

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 Cal Advocates 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: "2023-03-08_Liberty_2023_WMP-RO" for Liberty's 2023 WMP pre-submission, as submitted to OES on March 6, 2023. Additionally, Liberty attempted to provide Cal Advocates with copies of its Q4 2022 Quarterly Data Report ("QDR") files on February 1, 2023. However, due to technical issues with the CPUC Keworks 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	CalAdvocates-Liberty-2023WMP-01_Liberty_Response-03082023.pdf@berkeleyliberty.com	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: "2023-03-08_Liberty_2023_WMP_RO_Public" for Liberty's 2023 WMP pre-submission.	Aaron Louie	2/24/2023	N/A	3/8/2023	CalAdvocates-Liberty-2023WMP-01_Liberty_Response-03082023.pdf@berkeleyliberty.com	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 Cal Advocates with copies of its Q4 2022 QDR files on February 1, 2023. However, due to technical issues with the CPUC Keworks 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	CalAdvocates-Liberty-2023WMP-01_Liberty_Response-03082023.pdf@berkeleyliberty.com	1			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 Cal Advocates 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	CalAdvocates-Liberty-2023WMP-01_Liberty_Response-03082023.pdf@berkeleyliberty.com	1			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. External entities include, but are not limited to, consultants, contractors, auditors, court-appointed monitors, and independent evaluators.	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 files related to Liberty's Post-Work Verification Procedure ("PWV") desktop review is included in the Supporting Materials email for this data request response sent to Cal Advocates through the CPUC Keworks system: "2022 Liberty Internal Desktop Invoice Audit Tracker"; "Additionally, Liberty system auditors perform post-work field validations 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 Cal Advocates by March 17, 2023.	Aaron Louie	2/24/2023	3/10/2023	3/10/2023	CalAdvocates-Liberty-2023WMP-02_Liberty_Response-03102023.pdf@berkeleyliberty.com	6			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	2	CalAdv-02-2.2	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	CalAdvocates-Liberty-2023WMP-02_Liberty_Response-03102023.pdf@berkeleyliberty.com	1			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 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	CalAdvocates-Liberty-2023WMP-02_Liberty_Response-03102023.pdf@berkeleyliberty.com	1			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 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) 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 trees that were worked on for EVM in Non-HFTD in 2021. n) Number of trees that were worked on for EVM in Other HFTD in 2021. o) Number of trees that were worked on for EVM in HFTD Tier 2 in 2021. p) Number of trees that were worked on for EVM in HFTD Tier 3 in 2021. q) Miles of covered conductor installed in Non-HFTD in 2021. r) Miles of covered conductor installed in HFTD in 2021.	Refer to supporting file: "CalAdvocates-Liberty-2023WMP-03_Liberty Response Questions 1-4," Tab Q1 - Distribution.	Aaron Louie	2/24/2023	3/10/2023	3/10/2023	CalAdvocates-Liberty-2023WMP-03_Liberty_Response-03102023.pdf@berkeleyliberty.com	1			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 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. y) Miles of LIDAR inspection in HFTD Tier 2 in 2021. z) Miles of LIDAR inspection in HFTD Tier 2 in 2022. aa) Miles of LIDAR inspection in HFTD Tier 3 in 2021. ab) Miles of LIDAR inspection in HFTD Tier 3 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	CalAdvocates-Liberty-2023WMP-03_Liberty_Response-03292023.pdf@berkeleyliberty.com	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 distribution circuits existing as of January 1, 2022, that were removed or decommissioned in 2021, 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	CalAdvocates-Liberty-2023WMP-03_Liberty_Response-03292023.pdf@berkeleyliberty.com	1			5, 6	Electrical Infrastructure	5.2, 6.4.3
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 Q4 - Transmission Removals.	Aaron Louie	2/24/2023	3/24/2023	3/29/2023	CalAdvocates-Liberty-2023WMP-03_Liberty_Response-03292023.pdf@berkeleyliberty.com	1			8	Line Removal	8.1.2.9
3	CalAdvocates	3	CalAdvocates-Liberty-2023WMP-03	4	CalAdv-03-3.4	For each WMP initiative listed below, please state how the modified Wildfire Risk Scores for each circuit or circuit segment influenced where you performed work in 2022. a) Vegetation management (VM) b) Covered conductor installation c) Undergrounding d) Distribution pole replacement e) Grid reconfiguration f) Detailed inspections of distribution assets g) Detailed inspections of transmission assets h) Aerial inspections of distribution assets i) Aerial inspections of transmission assets j) LIDAR inspections of distribution assets 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 performed 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@berkeleyliberty.com	1			8	Line Removal	8.1.2.9
