								Liberty 2023 WMP Discovery Log											
Las	Updated:	7/27/2023																	
	Count	Party Name	DR Set #	Data Request	Question No.	Question ID	Question	Responses	Requestor	Date Received	Final Date Due	Date Sent	Links	Number of Attachements	Attachment Links	NDA Required?	WMP Section	Category	Subcategory
							Please provide a copy of each WMP-related document, submission, or report you submit to the	Refer to attachment: "2023-03-06_Liberty_2023_WMP-RO" for Liberty's 2023 WMP pre-											
							Office of Energy Infrastructure Safety (Energy Safety) in 2023 that is related to your WMP.											1	

Count Party Name CalAdvocates CalAdvocates	DR Set # Data Request 1 CalAdvocates-Liberty-2023WMP-01	Question No.			as submitted to OEIS on March 6, 2023. Additionally, Liberty attempted to Advocates with copies of its Q4 2022 Quarterly Data Report ("QDR") files on 2023. However, due to technical issues with the CPUC Kiteworks platform,	stor Date Received Fina		Date Sent Links Number of Attachements Att	tachment Links NDA Required? WMP Section Category Subcategory
	·	1		Sharing Stacts, and (2) are provided to Elicity Salety to provide duditional details of			N/A		
CalAdvocates	1 C-14 due Lib 2022MAD 04		CalAdv-01-1.1	context concerning information or statements in your WMP (and any subsequent revisions or change orders affecting your WMP). Please provide a copy of your WMP pre-submission within two business days of its submission Refer to attack.	Aaron Louie	e 2/24/2023		CalAdvocates-Liberty-2023WMP-01 Liberty 3/8/2023 Response 03082023.pdf (libertyutilities.com)	WMP Pre- Submission Administrative N/A WMP Pre-
	1 CalAdvocates-Liberty-2023WMP-01	2	CalAdv-01-1.2		sion. Aaron Louie	e 2/24/2023	N/A	3/8/2023 CalAdvocates-Liberty-2023WMP-01_Liberty 1 Response 03082023.pdf (libertyutilities.com)	Submission Administrative N/A
CalAdvocates	1 CalAdvocates-Liberty-2023WMP-01	3		spatial data files, and confidential attachments) on the same business day that the document is sent to Energy Safety. Provide a copy of all your confidential responses to WMP discovery requests, on the same Liberty will p	2023. However, due to technical issues with the CPUC Kiteworks platform, not able to provide copies of these files until February 9, 2023. Aaron Louie provide CalAdvocates with copies of responses to 2023 WMP discovery ade by Energy Safety and other entities.	e 2/24/2023	N/A	CalAdvocates-Liberty-2023WMP-01 Liberty 3/8/2023 Response 03082023.pdf (libertyutilities.com)	WMP Pre- Submission Administrative N/A
CalAdvocates	1 CalAdvocates-Liberty-2023WMP-01	4		a) Confidential responses to WMP discovery requests issued by Energy Safety. b) Confidential responses to WMP discovery requests issued by other entities.	Aaron Louie	e 2/24/2023	N/A	CalAdvocates-Liberty-2023WMP-01_Liberty 3/8/2023 Response 03082023.pdf (libertyutilities.com)	WMP Pre- Submission Administrative N/A
CalAdvocates	2 CalAdvocates-Liberty-2023WMP-02	1	CalAdv-02-2.1	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. review, or de confirm accurs system. If not contractor for Procedure ("Id data request Liberty Intern perform post includes a reand debris repruning was is reported to regarding its pre-submissis of its asset in to CalAdvoca 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.	ion Management programs, Liberty performs a post-work documentation esktop review, of 100% of vegetation management invoices in order to uracy. If satisfactory, the invoices are approved in Liberty's work management of satisfactory, the invoice and supporting documents are returned to the or correction. The following file related to Liberty's Post-Work Verification "PWVP") desktop review is included in the Supporting Materials email for this it response sent to CalAdvocates through the CPUC Kiteworks system: "2022 rnal Desktop Invoice Audit Tracker." Additionally, Liberty system arborists st-work field validations to confirm adherence to work specifications. This eview to determine whether (1) adequate clearances were achieved, (2) slash removal was satisfactory, (3) the inventory of the work is accurate, and (4) to completed per ANSI standards. Work that is determined to be unsatisfactory to the contractor to be corrected. Liberty provided additional information is vegetation management QA/QC procedures in Section 8.2.5 of its 2023 WMP is sion. Liberty is in the process of collecting QA/QC materials completed as part inspections QA/QC program in 2022. Liberty plans to provide this information rates by March 17, 2023. Aaron Louie of following vegetation management files and folders in the Supporting mail for this data request response sent to CalAdvocates through the CPUC system: • 2022_VM_QC_Pass_Results_Report.xlsx LiDAR_Work_QC_Corrective_Action.xlsx Inpleted Work folder Descriptions of the process of collecting QA/QC materials	e 2/24/2023	3/10/2023	CalAdvocates-Liberty-2023WMP-02 Liberty 3/10/2023 Response_03102023.pdf (libertyutilities.com)	Grid Design, operations, and maintenance (8.1). 8 Vegetation Management (8.2) 8.1.6, 8.2.5
				completed as	as part of its asset inspections QA/QC program in 2022. Liberty plans to information to CalAdvocates by March 17, 2023.				
