

Liberty 2023 WMP Discovery Log

| Count | Party Name   | DR Set # | 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 | 1        | CalAdvocates-Liberty-2023WMP-01 | 1            | CalAdv-01-1.1 | Please provide a copy of each WMP-related document, submission, or report you submit to the Office of Energy Infrastructure Safety (Energy Safety) in 2023 that is related to your WMP. Provide the copy to CalAdvocates within one business day of the document's submission to Energy Safety. If you have submitted the document to Energy Safety in 2023 prior to this data request, please provide a copy as soon as possible and no later than 10 business days from the issuance of this data request. This request is limited to materials or documents that (1) are related to work plans, initiative targets, risk models, risk spend efficiency (RSE) calculations, or WMP change orders; and (2) are provided to Energy Safety to provide additional details or context concerning information or statements in your WMP (and any subsequent revisions or change orders affecting your WMP).  | Refer to attachment: "2023-03-06_Liberty_2023_WMP-RO" for Liberty's 2023 WMP pre-submission, as submitted to OIEs on March 6, 2023. Additionally, Liberty attempted to provide CalAdvocates with copies of its Q4 2022 Quarterly Data Report ("QDR") files on February 1, 2023. However, due to technical issues with the CPUC Kiteworks platform, Liberty was not able to provide copies of these files until February 9, 2023.  | Aaron Louie | 2/24/2023     | N/A            | 3/8/2023  | <a href="#">CalAdvocates-Liberty-2023WMP-01_Liberty-Response-03082023.pdf</a> ( <a href="#">libertyutilities.com</a> ) | 1                     |                  |               | WMP Pre-Submission | Administrative   | N/A          |
| 1     | CalAdvocates | 1        | CalAdvocates-Liberty-2023WMP-01 | 2            | CalAdv-01-1.2 | Please provide a copy of your WMP pre-submission within two business days of its submission to Energy Safety.  | Refer to attachment: "2023-03-06_Liberty_2023_WMP_RO_Public" for Liberty's 2023 WMP pre-submission.   | Aaron Louie | 2/24/2023     | N/A            | 3/8/2023  | <a href="#">CalAdvocates-Liberty-2023WMP-01_Liberty-Response-03082023.pdf</a> ( <a href="#">libertyutilities.com</a> ) | 1                     |                  |               | WMP Pre-Submission | Administrative   | N/A          |
| 1     | CalAdvocates | 1        | CalAdvocates-Liberty-2023WMP-01 | 3            | CalAdv-01-1.3 | Provide a copy of all documents or files that are referenced in your WMP Quarterly Data Reports and submitted to Energy Safety (including but not limited to all PDFs, spatial data files, non-spatial data files, and confidential attachments) on the same business day that the document is sent to Energy Safety.  | Liberty attempted to provide CalAdvocates with copies of its Q4 2022 QDR files on February 1, 2023. However, due to technical issues with the CPUC Kiteworks platform, Liberty was not able to provide copies of these files until February 9, 2023.  | Aaron Louie | 2/24/2023     | N/A            | 3/8/2023  | <a href="#">CalAdvocates-Liberty-2023WMP-01_Liberty-Response-03082023.pdf</a> ( <a href="#">libertyutilities.com</a> ) |                       |                  |               | WMP Pre-Submission | Administrative   | N/A          |
| 1     | CalAdvocates | 1        | CalAdvocates-Liberty-2023WMP-01 | 4            | CalAdv-01-1.4 | Provide a copy of all your confidential responses to WMP discovery requests, on the same business day that you send the documents to the issuer of the discovery request. This includes: a) Confidential responses to WMP discovery requests issued by Energy Safety; b) Confidential responses to WMP discovery requests issued by other entities.  | Liberty will provide CalAdvocates with copies of responses to 2023 WMP discovery requests made by Energy Safety and other entities.   | Aaron Louie | 2/24/2023     | N/A            | 3/8/2023  | <a href="#">CalAdvocates-Liberty-2023WMP-01_Liberty-Response-03082023.pdf</a> ( <a href="#">libertyutilities.com</a> ) |                       |                  |               | WMP Pre-Submission | Administrative   | N/A          |
| 2     | CalAdvocates | 2        | CalAdvocates-Liberty-2023WMP-02 | 1            | CalAdv-02-2.1 | Please identify and provide a copy of all quality assurance or quality control (QA/QC) reports conducted by internal entities that were completed since January 1, 2022, and that examined any programs, initiatives, or strategies described in your 2022 WMP Update.   | For Vegetation Management programs, Liberty performs a post-work documentation review, or desktop review, of 100% of vegetation management invoices in order to confirm accuracy. If satisfactory, the invoices are approved in Liberty's work management system. If not satisfactory, the invoice and supporting documents are returned to the contractor for correction. The following file related to Liberty's Post-Work Verification Procedure ("PWVP") desktop review is included in the Supporting Materials email for this data request response sent to CalAdvocates through the CPUC Kiteworks system: "2022 Liberty Internal Desktop Invoice Audit Tracker." Additionally, Liberty system arborists perform post-work field verifications to confirm adherence to work specifications. This includes a review to determine whether (1) adequate clearances were achieved, (2) slash and debris removal was satisfactory, (3) the inventory of the work is accurate, and (4) pruning was completed per ANSI standards. Work that is determined to be unsatisfactory is reported to the contractor to be corrected. Liberty provided additional information regarding its vegetation management QA/QC procedures in Section 8.2.5 of its 2023 WMP pre-submission. Liberty is in the process of collecting QA/QC materials completed as part of its asset inspections QA/QC program in 2022. Liberty plans to provide this information to CalAdvocates by March 17, 2023. | Aaron Louie | 2/24/2023     | 3/10/2023      | 3/10/2023 | <a href="#">CalAdvocates-Liberty-2023WMP-02_Liberty-Response-03102023.pdf</a> ( <a href="#">libertyutilities.com</a> ) | 6                     |                  |               | 8                  | Grid Design, operations, and maintenance (8.2) Vegetation Management (8.2) | 8.1.6, 8.2.5 |
| 2     | CalAdvocates | 2        | CalAdvocates-Liberty-2023WMP-02 | 2            | CalAdv-02-2.2 | Please identify and provide a copy of all quality assurance or quality control (QA/QC) reports conducted by external entities that were completed since January 1, 2022, and that examined any programs, initiatives, or strategies described in your 2022 WMP Update. External entities include, but are not limited to, consultants, contractors, auditors, court-appointed monitors, and Independent Evaluators.  | Refer to the following vegetation management files and folders in the Supporting Materials email for this data request response sent to CalAdvocates through the CPUC Kiteworks system: "2022_VM_OC_Pass_Results_Report.xlsx", "TAM700_LIDAR_Work_OC_Corrective_Action.xlsx", "QC of Completed Work folder", "QC of Inspections folder Liberty is in the process of collecting QA/QC materials completed as part of its asset inspections QA/QC program in 2022. Liberty plans to provide this information to CalAdvocates by March 17, 2023.", "QC of Pole Clearing folder", "dead tree audit 7 22 folder".  | Aaron Louie | 2/24/2023     | 3/10/2023      | 3/10/2023 | <a href="#">CalAdvocates-Liberty-2023WMP-02_Liberty-Response-03102023.pdf</a> ( <a href="#">libertyutilities.com</a> ) |                       |                  |               | 8                  | Grid Design, operations, and maintenance (8.1) Vegetation Management (8.2) | 8.1.6, 8.2.5 |