3	CalAdvocates	3	CalAdvocates-Liberty-2023WMP-03	5	CalAdv-03-3.5	For each WMP initiative listed below, please state how the modified Wildfire Risk Scores for each circuit or circuit segment influenced how work in 2022 was performed. a) VM b) Covered conductor installation c) Undergrounding d) Distribution pole replacement e) Grid reconfiguration f) Detailed inspections of distribution assets g) Detailed inspections of transmission assets h) Aerial inspections of distribution assets i) Aerial inspections of transmission assets j) LIDAR inspections of distribution assets 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 performed 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@berkeleyliberty.com	1			6	Risk Scoring	N/A
3	CalAdvocates	3	CalAdvocates-Liberty-2023WMP-03	6	CalAdv-03-3.6	For each WMP initiative listed below, please state how the modified Wildfire Risk Scores for each circuit or circuit segment influenced how work in 2022 was performed. a) VM b) Covered conductor installation c) Undergrounding d) Distribution pole replacement e) Grid reconfiguration f) Detailed inspections of distribution assets g) Detailed inspections of transmission assets h) Aerial inspections of distribution assets i) Aerial inspections of transmission assets j) LIDAR inspections of distribution assets 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 performed 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@berkeleyliberty.com	1			6	Risk Scoring	N/A

Organization	Request ID	Request Title	Request Number	Request Description	Response Number	Request Date	Response Date	Response Title	Response Content	Request Status	Request Category	Request Sub-Category	Request Priority	Request Status	Request Category	Request Sub-Category	Request Priority
Cal Advocates	11	Cal Advocates-Liberty-2023WMP-11	8	Page 13 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 scores to help assess and vegetation managers better assess operational risk to plan and adjust work activities for significant weather event days, including elevated high fire risk days." Page 18 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 at risk studies to fully engage with internal subject matter experts to evaluate the results of the risk analysis." a) When is the month and year does Liberty expect the development (referenced in the quote above) of the risk-informed decision-making framework to be finished? b) When is the month and year does Liberty expect the development (referenced in the quote above) of the risk-informed decision-making framework to be finished? c) On pgs 29-30 of its WMP, Liberty describes its actual WMP spends for the 2020-2022 cycle. Please provide a breakdown of the actual spends including at least the following categories: • Risk assessment and modeling • Grid design and system hardening • Asset management and inspections • Vegetation management and inspections	7	6/7/2023	6/6/2023	6/6/2023	Liberty Response to DR Cal Advocates-Liberty-2023WMP-11.pdf (libertyutilities.com)	Risk Evaluation (1)	7.2.2						
Cal Advocates	11	Cal Advocates-Liberty-2023WMP-11	9	Page 13 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 scores to help assess and vegetation managers better assess operational risk to plan and adjust work activities for significant weather event days, including elevated high fire risk days." Page 18 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 at risk studies to fully engage with internal subject matter experts to evaluate the results of the risk analysis." a) When is the month and year does Liberty expect the development (referenced in the quote above) of the risk-informed decision-making framework to be finished? b) When is the month and year does Liberty expect the development (referenced in the quote above) of the risk-informed decision-making framework to be finished? c) On pgs 29-30 of its WMP, Liberty describes its actual WMP spends for the 2020-2022 cycle. Please provide a breakdown of the actual spends including at least the following categories: • Risk assessment and modeling • Grid design and system hardening • Asset management and inspections • Vegetation management and inspections	7	6/7/2023	6/6/2023	6/6/2023	Liberty Response to DR Cal Advocates-Liberty-2023WMP-11.pdf (libertyutilities.com)	Risk Evaluation (1)	7.2.3						