CalAdvocates	2 CalAdvocates-Liberty-2023WMP-02	2	CalAdv-02-2.2	• Dead tree a	e Clearing folder audit 7_22 folder not receive any Notices of Defects from Energy Safety in 2022.	e 2/24/2023	3/10/2023	3/10/2023 Response 03102023.pdf (libertyutilities.com)	Grid Design, operations, and maintenance (8.1). 8 Vegetation Management (8.2) 8.1.6, 8.2.5
CalAdvocates	2 CalAdvocates-Liberty-2023WMP-02	3	CalAdv-02-2.3	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.	Aaron Louie not receive any Notices of Violations from Energy Safety in 2022.	e 2/24/2023	3/10/2023	CalAdvocates-Liberty-2023WMP-02_Liberty 3/10/2023 Response 03102023.pdf (libertyutilities.com)	12 Notices of Violation and Defect N/A
CalAdvocates	2 CalAdvocates-Liberty-2023WMP-02	4	CalAdv-02-2.4	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.	Aaron Louie	e 2/24/2023	3/10/2023	CalAdvocates-Liberty-2023WMP-02_Liberty_ 3/10/2023 Response_03102023.pdf (libertyutilities.com)	12 Notices of Violation and Defect N/A
CalAdvocates	3 CalAdvocates-Liberty-2023WMP-03	1	CalAdv-03-3.1	b) Circuit ID number c) Total circuit miles d) Circuit miles in Non-HFTD Areas e) Circuit miles in Non-HFTD Areas e) Circuit miles in HFTD Tier 2 g) Circuit sin is in HFTD Tier 2 g) Circuit sin is in HFTD Tier 3 h) Circuit voltage l) Circuit SAIDI (System Average Interruption Duration Index) for 2021 g) Circuit SAIDI (System Average Interruption Duration Index) for 2021 g) Circuit SAIDI (System Average Interruption Frequency Index) for 2021 g) Circuit SAIDI (System Average Interruption Frequency Index) for 2021 g) Circuit SAIPI (System Average Interruption Frequency Index) for 2021 g) Circuit SAIPI (Momentary Average Interruption Frequency Index) for 2021 g) Circuit MAIPI (Momentary Average Interruption Frequency Index) for 2021 g) Total customer-minutes of de-energization on the circuit due to FSFS events in 2021 (sum of customer-minutes across all PSFS events). g) Total customer-minutes of de-energization on the circuit due to FSFS events in 2022 (sum of customer-minutes across all PSFS events). g) Total customer-minutes of de-energization on the circuit due to fast-trip settings in 2021. g) Total customer-minutes of de-energization on the circuit due to fast-trip settings in 2022. g) Number of trees that were worked on for EVM in Non-HFTD in 2021 g) Number of trees that were worked on for EVM in Non-HFTD in 2021 g) Number of trees that were worked on for EVM in Other HFTD in 2021 g) Number of trees that were worked on for EVM in HFTD Tier 2 in 2021 g) Number of trees that were worked on for EVM in HFTD Tier 2 in 2021 g) Circuit miles in HFTD Tier 3 g) Circuit miles in HFTD Tier 3 g) Circuit miles in HFTD Tier 2 g) Circuit miles in Other HFTD f) Circuit miles in HFTD Tier 2 g) Circuit miles in Other HFTD f) Circuit miles in Other HFTD f) Circuit miles in HFTD Tier 2 g) Circuit miles in Other HFTD f) Circuit miles on Other MFTD Tier 2 g) Circuit miles on Other MFTD f) Circuit miles on Other MFTD Tier 2 g) Circuit miles on Other MFTD f) Circuit miles on Other MFTD f) Circuit miles on Other MFTD f) Circuit miles	Aaron Louie porting file: "CalAdvocates-Liberty-2023WMP-03_ Liberty Response Questions — Transmission.	e 2/24/2023	3/24/2023	CalAdvocates-Liberty-2023WMP-03 Liberty 3/29/2023 Response 03292023.pdf (libertyutilities.com)	5, 6 Electrical Infrastructure 5.2, 6.4.2
CalAdvocates	3 CalAdvocates-Liberty-2023WMP-03	2	CalAdv-03-3.2	x) Miles of LiDAR inspection in Other HFTD in 2022 y) Miles of LiDAR inspection in HFTD Tier 2 in 2021	Aaron Louie	e 2/24/2023	3/24/2023	CalAdvocates-Liberty-2023WMP-03_Liberty 3/29/2023 Response_03292023.pdf (libertyutilities.com)	5, 6 Electrical Infrastructure 5.2, 6.4.3
					oporting file: "CalAdvocates-Liberty-2023WMP-03_ Liberty Response Questions B – Distribution Removals.			1	
CalAdvocates	3 CalAdvocates-Liberty-2023WMP-03	3	CalAdv-03-3.3	f) Circuit miles removed or decommissioned in HFTD Tier 3 g) Reason(s) for removal or decommissioning. 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	Aaron Louie oporting file: "CalAdvocates-Liberty-2023WMP-03_ Liberty Response Questions 4 – Transmission Removals.	e 2/24/2023	3/24/2023	CalAdvocates-Liberty-2023WMP-03 Liberty 3/29/2023 Response_03292023.pdf (libertyutilities.com) 1	8 Line Removal 8.1.2.9
CalAdvocates	3 CalAdvocates-Liberty-2023WMP-03	3		f) Circuit miles removed or decommissioned in HFTD Tier 3 g) Reason(s) for removal or decommissioning. 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	porting file: "CalAdvocates-Liberty-2023WMP-03_ Liberty Response Questions	e 2/24/2023	3/24/2023		8 Line Removal 8.1.2.9

			1				
					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) 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.		