| 2     | CalAdvocates | 2        | CalAdvocates-Liberty-2023WMP-02 | 3            | CalAdv-02-2.3 | Provide an Excel table of all defects in the year 2022 found by Energy Safety's Compliance Branch (as rows) that includes the following information in separate columns: a) Associated circuit name b) Defect type c) Description of defect d) 2022 WMP initiative (from your 2022 WMP update) associated with defect e) Date that the defect was identified f) Date that the defect was corrected g) If the defect has not yet been corrected as of the issuance date of this data request, a brief explanation. h) Priority level of corresponding corrective tag i) Geographic latitude of defect in decimal degrees, truncated to seven decimal places j) Geographic longitude of defect in decimal degrees, truncated to seven decimal places.  | Liberty did not receive any Notices of Defects from Energy Safety in 2022.  | Aaron Louie | 2/24/2023     | 3/10/2023      | 3/10/2023 | <a href="#">CalAdvocates-Liberty-2023WMP-02_Liberty-Response-03102023.pdf</a> ( <a href="#">libertyutilities.com</a> ) |                       |                  |               | 12                 | Notices of Violation and Defect  | N/A          |
| 2     | CalAdvocates | 2        | CalAdvocates-Liberty-2023WMP-02 | 4            | CalAdv-02-2.4 | Provide an Excel table of all violations in the year 2022 found by Energy Safety's Compliance Branch (as rows) that includes the following information in separate columns: a) Associated circuit name b) Violation type c) Description of violation d) 2022 WMP initiative (from your 2022 WMP update) associated with violation e) Date that the violation was identified f) Date that the violation was corrected g) If the violation has not yet been corrected as of the issuance date of this data request, a brief explanation. h) Priority level of corresponding corrective tag i) Geographic latitude of violation in decimal degrees, truncated to seven decimal places j) Geographic longitude of violation in decimal degrees, truncated to seven decimal places.   | Liberty did not receive any Notices of Violations from Energy Safety in 2022.   | Aaron Louie | 2/24/2023     | 3/10/2023      | 3/10/2023 | <a href="#">CalAdvocates-Liberty-2023WMP-02_Liberty-Response-03102023.pdf</a> ( <a href="#">libertyutilities.com</a> ) |                       |                  |               | 12                 | Notices of Violation and Defect  | N/A          |
| 3     | CalAdvocates | 3        | CalAdvocates-Liberty-2023WMP-03 | 1            | CalAdv-03-3.1 | Provide an Excel table of all distribution circuits existing as of January 1, 2023 (as rows) that includes the following information in separate columns: a) Circuit name b) Circuit ID number c) Total circuit miles d) Circuit miles in Non-HFTD Areas e) Circuit miles in Other HFTD f) Circuit miles in HFTD Tier 2 g) Circuit miles in HFTD Tier 3 h) Circuit voltage i) Circuit SAIDI (System Average Interruption Duration Index) for 2021 j) Circuit SAIDI (System Average Interruption Duration Index) for 2022 k) Circuit SAIFI (System Average Interruption Frequency Index) for 2021 l) Circuit SAIFI (System Average Interruption Frequency Index) for 2022 m) Circuit MAIFI (Momentary Average Interruption Frequency Index) for 2021 n) Circuit MAIFI (Momentary Average Interruption Frequency Index) for 2022 o) Total customer-minutes of de-energization on the circuit due to PSPS events in 2021 (sum of customer-minutes across all PSPS events). p) Total customer-minutes of de-energization on the circuit due to PSPS events in 2022 (sum of customer-minutes across all PSPS events). q) Total customer-minutes of de-energization on the circuit due to fast-trip settings in 2021. r) Total customer-minutes of de-energization on the circuit due to fast-trip settings in 2022. s) Number of trees that were worked on for EVM in Non-HFTD in 2021 t) Number of trees that were worked on for EVM in Non-HFTD in 2022 u) Number of trees that were worked on for EVM in Other HFTD in 2021 v) Number of trees that were worked on for EVM in Other HFTD in 2022 w) Number of trees that were worked on for EVM in HFTD Tier 2 in 2021 x) Number of trees that were worked on for EVM in HFTD Tier 2 in 2022 y) Number of trees that were worked on for EVM in HFTD Tier 3 in 2021 z) Number of trees that were worked on for EVM in HFTD Tier 3 in 2022 | Refer to supporting file: "CalAdvocates-Liberty-2023WMP-03_Liberty Response Questions 1-4," Tab Q1 - Distribution.  | Aaron Louie | 2/24/2023     | 3/24/2023      | 3/29/2023 | <a href="#">CalAdvocates-Liberty-2023WMP-03_Liberty-Response-03292023.pdf</a> ( <a href="#">libertyutilities.com</a> ) | 1                     |                  |               | 5, 6               | Electrical Infrastructure  | 5.2, 6.4.2   |
| 3     | CalAdvocates | 3        | CalAdvocates-Liberty-2023WMP-03 | 2            | CalAdv-03-3.2 | Provide an Excel table of all transmission circuits existing as of January 1, 2023 (as rows) that includes the following information in separate columns: a) Circuit name b) Circuit ID number c) Total circuit miles d) Circuit miles in Non-HFTD Areas e) Circuit miles in Other HFTD f) Circuit miles in HFTD Tier 2 g) Circuit miles in HFTD Tier 3 h) Circuit voltage i) Total customer-minutes of de-energization on the circuit due to PSPS events in 2021 (sum of customer-minutes across all PSPS events). j) Total customer-minutes of de-energization on the circuit due to PSPS events in 2022 (sum of customer-minutes across all PSPS events). k) Total customer-minutes of de-energization on the circuit due to fast-trip settings in 2021. l) Total customer-minutes of de-energization on the circuit due to fast-trip settings in 2022. m) Number of support structures replaced in Non-HFTD in 2021 n) Number of support structures replaced in Non-HFTD in 2022 o) Number of support structures replaced in Other HFTD in 2021 p) Number of support structures replaced in Other HFTD in 2022 q) Number of support structures replaced in HFTD Tier 2 in 2021 r) Number of support structures replaced in HFTD Tier 2 in 2022 s) Number of support structures replaced in HFTD Tier 3 in 2021 t) Number of support structures replaced in HFTD Tier 3 in 2022 u) Miles of LIDAR inspection in Non-HFTD in 2021 v) Miles of LIDAR inspection in Non-HFTD in 2022 w) Miles of LIDAR inspection in Other HFTD in 2021 x) Miles of LIDAR inspection in Other HFTD in 2022   | Refer to supporting file: "CalAdvocates-Liberty-2023WMP-03_Liberty Response Questions 1-4," Tab Q2 - Transmission.  | Aaron Louie | 2/24/2023     | 3/24/2023      | 3/29/2023 | <a href="#">CalAdvocates-Liberty-2023WMP-03_Liberty-Response-03292023.pdf</a> ( <a href="#">libertyutilities.com</a> ) | 1                     |                  |               | 5, 6               | Electrical Infrastructure  | 5.2, 6.4.2   |
| 3     | CalAdvocates | 3        | CalAdvocates-Liberty-2023WMP-03 | 3            | CalAdv-03-3.3 | Provide an Excel table of all transmission circuits existing as of January 1, 2022, that were removed or decommissioned in 2022, either partially or entirely (as rows). This includes permanent removal, removal of overhead lines that were moved underground, or overhead lines that were decommissioned but not physically removed. Include the following information in separate columns: a) Circuit name b) Circuit ID number c) Circuit miles removed or decommissioned in Non-HFTD Areas d) Circuit miles removed or decommissioned in Other HFTD e) Circuit miles removed or decommissioned in HFTD Tier 2 f) Circuit miles removed or decommissioned in HFTD Tier 3 g) Reason(s) for removal or decommissioning.   | Refer to supporting file: "CalAdvocates-Liberty-2023WMP-03_Liberty Response Questions 1-4," Tab Q3 - Distribution Removals.   | Aaron Louie | 2/24/2023     | 3/24/2023      | 3/29/2023 | <a href="#">CalAdvocates-Liberty-2023WMP-03_Liberty-Response-03292023.pdf</a> ( <a href="#">libertyutilities.com</a> ) | 1                     |                  |               | 8                  | Line Removal   | 8.1.2.9      |