Cal Advocates	12	Cal Advocates-Liberty-2023WMP-12	1	On pgs 10-11 of its WMP, Liberty describes its planned spends for the 2023-2025 WMP cycle. Please provide a breakdown of the described proposed expenditures including at least the following categories: • Risk assessment and modeling • Grid design and system hardening • Asset management and inspections • Vegetation management and inspections	4	6/6/2023	6/9/2023	6/9/2023	Cal Advocates-Liberty-2023WMP-12_Liberty_Response_06092023.pdf (libertyutilities.com)	Proposed Expenditures (4.3)							
Cal Advocates	12	Cal Advocates-Liberty-2023WMP-12	2	On pgs 201-202 of its WMP, Liberty provides Table B-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.	4	6/6/2023	6/9/2023	6/9/2023	Cal Advocates-Liberty-2023WMP-12_Liberty_Response_06092023.pdf (libertyutilities.com)	Proposed Expenditures (4.3)							
Cal Advocates	12	Cal Advocates-Liberty-2023WMP-12	3	On p. 209 of its WMP, Liberty provides Figure B-4: "Liberty VIM Inspection Overview." 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. 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.	8	6/6/2023	6/9/2023	6/9/2023	Cal Advocates-Liberty-2023WMP-12_Liberty_Response_06092023.pdf (libertyutilities.com)	Vegetation Management and Inspections (B.2)	8.2.1.2						
Cal Advocates	12	Cal Advocates-Liberty-2023WMP-12	4	On p. 243 of its WMP, Liberty provides Table B-31: "Fast Due Vegetation Management Work Orders Categorized by Age." 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? b) Please explain why there are 2,588 past due work orders in HFTD Tier 2 Areas with ages of 181+ days. c) Please describe the actions Liberty is currently taking to address the 2,588 past due work orders in HFTD Tier 2 Areas with ages of 181+ days. d) When does Liberty expect that all of these 2,588 past due work orders in HFTD Tier 2 Areas with ages of 181+ days will be fully resolved? Please provide your response.	8	6/6/2023	6/9/2023	6/9/2023	Cal Advocates-Liberty-2023WMP-12_Liberty_Response_06092023.pdf (libertyutilities.com)	Vegetation Management and Inspections (B.2)	8.2.2						
Cal Advocates	12	Cal Advocates-Liberty-2023WMP-12	5	On pgs 243-244 of its WMP, Liberty provides Table B-31: "Fast Due Vegetation Management Work Orders Categorized by Age." 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? b) Please explain why there are 2,588 past due work orders in HFTD Tier 2 Areas with ages of 181+ days. c) Please describe the actions Liberty is currently taking to address the 2,588 past due work orders in HFTD Tier 2 Areas with ages of 181+ days. d) When does Liberty expect that all of these 2,588 past due work orders in HFTD Tier 2 Areas with ages of 181+ days will be fully resolved? Please provide your response.	8	6/6/2023	6/9/2023	6/9/2023	Cal Advocates-Liberty-2023WMP-12_Liberty_Response_06092023.pdf (libertyutilities.com)	Vegetation Management and Inspections (B.2)	8.2.6						
Cal Advocates	13	Cal Advocates-Liberty-2023WMP-13	1	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 CEM." a) Is NV Energy the sole provider of electricity to Liberty's circuit? b) If the answer to part (a) is no, please list the circuits that NV Energy provides electricity to. c) Please describe Liberty's risk-informed decision-making framework for the communication of circuits to NV Energy. d) Has Liberty ever experienced any disruptions including, but not limited to, PDCM because of loss of electricity supply from NV Energy? e) Please explain why there are 2,588 past due work orders in HFTD Tier 2 Areas with ages of 181+ days. f) Please describe the actions Liberty is currently taking to address the 2,588 past due work orders in HFTD Tier 2 Areas with ages of 181+ days. g) When does Liberty expect that all of these 2,588 past due work orders in HFTD Tier 2 Areas with ages of 181+ days will be fully resolved? Please provide your response.	8	6/6/2023	6/9/2023	6/9/2023	Cal Advocates-Liberty-2023WMP-13_Liberty_Response_06092023.pdf (libertyutilities.com)	Emergency Preparedness (B.4)	8.4.2						
Cal Advocates	13	Cal Advocates-Liberty-2023WMP-13	2	On p. 112 of its WMP, Liberty states "The SRP program, in particular, Liberty's SRP program, may reduce the need for PPS in certain areas." a) Please explain how Liberty's SRP program may reduce the need for PPS in certain areas. b) Please describe the decision-making process for a situation in which Liberty anticipates PPS conditions but decides to use its SRP program instead. c) Please list all dates in 2022 when Liberty anticipated PPS conditions but used its SRP program instead.	8	6/6/2023	6/9/2023	6/9/2023	Cal Advocates-Liberty-2023WMP-13_Liberty_Response_06092023.pdf (libertyutilities.com)	Emergency Preparedness (B.4)	8.4.3.2						