					b) Covered conductor installation c) Undergrounding d) Distribution pole replacement 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 7.1.4, and individual		
					e) Grid sectionalization f) Detailed inspections of distribution assets g) Detailed inspections of transmission assets		
					h) Aerial inspections of distribution assets i) Aerial inspections of transmission assets		
CalA	Advocates	3 CalAdvocates-Liberty-2023WMP-03	5	CalAdv-03-3.5	j) LiDAR inspections of distribution assets k) LiDAR inspections of transmission assets. Aaron Louie Z/24/2023 Aaron Louie Z/24/2023 Aaron Louie Aaron Louie Z/24/2023 Aaron Louie Aaron Louie Z/24/2023 Aaron Louie Z/24/2023 Z/24/2	Risk Scoring N/	/A
					that influenced how work in 2022 was sequenced. a) VM b) Covered conductor installation c) Undergrounding b Liberty is evaluating the results of differing wildfire risk assessments at the circuit and/or		
					d) Distribution pole replacement e) Grid sectionalization circuit segment level to plan and prioritize how future work is sequenced in 2024. For additional information, refer to Section 7.1.3, Section 7.1.4, and individual		
					f) Detailed inspections of distribution assets g) Detailed inspections of transmission assets h) Aerial inspections of distribution assets		
Call	A discount	2 C-14 due Liberto 2022MAAD 02		C-14 du 02 2 C	i) Aerial inspections of transmission assets j) LiDAR inspections of distribution assets CalAdvocates-Liberty-2023WMP-03_Liberty	Diel Cassian	//
Calk	Advocates	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 that influenced where it performed work in 2023 was planned	Risk Scoring N/	/A
					b) Covered conductor installation using separate risk analysis, compliance requirements, and/or subject matter expertise. c) Undergrounding liberty is evaluating the results of differing wildfire risk assessments at the circuit and/or d) Distribution pole replacement circuit segment level to plan and prioritize where it performs future work in 2024. For		
					e) Grid sectionalization f) Detailed inspections of distribution assetsg) Detailed inspections of transmission assets h) Aerial inspections of distribution assets		
					i) Aerial inspections of transmission assets j) LiDAR inspections of distribution assets CalAdvocates-Liberty-2023WMP-03_Liberty		
CalA	Advocates	3 CalAdvocates-Liberty-2023WMP-03	7	CalAdv-03-3.7	k) LiDAR inspections of transmission assets. For each WMP initiative listed below, please state which and how the modeled Wildfire Risk Scores for each circuit or circuit-segment influence how work in 2023 will be sequenced. a) VM Aaron Louie 2/24/2023 3/29/2023 Response_03292023.pdf (libertyutilities.com) 5/24/2023 5/29/2023 6/29	Risk Scoring N/	/A
					b) Covered conductor installation using separate risk analysis, compliance requirements, and/or subject matter expertise. c) Undergrounding d) Distribution pole replacement circuit segment level to plan and prioritize how future work is sequenced in 2024. For		
					e) Grid sectionalization f) Detailed inspections of distribution assets additional information, refer to Section 7.1.4, and individual initiative subsections in Section 8 of Liberty's 2023 WMP pre-submission.		
					g) Detailed inspections of transmission assets h) Aerial inspections of distribution assets i) Aerial inspections of transmission assets		
Cal	Advocates	3 CalAdvocates-Liberty-2023WMP-03	8	CalAdv-03-3.8	j) LiDAR inspections of distribution assets k) LiDAR inspections of transmission assets. Aaron Louie 2/24/2023 Aaron Louie 3/24/2023 3/24/2023 3/29/2023 Aaron Louie	Risk Scoring N/A	/A
					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 circuit segment level to plan and prioritize where it performs future work in 2024. For additional information, refer to Section 7.1.3, Section 7.1.3, Section 7.1.4, and individual		
					c) Undergrounding d) Distribution pole replacement initiative subsections in Section 8 of Liberty's 2023 WMP pre-submission.		
					e) Grid sectionalization 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 CalAdvocates-Liberty-2023WMP-03 Liberty		
CalA	Advocates	3 CalAdvocates-Liberty-2023WMP-03	9	CalAdv-03-3.9	k) LiDAR inspections of transmission. Aaron Louie 2/24/2023 3/29/2023 Aaron Louie 2/24/2023 3/29/2023 Aaron Louie 3/24/2023 3/29/2023 Aaron Louie 5/24/2023 3/29/2023 Aaron Louie 5/24/2023 3/29/2023 Aaron Louie 5/24/2023 4/2023 5/24/2023 5/24/2023 4/2023 5/24/2023	Risk Scoring N/	/A
					each circuit or circuit-segment influence how work in 2024 will be sequenced. a) VM b) Covered conductor installation c) Undergrounding circuit segment level to plan and prioritize how future work is sequenced in 2024. For additional information, refer to Section 7.1.3, Section 7.1.4, and individual initiative subsections in Section 8 of Liberty's 2023 WMP pre-submission.		
					d) Distribution pole replacement e) Grid sectionalization f) Detailed inspections of distribution assets		
					g) Detailed inspections of transmission assets h) Aerial inspections of distribution assets		
CalA	Advocates	3 CalAdvocates-Liberty-2023WMP-03	10	CalAdv-03-3.10	For each WMP initiative for which you forecast capital expenditures in 2023 to be at least two Refer to supporting file: "CalAdvocates-Liberty-2023WMP-04_Liberty Response Questions Refer to support file: "CalAdvocates-Liberty-2023WMP-04_Liberty-2023WMP-04_Liberty-2023WMP-04_Liberty-2023WMP-04_Liberty-2023WMP-04_Liberty-2023WMP-04_Liberty-2023WMP-04_Liberty-2023WMP-04_Liberty-2023WMP-04_Liberty-2023WMP-04_Liberty-2023WMP-04_Liberty-2023WMP-04_Liberty-2023WMP-04_Libe	Risk Scoring N/	/A
					times actual capital expenditures in 2022, please provide: a) The name of the initiative as it is identified in your 2023-2025 WMP b) The WMP Initiative number in Table 11 of your 2023-2025 WMP 1 4," Tab Response 1.		