| 3     | CalAdvocates | 3        | CalAdvocates-Liberty-2023WMP-03 | 4            | CalAdv-03-3.4 | Provide an Excel table of all transmission circuits existing as of January 1, 2022, that were removed or decommissioned in 2022, either partially or entirely (as rows). This includes permanent removal, removal of overhead lines that were moved underground, or overhead lines that were decommissioned but not physically removed. Include the following information in separate columns: a) Circuit name b) Circuit ID number c) Circuit miles removed or decommissioned in Non-HFTD Areas d) Circuit miles removed or decommissioned in Other HFTD e) Circuit miles removed or decommissioned in HFTD Tier 2 f) Circuit miles removed or decommissioned in HFTD Tier 3 g) Reason(s) for removal or decommissioning.   | Refer to supporting file: "CalAdvocates-Liberty-2023WMP-03_Liberty Response Questions 1-4," Tab Q4 - Transmission Removals.   | Aaron Louie | 2/24/2023     | 3/24/2023      | 3/29/2023 | <a href="#">CalAdvocates-Liberty-2023WMP-03_Liberty-Response-03292023.pdf</a> ( <a href="#">libertyutilities.com</a> ) | 1                     |                  |               | 8                  | Line removal   | 8.1.2.9      |

|              |   |                                 |    |                |  |   |             |           |           |           |  |   |                |  |       |
|--------------|---|---------------------------------|----|----------------|--|---|-------------|-----------|-----------|-----------|--|---|----------------|--|-------|
|              |   |                                 |    |                | For each WMP initiative listed below, please state how the modeled Wildfire Risk Scores for each circuit or circuit segment influenced where you performed work in 2022. a) Vegetation management (VM)<br>b) Covered conductor installation<br>c) Undergrounding<br>d) Distribution pole replacement<br>e) Grid sectionalization<br>f) Detailed inspections of distribution assets<br>g) Detailed inspections of transmission assets<br>h) Aerial inspections of distribution assets<br>i) Aerial inspections of transmission assets<br>j) LIDAR inspections of distribution assets<br>k) LIDAR inspections of transmission assets.  | Liberty did not perform overall wildfire risk scores at the circuit or circuit segment level that influenced where it performed work in 2022. Work performed in 2022 was planned using separate risk analysis, compliance requirements, and/or subject matter expertise. Liberty is evaluating the results of differing wildfire risk assessments at the circuit and/or circuit segment level to plan and prioritize where it performs future work in 2024. For additional information, refer to Section 6.7, Section 7.1.3, Section 7.1.4, and individual initiative subsections in Section 8 of Liberty's 2023 WMP pre-submission.  | Aaron Louie | 2/24/2023 | 3/24/2023 | 3/29/2023 | CalAdvocates-Liberty-2023WMP-03_Liberty Response_03292023.pdf (libertyutilities.com) | 6 | Risk Scoring   |  | N/A   |
| CalAdvocates | 3 | CalAdvocates-Liberty-2023WMP-03 | 5  | CalAdv-03-3.5  | For each WMP initiative listed below, please state how the modeled Wildfire Risk Scores for each circuit or circuit segment influenced how work in 2022 was sequenced. a) VM<br>b) Covered conductor installation<br>c) Undergrounding<br>d) Distribution pole replacement<br>e) Grid sectionalization<br>f) Detailed inspections of distribution assets<br>g) Detailed inspections of transmission assets<br>h) Aerial inspections of distribution assets<br>i) Aerial inspections of transmission assets<br>j) LIDAR inspections of distribution assets<br>k) LIDAR inspections of transmission assets.  | Liberty did not perform overall wildfire risk scores at the circuit or circuit segment level that influenced where it performed work in 2022. Work performed in 2022 was planned using separate risk analysis, compliance requirements, and/or subject matter expertise. Liberty is evaluating the results of differing wildfire risk assessments at the circuit and/or circuit segment level to plan and prioritize how future work is sequenced in 2024. For additional information, refer to Section 6.7, Section 7.1.3, Section 7.1.4, and individual initiative subsections in Section 8 of Liberty's 2023 WMP pre-submission.   | Aaron Louie | 2/24/2023 | 3/24/2023 | 3/29/2023 | CalAdvocates-Liberty-2023WMP-03_Liberty Response_03292023.pdf (libertyutilities.com) | 6 | Risk Scoring   |  | N/A   |
| CalAdvocates | 3 | CalAdvocates-Liberty-2023WMP-03 | 6  | CalAdv-03-3.6  | For each WMP initiative listed below, please state how the modeled Wildfire Risk Scores for each circuit or circuit segment influence where you plan to perform work in 2023. a) VM<br>b) Covered conductor installation<br>c) Undergrounding<br>d) Distribution pole replacement<br>e) Grid sectionalization<br>f) Detailed inspections of distribution assets<br>g) Detailed inspections of transmission assets<br>h) Aerial inspections of distribution assets<br>i) Aerial inspections of transmission assets<br>j) LIDAR inspections of distribution assets<br>k) LIDAR inspections of transmission assets.   | Liberty did not perform overall wildfire risk scores at the circuit or circuit segment level that influenced where it performed work in 2023. Work performed in 2023 was planned using separate risk analysis, compliance requirements, and/or subject matter expertise. Liberty is evaluating the results of differing wildfire risk assessments at the circuit and/or circuit segment level to plan and prioritize where it performs future work in 2024. For additional information, refer to Section 6.7, Section 7.1.3, Section 7.1.4, and individual initiative subsections in Section 8 of Liberty's 2023 WMP pre-submission.  | Aaron Louie | 2/24/2023 | 3/24/2023 | 3/29/2023 | CalAdvocates-Liberty-2023WMP-03_Liberty Response_03292023.pdf (libertyutilities.com) | 6 | Risk Scoring   |  | N/A   |
| CalAdvocates | 3 | CalAdvocates-Liberty-2023WMP-03 | 7  | CalAdv-03-3.7  | For each WMP initiative listed below, please state how the modeled Wildfire Risk Scores for each circuit or circuit segment influence where you plan to perform work in 2023. a) VM<br>b) Covered conductor installation<br>c) Undergrounding<br>d) Distribution pole replacement<br>e) Grid sectionalization<br>f) Detailed inspections of distribution assets<br>g) Detailed inspections of transmission assets<br>h) Aerial inspections of distribution assets<br>i) Aerial inspections of transmission assets<br>j) LIDAR inspections of distribution assets<br>k) LIDAR inspections of transmission assets.   | Liberty did not perform overall wildfire risk scores at the circuit or circuit segment level that influenced where it performed work in 2023. Work performed in 2023 was planned using separate risk analysis, compliance requirements, and/or subject matter expertise. Liberty is evaluating the results of differing wildfire risk assessments at the circuit and/or circuit segment level to plan and prioritize how future work is sequenced in 2024. For additional information, refer to Section 6.7, Section 7.1.3, Section 7.1.4, and individual initiative subsections in Section 8 of Liberty's 2023 WMP pre-submission.   | Aaron Louie | 2/24/2023 | 3/24/2023 | 3/29/2023 | CalAdvocates-Liberty-2023WMP-03_Liberty Response_03292023.pdf (libertyutilities.com) | 6 | Risk Scoring   |  | N/A   |