Cal Advocates	13	Cal Advocates-Liberty-2023WMP-13	3	Please provide a description of the weather conditions in which Liberty enables its SRP program. b) Please identify the months or seasons in which Liberty enables its SRP program. c) Please provide relevant work orders or procedures that Liberty uses related to enabling its SRP program.	8	6/6/2023	6/9/2023	6/9/2023	Cal Advocates-Liberty-2023WMP-13_Liberty_Response_06092023.pdf (libertyutilities.com)	Grid Design, operations, and maintenance (B.1)	8.1.2.6						
Cal Advocates	13	Cal Advocates-Liberty-2023WMP-13	4	On p. 162 of its WMP, Liberty states "Liberty will be expanding the 2022 Fast Trip to SRP pilot project because of its effectiveness." a) In Liberty's response to Cal Advocates-Liberty-2023WMP-03, Question 1, the excel sheet column Q "Total customer minutes of de-energization on the circuit during fast trip settings in 2021" provides a value of 20244.00 for the Circuit Meyers 3300. Please explain if the pilot SRP program began in 2021 or if Liberty used a different program for the de-energization. b) There are values listed in Liberty's response to Cal Advocates-Liberty-2023WMP-03, Question 1, the excel sheet column R "Total customer minutes of de-energization on the circuit during fast trip settings in 2022" that are significantly higher than the values listed in the same column for 2021. Please explain why there are these higher values listed in 2022. c) Please describe the actions Liberty is currently taking to address the 2,588 past due work orders in HFTD Tier 2 Areas with ages of 181+ days. d) When does Liberty expect that all of these 2,588 past due work orders in HFTD Tier 2 Areas with ages of 181+ days will be fully resolved? Please provide your response.	8	6/6/2023	6/9/2023	6/9/2023	Cal Advocates-Liberty-2023WMP-13_Liberty_Response_06092023.pdf (libertyutilities.com)	Grid Design, operations, and maintenance (B.1)	8.1.2.6						
Cal Advocates	14	Cal Advocates-Liberty-2023WMP-14	1	On p. 162 of its WMP, Liberty states "Liberty will be expanding the 2022 Fast Trip to SRP pilot project because of its effectiveness." a) In Liberty's response to Cal Advocates-Liberty-2023WMP-03, Question 1, the excel sheet column Q "Total customer minutes of de-energization on the circuit during fast trip settings in 2021" provides a value of 20244.00 for the Circuit Meyers 3300. Please explain if the pilot SRP program began in 2021 or if Liberty used a different program for the de-energization. b) There are values listed in Liberty's response to Cal Advocates-Liberty-2023WMP-03, Question 1, the excel sheet column R "Total customer minutes of de-energization on the circuit during fast trip settings in 2022" that are significantly higher than the values listed in the same column for 2021. Please explain why there are these higher values listed in 2022. c) Please describe the actions Liberty is currently taking to address the 2,588 past due work orders in HFTD Tier 2 Areas with ages of 181+ days. d) When does Liberty expect that all of these 2,588 past due work orders in HFTD Tier 2 Areas with ages of 181+ days will be fully resolved? Please provide your response.	8	6/6/2023	6/9/2023	6/9/2023	Cal Advocates-Liberty-2023WMP-14_Liberty_Response_06132023.pdf (libertyutilities.com)	Grid Design, operations, and maintenance (B.1)	8.1.2.6						
Cal Advocates	15	Cal Advocates-Liberty-2023WMP-15	1	On p. 162 of its WMP, Liberty states "Liberty will be expanding the 2022 Fast Trip to SRP pilot project because of its effectiveness." a) In Liberty's response to Cal Advocates-Liberty-2023WMP-03, Question 1, the excel sheet column Q "Total customer minutes of de-energization on the circuit during fast trip settings in 2021" provides a value of 20244.00 for the Circuit Meyers 3300. Please explain if the pilot SRP program began in 2021 or if Liberty used a different program for the de-energization. b) There are values listed in Liberty's response to Cal Advocates-Liberty-2023WMP-03, Question 1, the excel sheet column R "Total customer minutes of de-energization on the circuit during fast trip settings in 2022" that are significantly higher than the values listed in the same column for 2021. Please explain why there are these higher values listed in 2022. c) Please describe the actions Liberty is currently taking to address the 2,588 past due work orders in HFTD Tier 2 Areas with ages of 181+ days. d) When does Liberty expect that all of these 2,588 past due work orders in HFTD Tier 2 Areas with ages of 181+ days will be fully resolved? Please provide your response.	8	6/14/2023	6/19/2023	6/20/2023	Cal Advocates-Liberty-2023WMP-15_Liberty_Response_06202023.pdf (libertyutilities.com)	Grid Design, operations, and maintenance (B.1)	8.1.2.6						