Cald	Advocates	4 CalAdvocates-Liberty-2023WMP-04	1	CalAdv-04-4.1	c) The name of the initiative as it is identified in your 2022 WMP Update d) The WMP Initiative number in Table 12 of your 2022 WMP Update e) An explanation for the projected increase. Aaron Louie CalAdvocates-Liberty-2023WMP-04_Liberty CalAdvocates-Liberty-2023WMP-04_Liberty Seponse 03312023.pdf (libertyutilities.com) WMP Financials	N/A N/	/۵
Cuir	Advocates	+ Curtavocates Elserty 2025WWW 04	-	Culture of 4.1	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 1-4," Tab Response 2.		
					identified in your 2023-2025 WMP b) The WMP Initiative number in Table 11 of your 2023-2025 WMP c) The name of the initiative as it is identified in your 2022 WMP Update		
CalA	Advocates	4 CalAdvocates-Liberty-2023WMP-04	2	CalAdv-04-4.2	d) The WMP Initiative number in Table 12 of your 2022 WMP Update e) An explanation for the projected increase. Aaron Louie For each WMP initiative for which you forecast operating expenditures in 2023 to be at least Refer to supporting file: "CalAdvocates-Liberty-2023WMP-04_Liberty Response Questions Refer to support Response Questions Refe	N/A N/A	/A
					two times actual operating expenditures in 2022, please provide: a) The name of the initiative as 1-4," Tab Response 3. it is identified in your 2023-2025 WMP b) The WMP Initiative number in Table 11 of your 2023-2025 WMP		
					c) The name of the initiative as it is identified in your 2022 WMP Update d) The WMP Initiative number in Table 12 of your 2022 WMP Update CalAdvocates-Liberty-2023WMP-04_Liberty		<i>(</i> ,
Calk	Advocates	4 CalAdvocates-Liberty-2023WMP-04	3	CalAdv-04-4.3	e) An explanation for the projected increase. 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 the first of the projected increase. Aaron Louie 2/24/2023 3/31/2023 Response_03312023.pdf (libertyutilities.com) Refer to supporting file: "CalAdvocates-Liberty-2023WMP-04_Liberty Response Questions two times actual operating expenditures in 2022, please provide: a) The name of the initiative as 1-4," Tab Response 4.	N/A N/.	/A
					it is identified in your 2023-2025 WMP b) The WMP Initiative number in Table 11 of your 2023-2025 WMP c) The name of the initiative as it is identified in your 2022 WMP Update		
CalA	Advocates	4 CalAdvocates-Liberty-2023WMP-04	4	CalAdv-04-4.4	d) The WMP Initiative number in Table 12 of your 2022 WMP Update e) An explanation for the projected increase. Aaron Louie 2/24/2023 As of January 1, 2022, have you identified transportation corridors within your service a) No. b) N/A c) N/A	N/A N/A	/A
					territory where falling or failing 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		
CalA	Advocates	5 CalAdvocates-Liberty-2023WMP-05	1	CalAdv-05-5.1	transportation corridors. c) If available, please provide a geospatial data file that contains all current identified transportation corridors with ingress and egress hazards. Provide an Excel table of all distribution circuit-segments that traverse HFTD areas (i.e., the Provide an Excel table of all distribution circuit-segments that traverse HFTD areas (i.e., the Refer to supporting file: "CalAdvocates-Liberty-2023WMP-05_Liberty Response Question CalAdvocates-Liberty-2023WMP-05_Liberty Response Question CalAdvocates-Liberty-2023WMP-05_Lib	N/A N/A	/A
					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 (r), 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		
					b) Circuit name for the circuit that each segment is part of c) Circuit ID for the circuit that each segment is part of		
					d) Nominal voltage e) Total circuit-miles on the circuit-segment f) Overhead circuit-miles on the circuit-segment in non-HFTD Areas		
					g) Overhead circuit-miles on the circuit-segment in HFTD Tier 2 h) Overhead circuit-miles on the circuit-segment in HFTD Tier 3 i) Underground circuit-miles on the circuit-segment in non-HFTD Areas		
					j) Underground circuit-miles on the circuit-segment in HFTD Tier 2 k) Underground circuit-miles on the circuit-segment in HFTD Tier 3 l) Probability of ignition score for the circuit-segment, according to the risk model you used for		
					your 2022 WMP filing m) Consequence of ignition score for the circuit-segment, according to the risk model you used for your 2022 WMP filing		
					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		
					o) Power Safety Power Shutoff (PSPS) risk score for the circuit-segment, according to the risk model you used for your 2022 WMP filing p) Probability of ignition score for the circuit-segment, according to the risk model you are using		
CalA	Advocates	5 CalAdvocates-Liberty-2023WMP-05	2	CalAdv-05-5.2	for your 2023-2025 WMP filing q) Consequence of ignition score for the circuit-segment, according to the risk model you are Provide a geodatabase file containing the outputs from your current wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the outputs from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the outputs from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the outputs from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the outputs from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the outputs from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the outputs from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the outputs from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the outputs from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the outputs from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the outputs from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the outputs from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the outputs from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the outputs from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the outputs from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the outputs from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the output from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the output from its wildfire risk model (i.e., the Liberty does not have a geodatabase file containing the o	N/A N/A	/A
					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)		