| CalAdvocates | 3 | CalAdvocates-Liberty-2023WMP-03 | 8  | CalAdv-03-3.8  | For each WMP initiative listed below, please state how the modeled Wildfire Risk Scores for each circuit or circuit segment influence how work in 2023 will be sequenced. a) VM<br>b) Covered conductor installation<br>c) Undergrounding<br>d) Distribution pole replacement<br>e) Grid sectionalization<br>f) Detailed inspections of distribution assets<br>g) Detailed inspections of transmission assets<br>h) Aerial inspections of distribution assets<br>i) Aerial inspections of transmission assets<br>j) LIDAR inspections of distribution assets<br>k) LIDAR inspections of transmission assets.   | Liberty did not perform overall wildfire risk scores at the circuit or circuit segment level that influenced how work was sequenced in 2023. Work performed in 2023 was planned using separate risk analysis, compliance requirements, and/or subject matter expertise. Liberty is evaluating the results of differing wildfire risk assessments at the circuit and/or circuit segment level to plan and prioritize how future work is sequenced in 2024. For additional information, refer to Section 6.7, Section 7.1.3, Section 7.1.4, and individual initiative subsections in Section 8 of Liberty's 2023 WMP pre-submission.  | Aaron Louie | 2/24/2023 | 3/24/2023 | 3/29/2023 | CalAdvocates-Liberty-2023WMP-03_Liberty Response_03292023.pdf (libertyutilities.com) | 6 | Risk Scoring   |  | N/A   |
| CalAdvocates | 3 | CalAdvocates-Liberty-2023WMP-03 | 9  | CalAdv-03-3.9  | For each WMP initiative listed below, please state how the modeled Wildfire Risk Scores for each circuit or circuit segment influence where you plan to perform work in 2024. a) VM<br>b) Covered conductor installation<br>c) Undergrounding<br>d) Distribution pole replacement<br>e) Grid sectionalization<br>f) Detailed inspections of distribution assets<br>g) Detailed inspections of transmission assets<br>h) Aerial inspections of distribution assets<br>i) Aerial inspections of transmission assets<br>j) LIDAR inspections of distribution assets<br>k) LIDAR inspections of transmission assets.   | Liberty is evaluating the results of differing wildfire risk assessments at the circuit and/or circuit segment level to plan and prioritize where it performs future work in 2024. For additional information, refer to Section 6.7, Section 7.1.3, Section 7.1.4, and individual initiative subsections in Section 8 of Liberty's 2023 WMP pre-submission.   | Aaron Louie | 2/24/2023 | 3/24/2023 | 3/29/2023 | CalAdvocates-Liberty-2023WMP-03_Liberty Response_03292023.pdf (libertyutilities.com) | 6 | Risk Scoring   |  | N/A   |
| CalAdvocates | 3 | CalAdvocates-Liberty-2023WMP-03 | 10 | CalAdv-03-3.10 | For each WMP initiative listed below, please state how the modeled Wildfire Risk Scores for each circuit or circuit segment influence how work in 2024 will be sequenced. a) VM<br>b) Covered conductor installation<br>c) Undergrounding<br>d) Distribution pole replacement<br>e) Grid sectionalization<br>f) Detailed inspections of distribution assets<br>g) Detailed inspections of transmission assets<br>h) Aerial inspections of distribution assets<br>i) Aerial inspections of transmission assets<br>j) LIDAR inspections of distribution assets<br>k) LIDAR inspections of transmission assets.   | Liberty is evaluating the results of differing wildfire risk assessments at the circuit and/or circuit segment level to plan and prioritize how future work is sequenced in 2024. For additional information, refer to Section 6.7, Section 7.1.3, Section 7.1.4, and individual initiative subsections in Section 8 of Liberty's 2023 WMP pre-submission.  | Aaron Louie | 2/24/2023 | 3/24/2023 | 3/29/2023 | CalAdvocates-Liberty-2023WMP-03_Liberty Response_03292023.pdf (libertyutilities.com) | 6 | Risk Scoring   |  | N/A   |
| CalAdvocates | 4 | CalAdvocates-Liberty-2023WMP-04 | 1  | CalAdv-04-4.1  | For each WMP initiative for which you forecast capital expenditures in 2023 to be at least two times actual capital expenditures in 2022, please provide: a) The name of the initiative as it is identified in your 2023-2025 WMP<br>b) The WMP Initiative number in Table 11 of your 2023-2025 WMP<br>c) The name of the initiative as it is identified in your 2022 WMP Update<br>d) The WMP Initiative number in Table 12 of your 2022 WMP Update<br>e) An explanation for the projected increase.  | Refer to supporting file: "CalAdvocates-Liberty-2023WMP-04_Liberty Response Questions 1-4," Tab Response 1.   | Aaron Louie | 2/24/2023 | 3/24/2023 | 3/31/2023 | CalAdvocates-Liberty-2023WMP-04_Liberty Response_03312023.pdf (libertyutilities.com) | 1 | WMP Financials | N/A  | N/A   |
| CalAdvocates | 4 | CalAdvocates-Liberty-2023WMP-04 | 2  | CalAdv-04-4.2  | For each WMP initiative for which you forecast capital expenditures in 2024 to be at least two times actual capital expenditures in 2022, please provide: a) The name of the initiative as it is identified in your 2023-2025 WMP<br>b) The WMP Initiative number in Table 11 of your 2023-2025 WMP<br>c) The name of the initiative as it is identified in your 2022 WMP Update<br>d) The WMP Initiative number in Table 12 of your 2022 WMP Update<br>e) An explanation for the projected increase.  | Refer to supporting file: "CalAdvocates-Liberty-2023WMP-04_Liberty Response Questions 1-4," Tab Response 2.   | Aaron Louie | 2/24/2023 | 3/24/2023 | 3/31/2023 | CalAdvocates-Liberty-2023WMP-04_Liberty Response_03312023.pdf (libertyutilities.com) | 1 | WMP Financials | N/A  | N/A   |
| CalAdvocates | 4 | CalAdvocates-Liberty-2023WMP-04 | 3  | CalAdv-04-4.3  | For each WMP initiative for which you forecast operating expenditures in 2023 to be at least two times actual operating expenditures in 2022, please provide: a) The name of the initiative as it is identified in your 2023-2025 WMP<br>b) The WMP Initiative number in Table 11 of your 2023-2025 WMP<br>c) The name of the initiative as it is identified in your 2022 WMP Update<br>d) The WMP Initiative number in Table 12 of your 2022 WMP Update<br>e) An explanation for the projected increase.  | Refer to supporting file: "CalAdvocates-Liberty-2023WMP-04_Liberty Response Questions 1-4," Tab Response 3.   | Aaron Louie | 2/24/2023 | 3/24/2023 | 3/31/2023 | CalAdvocates-Liberty-2023WMP-04_Liberty Response_03312023.pdf (libertyutilities.com) | 1 | WMP Financials | N/A  | N/A   |
| CalAdvocates | 4 | CalAdvocates-Liberty-2023WMP-04 | 4  | CalAdv-04-4.4  | For each WMP initiative for which you forecast operating expenditures in 2024 to be at least two times actual operating expenditures in 2022, please provide: a) The name of the initiative as it is identified in your 2023-2025 WMP<br>b) The WMP Initiative number in Table 11 of your 2023-2025 WMP<br>c) The name of the initiative as it is identified in your 2022 WMP Update<br>d) The WMP Initiative number in Table 12 of your 2022 WMP Update<br>e) An explanation for the projected increase.  | Refer to supporting file: "CalAdvocates-Liberty-2023WMP-04_Liberty Response Questions 1-4," Tab Response 4.   | Aaron Louie | 2/24/2023 | 3/24/2023 | 4/10/2023 | CalAdvocates-Liberty-2023WMP-04_Liberty Response_04102023.pdf (libertyutilities.com) | 1 | WMP Financials | N/A  | N/A   |