Cal Advocates	15	Cal Advocates-Liberty-2023WMP-15	2	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: a) Date b) Circuit ID number c) Line Type (Distribution or Transmission) d) IED to Line at the ignition location. e) Please provide the Pre-submission 2023-2025 WMP Base Plan Filed on March 6, 2023, with the OES 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.	1	6/14/2023	6/19/2023	6/20/2023	Cal Advocates-Liberty-2023WMP-15_Liberty_Response_06202023.pdf (libertyutilities.com)	Grid Design, operations, and maintenance (B.1)	8.1.2.6						
Green Power Institute	1	GPI-Liberty-2023WMP-01	1	Q01. Regarding Weather Station Standards and Locations: a. Liberty states in section 3.2.2 of its WMP (p. 243): "...weather station network currently consists of 35 stations that are distributed throughout the service territory and plans to add an additional four stations in 2023. In addition to Liberty's weather stations, there are dozens more AWS and NWS weather stations within the service territory that are monitored through the MeteoWest network." i. Provide the installation and equipment standards that all Liberty weather stations are installed to, including height from ground, direction of cross-arm and which side of the pole/tower they are installed on. ii. None. iii. 2020, 10, 2021, 29; 2022, 29. iv. Provide the total number of stations not serviced annually over the past three years. v. Provide the percentage of stations that are serviced annually over the past three years. Q02. Regarding Fuel Moisture Sampling: a. Liberty states in section 3.3.2.1 of its WMP (p. 243): "In 2022, fuel moisture sampling was conducted on a weekly basis and will continue during the 2023 fire season." i. Provide a map of the Live Fuel Moisture (LFM) and Dead Fuel Moisture (DFM) sampling sites, including any sites used that are being collected by other parties (e.g., FIRM, JHCC, etc.). ii. None. Q03. Regarding Location Fuse Replacements: a. On page 167 of Liberty's 2023 WMP, Liberty states: "As at the end of 2022, Liberty became aware that one of the current limiting fuse options on the market was experiencing failures in the field. Liberty halted expansion fuse replacements because these current limiting fuses failed to provide ignition risk reduction." i. Provide the number of failures Liberty experienced with this current limiting fuse. ii. Provide the number of ignitions associated with this current limiting fuse that Liberty has experienced, broken down by year, if applicable. b. On page 167 of Liberty's 2023 WMP, Liberty states: "The current limiting fuse vendor suggested that no more fuses should be installed, and any that were installed needed to be continuously checked to confirm they did not have any air gaps that would lead to excessive heat buildup." i. Provide Liberty's current process for performing such continuous checks. ii. Provide Liberty's plans to reduce ignition risk relating to current limiting fuses that have been installed. Q04. Regarding OADs for Asset Inspections: a. On page 182 of Liberty's 2023 WMP, Liberty states: "Current pass rates and pass rate targets are not currently available. Pass rates and targets will be established and implemented for use during its 2023 OADs of inspections." i. Has Liberty established these pass rates? If so, provide pass rates broken down by inspection type as applicable. If not, provide Liberty's expected timeline for establishment, and describe how Liberty plans to develop such pass rates. Q05. Regarding Open Work Orders: a. In Table B-11 of Liberty's 2023 WMP, Liberty shows a total of 390 overdue work orders in HFTD Tier 2 or 3, with 285 work orders 181+ days overdue. i. Provide details as to why these work orders are overdue, including trends on cause for delay. Q06. Regarding Fast Trip Settings: a. On page 161 of Liberty's 2023 WMP, Liberty states "the use of fast trip settings will have an impact on system reliability." What, if any, reliability impacts has Liberty observed from use of fast trip settings so far? This should include data on the following: i. Number of outages that occurred while fast trip settings were enabled. ii. Number of customers affected by such outages. iii. Duration of outages that occurred while fast trip settings were enabled. iv. Customer interruption minutes associated with such outages. Q07. Regarding HD Camera Sponsorship: a. In Liberty's 2023 WMP (pgs. 262-266), Liberty states it intends to sponsor and support eight HD Cameras within its territory in 2023. Liberty stated it is finalizing the partnership for the eight cameras prior to the fire season both in 2023 (p. 83) and 2022 (p. 107) WMP submissions. i. Provide an overview of the process involved in adopting/partnering/sponsoring of these eight cameras. ii. Provide an explanation behind the delays in achieving the previous targeted goals for partnering/adopting/sponsoring of the eight HD Cameras, including specific