CalA	Advocates	5 CalAdvocates-Liberty-2023WMP-05	3	CalAdv-05-5.3	through (c) of the previous question b) Items (p) through (s) of the previous question. Aaron Louie Description of the previous question of the previous question of the previous question. Aaron Louie Description of the previous question of the previous question of the previous question. Aaron Louie Description of the previous question of	N/A N/A	/A
CalA	Advocates	5 CalAdvocates-Liberty-2023WMP-05	4	CalAdv-05-5.4	requesting information regarding your asset inspections in 2022. 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 b) As part of its QA/QC process for 2022, Liberty assigned a third-party contractor to re-	Grid Design, operations, and maintenance (8.1) 8.1	1.6
					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 inspect 0.5% of its 2022 detailed inspections. Of these, 24 were completed and three locations were inaccessible at the time of re-inspection due to		
					implement its QA/QC processes for asset inspections in the second half of 2022 as referenced in the quote above? b) Please summarize the results of Liberty's asset inspection QA/QC reviews in 2022. snow, equating to 0.44% re-inspected. Refer to supporting file: "CalAdvocates-Liberty-" 2023WMP-05_Liberty Response Question 5 and 6." c) No. The QA/QC reviews showed that there are some inconsistencies among inspectors, 1		
					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? but the significant issues were captured by both inspections. d) None. e) Minor inconsistencies among inspections are to be expected. Since major issues were		
C-11	Advocates	5 CalAdvocates-Liberty-2023WMP-05		CalAdv-05-5.5	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. e) If the answer to part (c) is no, please explain why not. captured with both inspections, no action is being taken at this time CalAdvocates-Liberty-2023WMP-05 Liberty Aaron Louie 2/24/2023 3/30/2023 4/10/2023 Response 04102023.pdf (libertyutilities.com)	Grid Design, operations, and maintenance (8.1) 8.1	1.6
Calk		2		July 144-03-3.3	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 inspection QA/QC activities. Refer to supporting file: "CalAdvocates-Liberty-2023WMP-" a) Liberty completed one Program Manager Review Acknowledgement form for 2022 asset inspection QA/QC activities. Refer to supporting file: "CalAdvocates-Liberty-2023WMP-" a) Liberty completed one Program Manager Review Acknowledgement form for 2022 asset inspection QA/QC activities. Refer to supporting file: "CalAdvocates-Liberty-2023WMP-" a) Liberty completed one Program Manager Review Acknowledgement form for 2022 asset inspection QA/QC activities. Refer to supporting file: "CalAdvocates-Liberty-2023WMP-" a) Liberty completed one Program Manager Review Acknowledgement form for 2022 asset inspection QA/QC activities. Refer to supporting file: "CalAdvocates-Liberty-2023WMP-" a) Liberty completed one Program Manager Review Acknowledgement form for 2022 asset inspection QA/QC activities. Refer to supporting file: "CalAdvocates-Liberty-2023WMP-" a) Liberty completed one Program Manager Review Acknowledgement form for 2022 asset inspection QA/QC activities. Refer to supporting file: "CalAdvocates-Liberty-2023WMP-" a) Liberty completed one Program Manager Review Acknowledgement form for 2022 asset inspection QA/QC activities. Refer to supporting file: "CalAdvocates-Liberty-2023WMP-" a) Liberty completed one Program Manager Review Acknowledgement form for 2022 asset inspection QA/QC activities. Refer to support QA/QC activities.	2.2.2, operations, and maintenance (8.1) 8.1	
					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 b) Liberty completed one Senior Manager Annual Review Acknowledgement form for 2022 refer to the QA/QC processes for asset inspections that Liberty implemented in Quarter 3 and asset inspection QA/QC activities. Refer to supporting file: "CalAdvocates-Liberty-"		
					Quarter 4 of 2022: a) Please provide a sample of 5 completed "Appendix A – Program Manager Quarterly Review Acknowledgment" forms. b) Please provide a sample of 5 completed "Appendix B – Senior Manager Annual Review 5 and 6." This file captures the information from the third party QA/QC inspections		
	Advocatos	5 CalAdvacatos Liberty 2020M1 40 27		C3144: 05 5 5	Acknowledgment" forms. c) Please provide a sample of 5 completed "Appendix C – Third Party Inspection" forms that CalAdvocates-Liberty-2023WMP-05_Liberty Completed in 2022. CalAdvocates-Liberty-2023WMP-05_Liberty	Grid Design approximate and are in the control of t	16
[Cal <i>l</i>	Advocates	5 CalAdvocates-Liberty-2023WMP-05	6	CalAdv-05-5.6	were completed by third party contractors. Aaron Louie 2/24/2023 3/30/2023 4/10/2023 Response 04102023.pdf (libertyutilities.com) 8	Grid Design, operations, and maintenance (8.1) 8.1	1.0

			Please augment Table 13 of the non-spatial data tables in your WMP Quarterly Data Report for Q4 of 2022, which reports asset-related corrective notifications on electric circuits that were 7."						
			open at the end of the quarter. Add the following information in separate columns: a) Name of the associated circuit b) ID number of the associated circuit					1	
			c) Geographic latitude in decimal degrees, truncated to seven decimal places d) Geographic longitude in decimal degrees, truncated to seven decimal places				CalAdvocates-Liberty-2023WMP-05 Liberty		
CalAdvocates	5 CalAdvocates-Liberty-2023WMP-05	7 CalAdv-05-5.7	Regarding Table 13 of the non-spatial data tables in your WMP Quarterly Data Report for Q4 of a) Yes.	Aaron Louie	2/24/2023	3/30/2023 4/10/2023	Response 04102023.pdf (libertyutilities.com)	8 Grid Design, operations, and m	maintenance (8.1) 8.1.6
			2022: a) Do you have an internal system of identifying priority levels for corrective notifications that differs from the priority levels specified in General Order 95, Rule 18? b) If the answer to part (a) is yes, please explain your internal priority system. b) Along with GO 95, Rule 18, Liberty uses its fire risk maps and asset condition codes to assess the prioritization of corrective actions and replacements. c) Yes.						