| CalAdvocates | 5 | CalAdvocates-Liberty-2023WMP-05 | 1  | CalAdv-05-5.1  | a) As of January 1, 2022, have you identified transportation corridors within your service territory where falling or falling lines or poles could currently limit egress and/or ingress during an emergency? b) If the answer to part (a) is yes, please describe how you identify such transportation corridors. c) If available, please provide a geospatial data file that contains all current identified transportation corridors with ingress and egress hazards.   | a) No. b) N/A c) N/A  | Aaron Louie | 2/24/2023 | 3/30/2023 | 4/10/2023 | CalAdvocates-Liberty-2023WMP-05_Liberty Response_04102023.pdf (libertyutilities.com) | 6 | N/A            | N/A  | N/A   |
| CalAdvocates | 5 | CalAdvocates-Liberty-2023WMP-05 | 2  | CalAdv-05-5.2  | Provide an Excel table of all distribution circuit-segments that traverse HFTD areas (i.e., the segment has greater than zero circuit-miles in HFTD) existing as of January 1, 2023. The Excel table should list each such circuit-segment as a row and include the following information in separate columns. For items (n) and (o), please include all relevant risk scores. For example, include vegetation risk score, conductor risk score, and any other driver-specific risk scores you have developed. Please insert additional columns as needed to accommodate this. a) Name or ID number of each circuit segment<br>b) Circuit name for the circuit that each segment is part of<br>c) Circuit ID for the circuit that each segment is part of<br>d) Nominal voltage<br>e) Total circuit-miles on the circuit-segment<br>f) Overhead circuit-miles on the circuit-segment in non-HFTD Areas<br>g) Overhead circuit-miles on the circuit-segment in HFTD Tier 2<br>h) Overhead circuit-miles on the circuit-segment in HFTD Tier 3<br>i) Underground circuit-miles on the circuit-segment in non-HFTD Areas<br>j) Underground circuit-miles on the circuit-segment in HFTD Tier 2<br>k) Underground circuit-miles on the circuit-segment in HFTD Tier 3<br>l) Probability of ignition score for the circuit-segment, according to the risk model you used for your 2022 WMP filing<br>m) Consequence of ignition score for the circuit-segment, according to the risk model you used for your 2022 WMP filing<br>n) Total wildfire risk score(s) for the circuit-segment, according to the risk model you used for your 2022 WMP filing. Insert additional columns if needed<br>o) Power Safety Power Shutoff (PSPS) risk score for the circuit-segment, according to the risk model you used for your 2022 WMP filing<br>p) Probability of ignition score for the circuit-segment, according to the risk model you are using for your 2023-2025 WMP filing<br>q) Consequence of ignition score for the circuit-segment, according to the risk model you are using for your 2023-2025 WMP filing | Refer to supporting file: "CalAdvocates-Liberty-2023WMP-05_Liberty Response Question 2,"  | Aaron Louie | 2/24/2023 | 3/30/2023 | 4/10/2023 | CalAdvocates-Liberty-2023WMP-05_Liberty Response_04102023.pdf (libertyutilities.com) | 6 | N/A            | N/A  | N/A   |
| CalAdvocates | 5 | CalAdvocates-Liberty-2023WMP-05 | 3  | CalAdv-05-5.3  | Provide a geodatabase file containing the outputs from your current wildfire risk model (i.e., the model you are using for your 2023-2025 WMP filing) at the circuit-segment level. This data should be equivalent to the previous question, but in GIS format. Please provide, as line features, the most recent spatial data for all circuit segments for which your current risk model calculates circuit-segment-level expected risk (i.e., probability of ignition multiplied by the consequence of ignition). Include the following attributes for each circuit segment: a) Items (a) through (q) of the previous question<br>b) Items (g) through (o) of the previous question  | Liberty does not have a geodatabase file containing the outputs from its wildfire risk model used for the 2023-2025 WMP pre-submission at the circuit-segment level.  | Aaron Louie | 2/24/2023 | 3/30/2023 | 4/10/2023 | CalAdvocates-Liberty-2023WMP-05_Liberty Response_04102023.pdf (libertyutilities.com) | 6 | N/A            | N/A  | N/A   |
| CalAdvocates | 5 | CalAdvocates-Liberty-2023WMP-05 | 4  | CalAdv-05-5.4  | Please fill out the attached spreadsheet, CalAdvocates-Liberty-2023WMP-05_Attachment Tab 1, requesting information regarding your asset inspections in 2022.<br>In response to Data Request CalAdvocates-Liberty-2022WMP-06, Question 7, March 24, 2022, Liberty stated, "Liberty's QA/QC processes for asset inspections were developed for implementation in 2022. The QA/QC processes will be conducted in Quarter 3 and Quarter 4 of 2022 after Quarter 1 and Quarter 2 detailed inspections are completed." a) Did Liberty implement its QA/QC processes for asset inspections in the second half of 2022 as referenced in the quote above?<br>b) Please summarize the results of Liberty's asset inspection QA/QC reviews in 2022.<br>c) Did Liberty's asset inspection QA/QC reviews in 2022 lead to any corrective actions or improvements, such as performing re-inspections of certain assets, revising inspection protocols, or changing training for inspectors?<br>d) If the answer to part (c) is yes, please describe the actions that Liberty is taking as a result of its asset inspection QA/QC reviews.<br>e) If the answer to part (c) is no, please explain why not.  | Refer to supporting file: "CalAdvocates-Liberty-2023WMP-05_Liberty Response Question 4,"<br>a) Yes<br>b) As part of its QA/QC process for 2022, Liberty assigned a third-party contractor to re-inspect 0.5% of its 2022 detailed inspections, equating to 27 re-inspections. Of these, 24 were completed and three locations were inaccessible at the time of re-inspection due to snow, equating to 0.44% re-inspected. Refer to supporting file: "CalAdvocates-Liberty-2023WMP-05_Liberty Response Question 5 and 6."<br>c) No. The QA/QC reviews showed that there are some inconsistencies among inspectors, but the significant issues were captured by both inspections.<br>d) None.<br>e) Minor inconsistencies among inspectors are to be expected. Since major issues were captured with both inspections, no action is being taken at this time. | Aaron Louie | 2/24/2023 | 3/30/2023 | 4/10/2023 | CalAdvocates-Liberty-2023WMP-05_Liberty Response_04102023.pdf (libertyutilities.com) | 1 | 8              | Grid Design, operations, and maintenance (8.1) | 8.1.6 |
| CalAdvocates | 5 | CalAdvocates-Liberty-2023WMP-05 | 5  | CalAdv-05-5.5  | In response to Data Request CalAdvocates-Liberty-2022WMP-06, Question 7, March 24, 2022, Liberty stated, "Liberty's QA/QC processes for asset inspections were developed for implementation in 2022. The QA/QC processes will be conducted in Quarter 3 and Quarter 4 of 2022 after Quarter 1 and Quarter 2 detailed inspections are completed." The following questions refer to the QA/QC processes for asset inspections that Liberty implemented in Quarter 3 and Quarter 4 of 2022: a) Please provide a sample of 5 completed "Appendix A - Program Manager Quarterly Review Acknowledgment" forms.<br>b) Please provide a sample of 5 completed "Appendix B - Senior Manager Annual Review Acknowledgment" forms.<br>c) Please provide a sample of 5 completed "Appendix C - Third Party Inspection" forms that were completed by third party contractors.   | a) Liberty completed one Program Manager Review Acknowledgment form for 2022 asset inspection QA/QC activities. Refer to supporting file: "CalAdvocates-Liberty-2023WMP-05_Liberty Response Question 6."<br>b) Liberty completed one Senior Manager Annual Review Acknowledgment form for 2022 asset inspection QA/QC activities. Refer to supporting file: "CalAdvocates-Liberty-2023WMP-05_Liberty Response Question 6."<br>c) Refer to supporting file: "CalAdvocates-Liberty-2023WMP-05_Liberty Response Question 5 and 6." This file captures the information from the third party QA/QC inspections completed in 2022.  | Aaron Louie | 2/24/2023 | 3/30/2023 | 4/10/2023 | CalAdvocates-Liberty-2023WMP-05_Liberty Response_04102023.pdf (libertyutilities.com) | 1 | 8              | Grid Design, operations, and maintenance (8.1) | 8.1.6 |