challenges or obstacles that led to the postponement. iii. Provide the locations of the eight targeted locations that Liberty plans to sponsor. Q08. Regarding Back-up Power Program: a. Liberty describes a back-up power program in Section 2.1.3 of its Plan to Support Populations with Access and Functional Needs During PPS. i. What type of battery back-up service does Liberty provide to medical baseline customers? ii. In 2021 and 2022, how many customers participated in this back-up power program? how many customers does Liberty project to participate in the program in 2023, 2024, and 2025? Q09. Regarding Cost-Benefit Analysis: a. Has Liberty performed a cost-benefit analysis of its annual LIDAR inspections? If so, provide a brief discussion of the results of that cost-benefit analysis. b. Has Liberty performed any type of effectiveness study or studies as it relates to its LIDAR inspections, including, but not limited to, the effectiveness of LIDAR to accurately calculate clearance distances and identify potential fall hazards? c. On page 6.6 (p. 103) of its WMP, Liberty states that independent review is not applicable due to being in the early stages of implementing and using a new wildfire risk model. i. Once Liberty has fully implemented its wildfire model, what does Liberty expect the independent review process for its wildfire risk modeling, and the data collection and generation of its wildfire risk modeling? ii. What elements of Liberty's wildfire risk modeling does it expect will require independent review (e.g., model integration, input data, review triggers)? Q10. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q11. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q12. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q13. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q14. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q15. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q16. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q17. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q18. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q19. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q20. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q21. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q22. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q23. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q24. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q25. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q26. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q27. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q28. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q29. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. 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Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q31. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q32. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q33. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. 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Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q35. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q36. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q37. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q38. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q39. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q40. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q41. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q42. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q43. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q44. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q45. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q46. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q47. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q48. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q49. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q50. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q51. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts of Liberty's risk modeling capabilities will remain "in-house" after the Technology model is fully implemented? i. How are Technology's analytics used to make risk mitigation decisions. ii. Describe the roles and functions Liberty's staff have in the process that uses vendor analytics to produce risk identification, prioritization, and mitigation decisions. b. Besides Technology, what other risk modeling vendors and subject matter experts will be involved in the on-going operation of Liberty's wildfire risk modeling, once fully implemented? Q52. Regarding Section 6.1.1, Independent Review and Section 6.2.2, Model Control, Design, and Review: what parts													