			c) Do you ever re-inspect corrective notifications before they are resolved? d) If the answer to the part (b) is yes, under what circumstances do you conduct re-inspections? assets that were inspected as part of its full system survey conducted in 2020.	f					
Cal Advocates	5 CalAdvocates-Liberty-2023WMP-05	8 CalAdv-05-5.8		Aaron Louie	2/24/2023	3/30/2023 4/10/2023	CalAdvocates-Liberty-2023WMP-05 Liberty Response 04102023.pdf (libertyutilities.com)	8 Grid Design, operations, and m	maintenance (8.1) 8.1.6
			Please provide a list of any incidents in 2022 where the actions of a VM contractor posed a safety risk to workers and/or the public. "Safety risk" here is defined as any occurrence on a worksite where the contractor's behavior created a safety hazard for either workers or the						
			general public. For each instance, please provide: a) The date you were informed of the safety issue				CalAdvocates-Liberty-2023WMP-06 Liberty		
CalAdvocates	6 CalAdvocates-Liberty-2023WMP-06	1 CalAdv-06-6.1	Provide your workplan that describes where and when you will perform system hardening on Refer to tab "2023" in supporting file: "CalAdvocates-Liberty-2023WMP-06_Liberty	Aaron Louie	2/24/2023	4/19/2023 4/26/2023	Response 04262023.pdf (libertyutilities.com)	8 Vegetation Management and II	Inspections (8.2) 8.2.7
			distribution circuits in 2023. For projects that you expect to partially complete in 2023 (i.e., projects that started before 2023 and are expected to continue in 2023, or projects that are expected to be completed after 2023), please include the project and report the work what you					1	
CalAdvocates	6 CalAdvocates-Liberty-2023WMP-06	2 CalAdv-06-6.2	forecast will actually be performed in calendar year 2023. For each project, include the following information in separate columns, at a minimum; a) Order number	Aaron Louie	2/24/2023	4/19/2023 4/26/2023	CalAdvocates-Liberty-2023WMP-06_Liberty Response 04262023.pdf (libertyutilities.com)	8 Grid Design, operations, and m	maintenance (8.1) 8.1.2
			Provide your workplan that describes where and when you will perform system hardening on distribution circuits in 2024. For projects that you expect to partially complete in 2024 (i.e., projects that are expected to start before 2024 and are expected to continue in 2024, or projects						
			that are expected to be completed after 2024), please include the project and report the work that you forecast will actually be performed in calendar year 2024. For each project, include the		2 (2) (2 2 2 2		CalAdvocates-Liberty-2023WMP-06 Liberty		
CalAdvocates	6 CalAdvocates-Liberty-2023WMP-06	3 CalAdv-06-6.3	following information in separate columns, at a minimum: a) Order number For each of your 2023-2025 WMP system hardening initiatives, please provide disaggregated information related to expenditures and circuit miles treated in the attached table, Cal 4"	Aaron Louie	2/24/2023	4/19/2023 4/26/2023	Response 04262023.pdf (libertyutilities.com)	8 Grid Design, operations, and m	naintenance (8.1) 8.1.2
			Advocates-Liberty-2023WMP-06_Attachment Tab 1. Add extra columns as needed. Note: for the purposes of this question, "line removal" refers to conductors that are permanently removed					1	
CalAdvocates	6 CalAdvocates-Liberty-2023WMP-06	4 CalAdv-06-6.4	without replacement – for instance, as part of a remote grid project. This should be understood as identical to part (k) of questions 2 and 3 above. Regarding your PSPS circuit modeling capabilities: a) Please describe your present circuit a) Liberty's 2023 WMP section 6.2 includes the baseline PSPS risk analyses and assessment assessment.	Aaron Louie	2/24/2023	4/19/2023 4/26/2023	CalAdvocates-Liberty-2023WMP-06_Liberty Response 04262023.pdf (libertyutilities.com)	8 Grid Design, operations, and m	maintenance (8.1) 8.1.2
			modeling capabilities with regard to PSPS decision-making ("PSPS circuit modeling capabilities"), including with what level of granularity they						
CalAdvocates	6 CalAdvocates-Liberty-2023WMP-06	5 CalAdv-06-6.5	are able to determine how circuit hardening efforts or other changes to a line segment will affect PSPS thresholds. b) Please describe any improvements to the present PSPS circuit modeling capabilities that you controls in place would also need to be factored in and calculated separately to support		2/24/2023	4/19/2023 4/26/202	CalAdvocates-Liberty-2023WMP-06_Liberty_ Response 04262023.pdf (libertyutilities.com)	6 Risk Analysis Framework (6.2)	Ν/Δ
Cantavocates	o curriavocates Elserty 2025VVVIII os	5	b) Please describe any improvements to the present PSPS circuit modeling capabilities that you Identify any ignitions in 2022 associated with assets where you had an existing corrective notification at the time of the ignition. Please provide a spreadsheet listing each such ignition corrective notification at the time of the ignition.		2,24,2025	4) 13) 2023 4) 20 202	Nesponse 64202023.pur (IIDEITYULIIITIES.COIII)	Thisk / Marysis Trainiework (6.2)	
			(as rows) with the following information in separate columns: a) Unique ignition ID b) Date of ignition				CalAdvocates-Liberty-2023WMP-06 Liberty		
CalAdvocates	6 CalAdvocates-Liberty-2023WMP-06	6 CalAdv-06-6.6	c) Cause of ignition d) Type of asset associated with the ignition Page 55 of Liberty's WMP states, "Liberty has not conducted a wildfire risk assessment using the a) In its 2023 WMP, Liberty provides a map in Figure 5-11 showing its service territory	Aaron Louie	2/24/2023	4/19/2023 4/26/2023	Response 04262023.pdf (libertyutilities.com)	8 Grid Design, operations, and m	maintenance (8.1) 8.1.2
			85th percentile consequence calculation." a) Why hasn't Liberty conducted a wildfire risk assessment using the 85th percentile consequence calculation? b) What at the available assessment with the Social Vulnerability Index (SVI) and its current Reax wildfire risk polygons. Liberty provides an additional map in Appendix C of its 2023 WMP showing the social vulnerability Index (SVI) and its current Reax wildfire risk polygons. Liberty provides an additional map in Appendix C of its 2023 WMP showing the social vulnerability Index (SVI) and its current Reax wildfire risk polygons. Liberty provides an additional map in Appendix C of its 2023 WMP showing the social vulnerability Index (SVI) and its current Reax wildfire risk polygons. Liberty provides an additional map in Appendix C of its 2023 WMP showing the social vulnerability Index (SVI) and its current Reax wildfire risk polygons.						