| CalAdvocates | 5 | CalAdvocates-Liberty-2023WMP-05 | 6  | CalAdv-05-5.6  |  |   | Aaron Louie | 2/24/2023 | 3/30/2023 | 4/10/2023 | CalAdvocates-Liberty-2023WMP-05_Liberty Response_04102023.pdf (libertyutilities.com) | 1 | 8              | Grid Design, operations, and maintenance (8.1) | 8.1.6 |



|              |    |                                 |   |               |   |                 |           |           |           |   |   |  |         |
|--------------|----|---------------------------------|---|---------------|---|-----------------|-----------|-----------|-----------|---|---|--|---------|
| CalAdvocates | 10 | CalAdvocates-Liberty-2023WMP-10 | 2 | CalAdv-10-102 | <p>On page 174 of its WMP, Liberty states that it completed Quality Assurance and Quality Control (QA/QC) on 0.004% of its detailed asset inspections in 2022, while Liberty's target was to QA/QC 0.0050% of the detailed asset inspections in 2022. Please respond to the following:</p> <p>a) How many individual asset inspections did Liberty conduct QA/QC on in 2022?</p> <p>b) Are both transmission and distribution line inspections included in the 0.004% figure?</p> <p>c) If the answer to part (b) above is "no," please answer which type of detailed inspections it is. On page 182 of its WMP, Liberty states that it implemented its asset inspection QA/QC in 2022 with a 0.5% sample of detailed inspections that were re-inspected by third-party inspectors. Minimal differences were noted by the third-party inspectors, who found only very minor infractions during the re-inspections if differences were noted at all.</p> <p>d) Please explain the apparent discrepancy between the targets stated on pages 174 and 182 for QA/QC of detailed asset inspections (0.005% on page 174 and 0.5% on page 182).</p> <p>On page 181 of its WMP, Liberty states that it implemented its asset inspection QA/QC in 2022 with a 0.5% sample of detailed inspections that were re-inspected by third-party inspectors. Minimal differences were noted by the third-party inspectors, who found only very minor infractions during the re-inspections if differences were noted at all.</p> <p>e) Please explain the apparent discrepancy between the targets stated on pages 174 and 182 for QA/QC of detailed asset inspections (0.005% on page 174 and 0.5% on page 182).</p> | Talal Harahsheh | 5/26/2023 | 6/1/2023  | 6/2/2023  | <p>CalAdvocates-Liberty-2023WMP-10_Liberty_Response_06022023.pdf (libertyutilities.com)</p> | 8 | Grid Design, operations, and maintenance (8.1) | 8.1.3   |
| CalAdvocates | 10 | CalAdvocates-Liberty-2023WMP-10 | 3 | CalAdv-10-103 | <p>a) Please explain the apparent discrepancy between the targets stated on pages 174 and 182 for QA/QC of detailed asset inspections (0.005% on page 174 and 0.5% on page 182).</p> <p>On page 181 of its WMP, Liberty states that it implemented its asset inspection QA/QC in 2022 with a 0.5% sample of detailed inspections that were re-inspected by third-party inspectors. Minimal differences were noted by the third-party inspectors, who found only very minor infractions during the re-inspections if differences were noted at all.</p> <p>b) Please explain the apparent discrepancy between the targets stated on pages 174 and 182 for QA/QC of detailed asset inspections (0.005% on page 174 and 0.5% on page 182).</p>   | Talal Harahsheh | 5/26/2023 | 6/1/2023  | 6/2/2023  | <p>CalAdvocates-Liberty-2023WMP-10_Liberty_Response_06022023.pdf (libertyutilities.com)</p> | 8 | Grid Design, operations, and maintenance (8.1) | 8.1.6   |
| CalAdvocates | 10 | CalAdvocates-Liberty-2023WMP-10 | 4 | CalAdv-10-104 | <p>a) How many third-party QA/QC checks were completed on detailed asset inspections in 2022?</p> <p>On page 183 of its WMP, Liberty states: "As of May 1, 2023, Liberty has halted its detailed inspections in 2023 to eliminate its backlog of open work orders. Both contract crews and internal crews are working to expedite the process. Liberty also states that it "will halt its detailed inspections in order to catch up with its open maintenance work orders and resume detailed inspections in 2024."</p>   | Talal Harahsheh | 5/26/2023 | 6/1/2023  | 6/2/2023  | <p>CalAdvocates-Liberty-2023WMP-10_Liberty_Response_06022023.pdf (libertyutilities.com)</p> | 8 | Grid Design, operations, and maintenance (8.1) | 8.1.6   |
| CalAdvocates | 10 | CalAdvocates-Liberty-2023WMP-10 | 5 | CalAdv-10-105 | <p>On page 183 of its WMP, Liberty states: "As of May 1, 2023, Liberty has halted its detailed inspections in 2023 to eliminate its backlog of open work orders. Both contract crews and internal crews are working to expedite the process. Liberty also states that it "will halt its detailed inspections in order to catch up with its open maintenance work orders and resume detailed inspections in 2024."</p>   | Talal Harahsheh | 5/26/2023 | 6/1/2023  | 6/2/2023  | <p>CalAdvocates-Liberty-2023WMP-10_Liberty_Response_06022023.pdf (libertyutilities.com)</p> | 8 | Grid Design, operations, and maintenance (8.1) | 8.1.7   |
| CalAdvocates | 10 | CalAdvocates-Liberty-2023WMP-10 | 6 | CalAdv-10-106 | <p>a) Explain Liberty's rationale for halting detailed inspections in 2023 to reduce the number of open work orders on Liberty's system, as referenced in the quote above.</p> <p>b) Describe Liberty's current staffing resources allocated to each of the following items under asset management, including but not limited to:</p> <p>i. Inspections</p> <p>ii. Maintenance</p> <p>iii. Resolution of open work orders and any other items not listed above.</p>   | Talal Harahsheh | 5/26/2023 | 6/1/2023  | 6/2/2023  | <p>CalAdvocates-Liberty-2023WMP-10_Liberty_Response_06022023.pdf (libertyutilities.com)</p> | 8 | Grid Design, operations, and maintenance (8.1) | 8.1.7   |
| CalAdvocates | 10 | CalAdvocates-Liberty-2023WMP-10 | 7 | CalAdv-10-107 | <p>a) Please explain how Liberty's current staffing is sufficient to comply with Page 109 of Liberty's WMP states that "Liberty sought to separately strategize future risk model refinements and approaches by onboarding new vendors to help develop a formal risk model decision framework for Liberty."</p> <p>b) Are the "new vendors" that Liberty refers to above IBM and Direxion?</p>  | Talal Harahsheh | 5/26/2023 | 6/1/2023  | 6/2/2023  | <p>CalAdvocates-Liberty-2023WMP-10_Liberty_Response_06022023.pdf (libertyutilities.com)</p> | 8 | Grid Design, operations, and maintenance (8.1) | 8.1.7   |
| CalAdvocates | 11 | CalAdvocates-Liberty-2023WMP-11 | 1 | CalAdv-11-111 | <p>a) Does Liberty have any system hardening mitigation work planned in 2023 for the Topaz circuit listed above? If the answer to part (a) above is yes, please identify the mitigation work selected for the circuit.</p>  | Talal Harahsheh | 6/1/2023  | 6/6/2023  | 6/6/2023  | <p>Liberty Response to DR CalAdvocates-Liberty-2023WMP-11.pdf (libertyutilities.com)</p>    | 7 | Risk Evaluation (7.1)                          | 7.1.1   |
| CalAdvocates | 11 | CalAdvocates-Liberty-2023WMP-11 | 2 | CalAdv-11-112 | <p>a) Please list all of the "discussion points" that Liberty will plot on Figure 7-1 as part of the risk identification and analysis.</p>  | Talal Harahsheh | 6/1/2023  | 6/6/2023  | 6/6/2023  | <p>Liberty Response to DR CalAdvocates-Liberty-2023WMP-11.pdf (libertyutilities.com)</p>    | 7 | Risk Evaluation (7.1)                          | 7.1.1   |
