consortium between UNR and University of Oregon. 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). g) 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. h) Splice covers: Safety Standards - Meets construction standards; Taps and Splices - Bushing covers used on transformers. i) Surface damage/hubbing: Meets construction standards; Material - Used all Hendrix approved components; Material - Only covered the Wires used; Taps and Splices - Rubber covered transformer tap wire used. j) Bracket placement: Safety Standards - Meets construction standards; Taps and Splices - Anti Sway brackets (BAS-1424) used and poles with taps. k) The asset tracking application is already developed and in production use. Liberty will enhance the application over the 2025-2026 WMP cycle to add tracking for lightning arrestors. l) Liberty developed the application internally using the third party application Fulcrum and plans to develop future enhancements internally. m) N/A. n) No; Liberty has not replaced non-exempt lightning arrestors across its service territory. o) N/A.	Aaron Louie	7/19/2024	7/24/2024	7/24/2024	https://california.libertyutilities.com/uploads/DataRequests/2025%20Liberty%20WMP_2024-LU-001_Liberty%20Response_07242024.pdf	1										
1	CalAdvocates	Liberty-2025WMP-01	015-03-3.2	6	015-03-3.2	Liberty states on p. 36 of its 2025 WMP Update, in response to Area of Continued Improvement LU-23-15: Reliability Impacts of SRP: Liberty plans to implement SRP program on 15 circuits in 2024 and seven circuits in 2025, which will result in 67.45% of Liberty's primary distribution conductor being covered by SRP by the end of 2025. Based on an analysis of historical weather data for the system, Liberty estimates approximately 10-12 days per year when SRP will be enabled. a) How did Liberty determine that the 22 circuits that will 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 your calculations or provide worksheets. b) When Liberty implements SRP on the 15 circuits in 2024, what is the total percentage of coverage that Liberty will achieve on the primary distribution conductors? c) When Liberty implements SRP on the seven circuits in 2025, what is the total percentage of coverage that Liberty will achieve on the primary distribution conductors? d) Does Liberty plan on implementing SRP across all of Liberty's primary distribution conductors? e) If the answer to part (d) above is no, what is the estimated percentage of coverage that Liberty will achieve? f) If the answer to part (e) above is yes, when will Liberty achieve its goal of coverage across all of Liberty's primary distribution conductors? g) Please provide the historical weather data used by Liberty to estimate that SRP will be enabled approximately 10-12 days per year. h) Please provide a list of the 22 circuits that have been identified for SRP implementation, with the following information about each circuit: i) Circuit ID number ii) Circuit segment name or ID number (if the projected SRP switch affects more than one circuit segment, please identify each one) c) Year of planned implementation (2024 or 2025) d) How many SRP switches will be implemented across the circuit. e) The expected or actual start date of the project. f) The expected completion date of the project. g) Length (in circuit miles) of each project.	a) UNR has completed the viewshed analysis and shared relevant results with Liberty on July 15, 2024. b) Liberty is currently reviewing the proposal and budget from UNR for set-up of new cameras within the service territory and maintenance of existing cameras that lack sustainable funding. New cameras are being proposed in areas that were missing coverage in the viewshed analysis done by UNR. Liberty has not yet entered into a contract with UNR for these cameras and does not have any existing policy or procedures related to the implementation and maintenance of the HD wildfire cameras. c) N/A. d) Yes. There are currently 22 fire detection cameras that cover areas within Liberty's service territory. These cameras are available through the ALERTWildfire Program that is a consortium between UNR and University of Oregon. 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). g) 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. h) Splice covers: Safety Standards - Meets construction standards; Taps and Splices - Bushing covers used on transformers. i) Surface damage/hubbing: Meets construction standards; Material - Used all Hendrix approved components; Material - Only covered the Wires used; Taps and Splices - Rubber covered transformer tap wire used. j) Bracket placement: Safety Standards - Meets construction standards; Taps and Splices - Anti Sway brackets (BAS-1424) used and poles with taps. k) The asset tracking application is already developed and in production use. Liberty will enhance the application over the 2025-2026 WMP cycle to add tracking for lightning arrestors. l) Liberty developed the application internally using the third party application Fulcrum and plans to develop future enhancements internally. m) N/A. n) No; Liberty has not replaced non-exempt lightning arrestors across its service territory. o) N/A.	Aaron Louie	7/19/2024	7/24/2024	7/24/2024	https://california.libertyutilities.com/uploads/DataRequests/2025%20Liberty%20WMP_2024-LU-001_Liberty%20Response_07242024.pdf	1										