CalAdvocates	7 CalAdvocates-Liberty-2023WMP-07	1 CalAdv-07-7.1	b) What other wildfire risk assessments has Liberty conducted instead? SVI distribution, Liberty's updated utility risk analysis in its 2023 WMP, and major roads Due to increased risk modeling requirements in the Office of Energy Infrastructure Safet (OEIS) 2023-2025 WMP Technical Guidelines. Liberty did not have enough time to analyze	y	5/18/2023	5/23/2023 5/23/2023	<u>CalAdvocates-Liberty-2023WMP-07_Liberty_</u> <u>Response_05232023.pdf (libertyutilities.com)</u>	5 Community Values at Risk (5.4)	.4) 5.4.3.2
			Page 57 of Liberty's WMP states: Survey reports produced by CAL FIRE identified 10 sub-divisions in South Lake Tahoe with no b) N/A						
			secondary egress, and one with limited egress. These sub-divisions consist mostly of single-family homes on flat land, surrounded by grass, trees, brush, and timber. In Placer County, CAL FIRE identified 21 subdivisions with no secondary egress, and three with limited egress. These making processes and risk analysis that did not consider egress. For an example of				CalAdvocates-Liberty-2023WMP-07 Liberty		
CalAdvocates	7 CalAdvocates-Liberty-2023WMP-07	2 CalAdv-07-7.2	areas include a mix of single-family homes, townhomes, and duplexes surrounded by similar Page 60 of Liberty's WMP states, "Absentee landlords make notification requirements and a) Liberty uses a variety of methods for notifying customers of O&M activities:	Talal Harahsheh	5/18/2023	5/23/2023 5/23/2023	Response 05232023.pdf (libertyutilities.com)	5 Community Values at Risk (5.4)	.4) 5.4.3.3
			coordination for O&M activities difficult, sometimes resulting in delayed activities or their cancellation entirely." a) Please describe what methods or strategies Liberty has adopted to ameliorate the problem noted above. • Door hangers • Sign boards • Mailed letters or postcards						
CalAdvocates	7 CalAdvocates-Liberty-2023WMP-07	3 CalAdv-07-7.3	b) Please describe Liberty's method of maintaining accurate and up-to-date contact information for homeowners and renters in its service territory. • Social media posts • Email	Talal Harahsheh	5/18/2023	5/23/2023 5/23/202	CalAdvocates-Liberty-2023WMP-07 Liberty Response 05232023.pdf (libertyutilities.com)	5 Community Values at Risk (5.4)	.4) 5.4.5
			Page 60 of Liberty's WMP states, "Liberty is currently working with the [Tahoe Regional Planning Agency] to update an existing memorandum of understanding ("MOU") for O&M activities to allow minor repairs, replacements and vegetation maintenance to be completed without agency being reviewed by TRPA legal counsel and will then be sent back to Liberty for additional contents.						
			review and approval." a) To date, has Liberty executed an updated memorandum of understanding with Tahoe Regional Planning Agency? b) If the answer the part (a) above is				<u>CalAdvocates-Liberty-2023WMP-07_Liberty</u>		
CalAdvocates	7 CalAdvocates-Liberty-2023WMP-07	4 CalAdv-07-7.4	Page 64 of Liberty's WMP states: a) Refer to Liberty's 2023 WMP for the analysis that Liberty completed in advance of its	Talal Harahsheh	5/18/2023	5/23/2023 5/23/2023	Response 05232023.pdf (libertyutilities.com)	5 Community Values at Risk (5.4)	1) 5.4.5
			Although the current approach provides significant advancements over earlier efforts, it was neither reasonable nor feasible to conduct all the calculations and analyses provided in the 2023-2025 Wildfire Mitigation Plan Technical Guidelines ("Technical Guidelines") prior to b) OEIS released its final 2023-2025 WMP Technical Guidelines on December 6, 2022. In						
CalAdvocates	7 CalAdvocates-Liberty-2023WMP-07	5 CalAdv-07-7.5	Liberty's 2023 WMP submission. Liberty, however, is committed to continuing to evolve and improve its risk modeling practices and intends to conduct the analyses and calculations risk analytics utilizing its Wildfire Risk Reduction Model ("WRRM"). Liberty received its	Talal Harahsheh	5/18/2023	5/23/2023 5/23/202	CalAdvocates-Liberty-2023WMP-07_Liberty Response 05232023.pdf (libertyutilities.com)	6 Risk Methodology and Assessm	sment 6
caravocates	7 Culnuvocates Elserty 2025WWW 07	S CUITAUV 07 7.5	Page 70 of Liberty's WMP states that social vulnerability, physical vulnerability, and coping capabilities are not factors currently included in the wildfire risk analysis though Liberty intends	al	3/ 10/ 2023	3/23/2023 3/23/2023	nesponse oszszozs.par (msercyatinties.com)	O Misk Wethodology and Assessin	TICHT 0
			to incorporate these factors in its future risk modeling process. a) When Liberty eventually incorporates the factor "physical vulnerability" within future wildfire risk analyses, what assign weights to different customer categories (i.e., AFN/MBL, Commercial, Residential,				CalAdvocates-Liberty-2023WMP-07 Liberty_		
CalAdvocates	7 CalAdvocates-Liberty-2023WMP-07	6 CalAdv-07-7.6	attributes/characteristics would Liberty utilize to define "physical vulnerability"? b) What data does Liberty currently maintain or collect to measure physical vulnerability? Please provide an Excel sheet listing of each sustained outage that was caused by equipment Critical Facilities) based on physical vulnerability. b) Liberty maintains a list of MBL customers and self-identified AFN customers. Refer to supporting file: "CalAdvocates-Liberty-2023WMP-08_Liberty Response Question	Talal Harahsheh	5/18/2023	5/23/2023 5/23/2023	Response 05232023.pdf (libertyutilities.com)	6 Risk Methodology and Assessm	ment 6.2
			failure for the period from 2020 to 2022 in any HFTD area. A sustained outage is an outage that lasts for five or more minutes. The Excel sheet should list each outage as a row, with the					1	
CalAdvocates	8 CalAdvocates-Liberty-2023WMP-08	1 CalAdv-08-8.1	C. Date of the outage.	Talal Harahsheh	5/18/2023	5/23/2023 5/25/2023	CalAdvocates-Liberty-2023WMP-08_Liberty Response 05252023.pdf (libertyutilities.com)	8 Grid Design, operations, and m	maintenance (8.1)
			Page 70 of Liberty's WMP states that social vulnerability is not a factor currently included in Liberty's wildfire risk analysis, though Liberty intends to incorporate it in its future risk modeling process. a) With the final 2023 WMP technical guidelines issued approximately three months print to submission of the 2023 WMP, Liberty was not able to incorporate social vulnerability into its 2023 WMP submission due to time constraints.						