| CalAdvocates | 11 | CalAdvocates-Liberty-2023WMP-11 | 3 | CalAdv-11-113 | <p>Pages 116-117 of Liberty's WMP identify the Topaz circuit as being in an area of elevated wildfire risk. Liberty also states that it did not assess risk drivers impacting the overall risk score and used older studies to support this WMP. With this context:</p> <p>a) Does Liberty have any system hardening mitigation work planned in 2023 for the Topaz circuit listed above? If the answer to part (a) above is yes, please identify the mitigation work selected for the circuit.</p>  | Talal Harahsheh | 6/1/2023  | 6/6/2023  | 6/6/2023  | <p>Liberty Response to DR CalAdvocates-Liberty-2023WMP-11.pdf (libertyutilities.com)</p>    | 7 | Risk Evaluation (7.1)                          | 7.1.3   |
| CalAdvocates | 11 | CalAdvocates-Liberty-2023WMP-11 | 4 | CalAdv-11-114 | <p>Pages 116-117 of Liberty's WMP identify the Muller circuit as being in an area of elevated wildfire risk. Liberty also states that it did not assess risk drivers impacting the overall risk score and used older studies to support this WMP. With this context:</p> <p>a) Does Liberty have any system hardening mitigation work planned in 2023 for the Muller circuit listed above?</p>  | Talal Harahsheh | 6/1/2023  | 6/6/2023  | 6/6/2023  | <p>Liberty Response to DR CalAdvocates-Liberty-2023WMP-11.pdf (libertyutilities.com)</p>    | 7 | Risk Evaluation (7.1)                          | 7.1.3   |
| CalAdvocates | 11 | CalAdvocates-Liberty-2023WMP-11 | 5 | CalAdv-11-115 | <p>Pages 116-117 of Liberty's WMP identify the Meyers circuit as being in an area of elevated wildfire risk. Liberty also states that it did not assess risk drivers impacting the overall risk score and used older studies to support this WMP. With this context:</p> <p>a) Does Liberty have any system hardening mitigation work planned in 2023 for the Meyers circuit listed above?</p>  | Talal Harahsheh | 6/1/2023  | 6/6/2023  | 6/6/2023  | <p>Liberty Response to DR CalAdvocates-Liberty-2023WMP-11.pdf (libertyutilities.com)</p>    | 7 | Risk Evaluation (7.1)                          | 7.1.3   |
| CalAdvocates | 11 | CalAdvocates-Liberty-2023WMP-11 | 6 | CalAdv-11-116 | <p>Page 127 of Liberty's WMP states: "Liberty is currently evaluating wildfire risk results in consultation with its analytics team. Liberty has developed an interim mitigation strategy for its vegetation portfolio and plans to expand this interim mitigation strategy to incorporate asset management measures, as referenced in the quote?"</p>  | Talal Harahsheh | 6/1/2023  | 6/6/2023  | 6/6/2023  | <p>Liberty Response to DR CalAdvocates-Liberty-2023WMP-11.pdf (libertyutilities.com)</p>    | 7 | Risk Evaluation (7.1)                          | 7.1.4   |
| CalAdvocates | 11 | CalAdvocates-Liberty-2023WMP-11 | 7 | CalAdv-11-117 | <p>Page 128 of Liberty's WMP states: "Liberty is actively planning and executing wildfire mitigation initiatives while developing its risk based decision-making process."</p> <p>a) Are any WMP activities or initiatives that Liberty is executing in 2023 based upon the above-mentioned risk based decision-making process?</p> <p>b) If the answer to part (a) is yes, please explain which activities or initiatives in 2023 flow from the risk based decision-making process.</p>  | Talal Harahsheh | 6/1/2023  | 6/6/2023  | 6/6/2023  | <p>Liberty Response to DR CalAdvocates-Liberty-2023WMP-11.pdf (libertyutilities.com)</p>    | 7 | Risk Evaluation (7.1)                          | 7.1.4   |
| CalAdvocates | 11 | CalAdvocates-Liberty-2023WMP-11 | 8 | CalAdv-11-118 | <p>Page 135 of Liberty's WMP states: "In conjunction with this study, Liberty also plans to assess the asset risk reduction and vegetation risk reduction at an operational performance level utilizing IBM's work management platform. IBM's Maximo asset health and predict solution that was customized for Liberty will integrate asset risk and detailed vegetation risk data to help asset and vegetation managers better assess operational risk to plan and adjust work activities for significant weather events."</p> <p>Page 136 of Liberty's WMP states: "Liberty's risk-informed decision-making framework is under development. Liberty's engineering, planning, and regulatory staff will need three to six months post-product/service delivery of all risk analyses to fully engage with internal subject matter experts to evaluate the results of the risk analyses."</p>  | Talal Harahsheh | 6/1/2023  | 6/6/2023  | 6/6/2023  | <p>Liberty Response to DR CalAdvocates-Liberty-2023WMP-11.pdf (libertyutilities.com)</p>    | 7 | Risk Evaluation (7.1)                          | 7.2.2   |
| CalAdvocates | 11 | CalAdvocates-Liberty-2023WMP-11 | 9 | CalAdv-11-119 | <p>Page 136 of Liberty's WMP states: "Liberty's risk-informed decision-making framework is under development. Liberty's engineering, planning, and regulatory staff will need three to six months post-product/service delivery of all risk analyses to fully engage with internal subject matter experts to evaluate the results of the risk analyses."</p> <p>a) When (i.e., month and year) does Liberty expect the development (referenced in the quote above) of its risk-informed decision-making framework to be complete? Please provide a breakdown of the actual spend including at least the following categories:</p> <ul style="list-style-type: none"> <li>Risk assessment and modeling</li> <li>Grid design and system hardening</li> <li>Asset management and inspections</li> <li>Vegetation management and inspections</li> </ul>   | Talal Harahsheh | 6/1/2023  | 6/6/2023  | 6/6/2023  | <p>Liberty Response to DR CalAdvocates-Liberty-2023WMP-11.pdf (libertyutilities.com)</p>    | 7 | Risk Evaluation (7.1)                          | 7.2.3   |
| CalAdvocates | 12 | CalAdvocates-Liberty-2023WMP-12 | 1 | CalAdv-12-121 | <p>On p. 20 of its WMP, Liberty describes its planned spend for the 2023-2025 WMP cycle. Please provide a breakdown of the described proposed expenditures including at least the following categories:</p> <ul style="list-style-type: none"> <li>Risk assessment and modeling</li> <li>Grid design and system hardening</li> <li>Asset management and inspections</li> </ul>  | Talal Harahsheh | 6/6/2023  | 6/9/2023  | 6/9/2023  | <p>CalAdvocates-Liberty-2023WMP-12_Liberty_Response_06092023.pdf (libertyutilities.com)</p> | 4 | Proposed Expenditures (4.3)                    |         |
| CalAdvocates | 12 | CalAdvocates-Liberty-2023WMP-12 | 2 | CalAdv-12-122 | <p>On pp. 201-202 of its WMP, Liberty provides Table 8-18: "Liberty Vegetation Inspections Targets by Year." Please explain why the row describing Liberty's Vegetation Targets by Year for the Initiative Activity "Program - LIDAR" is blank.</p>   | Talal Harahsheh | 6/6/2023  | 6/9/2023  | 6/9/2023  | <p>CalAdvocates-Liberty-2023WMP-12_Liberty_Response_06092023.pdf (libertyutilities.com)</p> | 4 | Proposed Expenditures (4.3)                    |         |
| CalAdvocates | 12 | CalAdvocates-Liberty-2023WMP-12 | 3 | CalAdv-12-123 | <p>On p. 209 of its WMP, Liberty provides Figure 8-4: "Liberty VM Inspection Overview."</p> <p>a) Please describe what steps Liberty takes if a customer refuses access to his or her property for either a vegetation inspection or a vegetation maintenance activity.</p> <p>b) Please provide any internal protocols, handbooks, or other documents that describe the actions Liberty takes if a customer refuses access to his or her property for either a vegetation inspection or a vegetation maintenance activity.</p>   | Talal Harahsheh | 6/6/2023  | 6/9/2023  | 6/9/2023  | <p>CalAdvocates-Liberty-2023WMP-12_Liberty_Response_06092023.pdf (libertyutilities.com)</p> | 8 | Vegetation Management and Inspections (8.2)    | 8.2.1.2 |