1	CalAdvocates	Liberty-2025WMP-01	015-03-3.2	7	015-03-3.2	Liberty states on p. 40-41 of its 2025 WMP Update, in response to Area of Continued Improvement LU-23-20: Early detection of ignitions with HD cameras that "University of Nevada Reno (UNR) is performing a view shed analysis to propose locations of existing cameras for Liberty to adopt or potentially install new cameras where current coverage is lacking for the service territory." a) When does Liberty expect that UNR will complete the view shed analysis? b) Has Liberty developed any policy or procedures related to the implementation and maintenance of the HD wildfire cameras? c) If the answer to part (b) above is yes, please provide Liberty's policy and procedures for the implementation and maintenance of the HD wildfire cameras. d) Does Liberty know of any HD cameras (or cameras of similar function) within its service territory that it does not own? e) Does Liberty have access to any HD cameras (or cameras of similar function) within its service territory that it does not own? f) If the 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: i. Whom the cameras belong to ii. The camera's or camera's location iii. How Liberty has gained access to footage from the cameras	a) UNR has completed the viewshed analysis and shared relevant results with Liberty on July 15, 2024. b) Liberty is currently reviewing the proposal and budget from UNR for set-up of new cameras within the service territory and maintenance of existing cameras that lack sustainable funding. New cameras are being proposed in areas that were missing coverage in the viewshed analysis done by UNR. Liberty has not yet entered into a contract with UNR for these cameras and does not have any existing policy or procedures related to the implementation and maintenance of the HD wildfire cameras. c) N/A. d) Yes. There are currently 22 fire detection cameras that cover areas within Liberty's service territory. These cameras are available through the ALERTWildfire Program that is a consortium between UNR and University of Oregon. 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). g) 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. h) Splice covers: Safety Standards - Meets construction standards; Taps and Splices - Bushing covers used on transformers. i) Surface damage/hubbing: Meets construction standards; Material - Used all Hendrix approved components; Material - Only covered the Wires used; Taps and Splices - Rubber covered transformer tap wire used. j) Bracket placement: Safety Standards - Meets construction standards; Taps and Splices - Anti Sway brackets (BAS-1424) used and poles with taps. k) The asset tracking application is already developed and in production use. Liberty will enhance the application over the 2025-2026 WMP cycle to add tracking for lightning arrestors. l) Liberty developed the application internally using the third party application Fulcrum and plans to develop future enhancements internally. m) N/A. n) No; Liberty has not replaced non-exempt lightning arrestors across its service territory. o) N/A.	Aaron Louie	7/19/2024	7/24/2024	7/24/2024	https://california.libertyutilities.com/uploads/DataRequests/2025%20Liberty%20WMP_2024-LU-001_Liberty%20Response_07242024.pdf	1										
1	CalAdvocates	Liberty-2025WMP-01	015-03-3.2	8	015-03-3.2	Liberty states on p. 40-41 of its 2025 WMP Update, in response to Area of Continued Improvement LU-23-20: Early detection of ignitions with HD cameras that "University of Nevada Reno (UNR) is performing a view shed analysis to propose locations of existing cameras for Liberty to adopt or potentially install new cameras where current coverage is lacking for the service territory." a) When does Liberty expect that UNR will complete the view shed analysis? b) Has Liberty developed any policy or procedures related to the implementation and maintenance of the HD wildfire cameras? c) If the answer to part (b) above is yes, please provide Liberty's policy and procedures for the implementation and maintenance of the HD wildfire cameras. d) Does Liberty know of any HD cameras (or cameras of similar function) within its service territory that it does not own? e) Does Liberty have access to any HD cameras (or cameras of similar function) within its service territory that it does not own? f) If the 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: i. Whom the cameras belong to ii. The camera's or camera's location iii. How Liberty has gained access to footage from the cameras	a) UNR has completed the viewshed analysis and shared relevant results with Liberty on July 15, 2024. b) Liberty is currently reviewing the proposal and budget from UNR for set-up of new cameras within the service territory and maintenance of existing cameras that lack sustainable funding. New cameras are being proposed in areas that were missing coverage in the viewshed analysis done by UNR. Liberty has not yet entered into a contract with UNR for these cameras and does not have any existing policy or procedures related to the implementation and maintenance of the HD wildfire cameras. c) N/A. d) Yes. There are currently 22 fire detection cameras that cover areas within Liberty's service territory. These cameras are available through the ALERTWildfire Program that is a consortium between UNR and University of Oregon. 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). g) 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. h) Splice covers: Safety Standards - Meets construction standards; Taps and Splices - Bushing covers used on transformers. i) Surface damage/hubbing: Meets construction standards; Material - Used all Hendrix approved components; Material - Only covered the Wires used; Taps and Splices - Rubber covered transformer tap wire used. j) Bracket placement: Safety Standards - Meets construction standards; Taps and Splices - Anti Sway brackets (BAS-1424) used and poles with taps. k) The asset tracking application is already developed and in production use. Liberty will enhance the application over the 2025-2026 WMP cycle to add tracking for lightning arrestors. l) Liberty developed the application internally using the third party application Fulcrum and plans to develop future enhancements internally. m) N/A. n) No; Liberty has not replaced non-exempt lightning arrestors across its service territory. o) N/A.	Aaron Louie	7/19/2024	7/24/2024	7/24/2024	https://california.libertyutilities.com/uploads/DataRequests/2025%20Liberty%20WMP_2024-LU-001_Liberty%20Response_07242024.pdf	1										
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