| CalAdvocates | 12 | CalAdvocates-Liberty-2023WMP-12 | 4 | CalAdv-12-124 | <p>On p. 243 of its WMP, Liberty provides Table 8-31: "Past Due Vegetation Management Work Orders Categorized by Age."</p> <p>a) In this table, does "age" refer to days since the work order was first created or days since the work order's due date?</p> <p>b) Please explain why there are 2,588 past due work orders in HTD Tier 2 Areas with ages of 184 days.</p>   | Talal Harahsheh | 6/6/2023  | 6/9/2023  | 6/9/2023  | <p>CalAdvocates-Liberty-2023WMP-12_Liberty_Response_06092023.pdf (libertyutilities.com)</p> | 8 | Vegetation Management and Inspections (8.2)    | 8.2.6   |
| CalAdvocates | 12 | CalAdvocates-Liberty-2023WMP-12 | 5 | CalAdv-12-125 | <p>Please provide copies of the following documents:</p> <p>a) Corporate Emergency Management Plan (CEMP), dated April 27, 2022, referenced on p. 284 of your WMP</p> <p>b) Liberty Utilities Public Safety Power Shutoff Playbook, dated June 13, 2022, referenced on p. 284 of your WMP</p>   | Talal Harahsheh | 6/6/2023  | 6/9/2023  | 6/9/2023  | <p>CalAdvocates-Liberty-2023WMP-12_Liberty_Response_06092023.pdf (libertyutilities.com)</p> | 8 | Vegetation Management and Inspections (8.2)    | 8.2.6   |
| CalAdvocates | 13 | CalAdvocates-Liberty-2023WMP-13 | 1 | CalAdv-13-131 | <p>On p. 311 of its WMP, Liberty states "NV Energy is the [Transmission Owner] for Liberty. A specific plan for communicating with NV Energy including the information to be provided is included in the Liberty CEMP."</p> <p>a) Is NV Energy the sole provider of electricity to Liberty's circuit?</p> <p>b) If the answer to part (a) is no, please list the circuits that NV Energy provides electricity to.</p>   | Talal Harahsheh | 6/6/2023  | 6/9/2023  | 6/9/2023  | <p>CalAdvocates-Liberty-2023WMP-13_Liberty_Response_06092023.pdf (libertyutilities.com)</p> | 8 | Emergency Preparedness (8.4)                   | 8.4.2   |
| CalAdvocates | 13 | CalAdvocates-Liberty-2023WMP-13 | 2 | CalAdv-13-132 | <p>Please describe Liberty's plan in the event of de-energization of its circuits by NV Energy.</p> <p>On p. 162 of its WMP, Liberty states: "These programs, in particular Liberty's SRP program, may reduce the need for PPS in certain areas."</p> <p>a) Please explain how Liberty's SRP program may reduce the need for PPS in certain areas.</p> <p>b) Please describe the decision-making process for a situation in which Liberty anticipates PPS conditions but decides to use its SRP program instead.</p>  | Talal Harahsheh | 6/6/2023  | 6/9/2023  | 6/9/2023  | <p>CalAdvocates-Liberty-2023WMP-13_Liberty_Response_06092023.pdf (libertyutilities.com)</p> | 8 | Emergency Preparedness (8.4)                   | 8.4.3.2 |
| CalAdvocates | 13 | CalAdvocates-Liberty-2023WMP-13 | 3 | CalAdv-13-133 | <p>Please list all dates in 2022 when Liberty anticipated PPS conditions but used its SRP program. Please provide a description of the weather conditions in which Liberty enables its SRP program.</p> <p>b) Please identify the months or seasons in which Liberty enables its SRP program.</p> <p>c) Please provide relevant work documents or procedures that Liberty uses related to enabling its SRP program.</p>   | Talal Harahsheh | 6/6/2023  | 6/9/2023  | 6/9/2023  | <p>CalAdvocates-Liberty-2023WMP-13_Liberty_Response_06092023.pdf (libertyutilities.com)</p> | 8 | Grid Design, operations, and maintenance (8.1) | 8.1.2.6 |
| CalAdvocates | 13 | CalAdvocates-Liberty-2023WMP-13 | 4 | CalAdv-13-134 | <p>On p. 162 of its WMP, Liberty states "Liberty will be expanding the 2022 Fast Trip, or SRP, pilot project because of its effectiveness."</p> <p>a) In Liberty's response to CalAdvocates-Liberty-2023WMP-03, Question 1, the excel sheet column "Q" to "Total customer-minutes of de-energization on the circuit during fast-trip settings 2021" provides a value of 20244 for the Circuit Meyers 3300. Please explain if the pilot SRP program was used in 2021 for the Circuit Meyers 3300.</p>  | Talal Harahsheh | 6/6/2023  | 6/9/2023  | 6/9/2023  | <p>CalAdvocates-Liberty-2023WMP-13_Liberty_Response_06092023.pdf (libertyutilities.com)</p> | 8 | Grid Design, operations, and maintenance (8.1) | 8.1.2.6 |
| CalAdvocates | 14 | CalAdvocates-Liberty-2023WMP-14 | 1 | CalAdv-14-141 | <p>Liberty's response to question 8 of data request CalAdvocates-Liberty-2023WMP-11 discusses the "IBM Maximo project" and when the platform would be complete and operational. Liberty's response states, "Liberty has decided to not move forward with IBM's proposed solution at this time."</p> <p>a) Please explain why Liberty has decided to not move forward with the proposed solution from IBM to consolidate its risk data sources.</p> <p>Please explain why your QDR for Q1 of 2022 reports the total number of distribution ignitions in 2020 and 2021 as 26, but your QDR for Q2 of 2022 reports the total number of distribution ignitions in 2020 and 2021 as 4.</p>   | Talal Harahsheh | 6/8/2023  | 6/13/2023 | 6/13/2023 | <p>CalAdvocates-Liberty-2023WMP-14_Liberty_Response_06132023.pdf (libertyutilities.com)</p> | 8 | Grid Design, operations, and maintenance (8.1) | 8.1.2.6 |
| CalAdvocates | 15 | CalAdvocates-Liberty-2023WMP-15 | 1 | CalAdv-15-151 | <p>a) How many reportable distribution ignitions did Liberty experience in 2020?</p> <p>b) How many reportable distribution ignitions did Liberty experience in 2021?</p> <p>c) How many reportable distribution ignitions did Liberty experience in 2022?</p>  | Talal Harahsheh | 6/14/2023 | 6/19/2023 | 6/20/2023 | <p>CalAdvocates-Liberty-2023WMP-15_Liberty_Response_06202023.pdf (libertyutilities.com)</p> | 8 | Grid Design, operations, and maintenance (8.1) | 8.1.2.6 |
| CalAdvocates | 15 | CalAdvocates-Liberty-2023WMP-15 | 2 | CalAdv-15-152 | <p>Please provide an Excel sheet listing all ignitions that occurred on your system in 2020 through 2022. Each ignition should be a row. For each ignition, please provide the following columns of data:</p> <p>a) Date</p> <p>b) Circuit ID number</p> <p>c) Line Type (Distribution or Transmission)</p>   | Talal Harahsheh | 6/14/2023 | 6/19/2023 | 6/20/2023 | <p>CalAdvocates-Liberty-2023WMP-15_Liberty_Response_06202023.pdf (libertyutilities.com)</p> | 8 | Grid Design, operations, and maintenance (8.1) | 8.1.2.6 |
| CalAdvocates | 15 | CalAdvocates-Liberty-2023WMP-15 | 3 | CalAdv-15-153 | <p>a) One.</p> <p>b) Three.</p> <p>c) One.</p>  | Talal Harahsheh | 6/14/2023 | 6/19/2023 | 6/20/2023 | <p>CalAdvocates-Liberty-2023WMP-15_Liberty_Response_06202023.pdf (libertyutilities.com)</p> | 8 | Grid Design, operations, and maintenance (8.1) | 8.1.2.6 |

|                       |   |                        |   |            |   |   |              |          |          |          |  |   |  |  |                    |                |     |
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| Green Power Institute | 1 | GPI-Liberty-2023WMP-01 | 1 | GPI-01-1.1 | Please provide Liberty's Pre-submission 2023-2025 WMP Base Plan filed on March 6, 2023, with the O&S per the 2023 WMP Guidelines and Schedule document, including all attachments and associated supporting documents required for the Pre-submission 2023-2025 WMP Base Plan filing. | Refer to attachment: "2023-03-06_Liberty_2023_WMP_RO_Public" for Liberty's 2023 WMP pre-submission. | Gregg Morris | 3/6/2023 | 3/9/2023 | 3/8/2023 | <a href="#">GPI_Liberty_2023WMP_01_Liberty</a><br><a href="#">Response_03082023.pdf (libertyutilities.com)</a> | 1 |  |  | WMP Pre-Submission | Administrative | N/A |
|-----------------------|---|------------------------|---|------------|---|---|--------------|----------|----------|----------|--|---|--|--|--------------------|----------------|-----|