			a) Please identify the constraint(s) that hindered the incorporation of social vulnerability prior to Liberty's 2023 WMP submission. This is 2023 WMP submission due to time constraints.						
			b) State when Liberty anticipates being able to include social vulnerability as part of Liberty's risk modeling process.c) In which year of this WMP cycle does Liberty plan on being able to				CalAdvocates-Liberty-2023WMP-09_Liberty		
CalAdvocates	9 CalAdvocates-Liberty-2023WMP-09	1 CalAdv-09-9.1	include social vulnerability in its future risk modeling process? Page 70 of Liberty's WMP states that physical vulnerability is not a factor currently included in Liberty's wildfire risk analysis, though Liberty intends to incorporate it in its future risk modeling there is currently no validated generalized methodology that relates physical	Talal Harahsheh	5/26/2023	6/1/2023 6/1/2023	Response 06012023.pdf (libertyutilities.com)	6 Risk Methodology and Assessm	ment 6.2
			process. a) Please identify the constraint(s) that hindered the incorporation of physical vulnerability prior to Liberty's 2023 WMP submission. Characteristics of structures to their survivability in wildland fires. Put differently, it is Liberty's understanding that fragility curves to quantify a structure's probability of being	5					
CalAdvocates	9 CalAdvocates-Liberty-2023WMP-09	2 CalAdv-09-9.2	b) State when Liberty anticipates being able to include physical vulnerability as part of Liberty's risk modeling process. Page 70 of Liberty's WMP states that coping capability is not a factor currently included in a fire based on its physical characteristics do not exist. b) Liberty intends to incorporate physical vulnerability into its risk modeling when a) With the WMP technical guidelines issued approximately 3 months prior to submission.	Talal Harahsheh	5/26/2023	6/1/2023 6/1/2023	CalAdvocates-Liberty-2023WMP-09 Liberty Response 06012023.pdf (libertyutilities.com)	6 Risk Methodology and Assessm	ment 6.2
			Liberty's wildfire risk analysis, though Liberty intends to incorporate it in its future risk modeling process. Application of the WMP completeness check, Liberty was not able to incorporate coping capacity into submission due to time constraints.						
CalAdvocates	9 CalAdvocates-Liberty-2023WMP-09	3 CalAdv-09-9.3	a) Please identify the constraint(s) that hindered the incorporation of coping capability prior to Liberty's 2023 WMP submission. b) Liberty plans to incorporate coping capacity in 2024 and report on this enhancement its future WMP filings.	in Talal Harahsheh	5/26/2023	6/1/2022 6/1/2022	CalAdvocates-Liberty-2023WMP-09_Liberty_ Response 06012023.pdf (libertyutilities.com)	6 Risk Methodology and Assessm	smont 6.2
CalAdvocates	9 CalAdvocates-Liberty-2025 WWF-09	5 CaiAuv-09-9.5	b) State when Liberty anticipates being able to include coping capability as part of Liberty's risk Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire risk analysis: Equipment/assets, Topography, Weather, Vegetation, Climate change, Assets at Liberty's equipment and assets for use in fire spread modeling.	Talai naranshen	3/20/2023	0/1/2023 0/1/2023	Response obotzozs.pdr (iibertydtiiities.com)	6 Risk Methodology and Assessin	nent 6.2
			risk, and Fire ignition and spread. Please explain how each of these factors impacts Liberty's quantification of risk at the circuit b) Topography: Topography is an input to Liberty's fire spread modeling. c) Weather: Weather an input to Liberty's fire spread modeling.				CalAdvocates-Liberty-2023WMP-09 Liberty_		
CalAdvocates	9 CalAdvocates-Liberty-2023WMP-09	4 CalAdv-09-9.4	Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as part of Liberty's wildfire Page 70 of Liberty's WMP states the following factors are included as page 70 of Liberty's WMP states the following factors are included as page 70 of Liberty's WMP states the factors are included as page 70 of Liberty's WMP states the factors are included as page 70 of Liberty's WMP states the factors are included as page 70 of Liberty's WMP states the factor	Talal Harahsheh	5/26/2023	6/1/2023 6/1/2023	Response 06012023.pdf (libertyutilities.com)	6 Risk Methodology and Assessm	ment 6.2
			risk analysis: - Equipment/assets, - Equipment/assets: Liberty maintains internal GIS data for its equipment and assets.						
CalAdvocates	9 CalAdvocates-Liberty-2023WMP-09	5 CalAdv-09-9.5	Cast S. Fiber 19 data S. Color State Color		5/26/2023	6/1/2023 6/1/2023	CalAdvocates-Liberty-2023WMP-09_Liberty Response_06012023.pdf (libertyutilities.com)	6 Risk Methodology and Assessm	sment 6.2
			Page 71 of Liberty's WMP states that "Finally, Liberty also does not consider burn probability from fires caused by sources other than utilities as in the Technical Guidelines." Liberty's fire risk modeling currently addresses only fires caused by its infrastructure. Impacts from other fires to Liberty's system is a grid resiliency issue that Liberty may						
			Please explain why Liberty does not consider the burn probability from fires caused by sources other than utilities.				CalAdvocates-Liberty-2023WMP-09 Liberty		
CalAdvocates	9 CalAdvocates-Liberty-2023WMP-09	6 CalAdv-09-9.6	Page 81 of Liberty's WMP, states "Overall utility risk is calculated by circuit from wildfire risk and The sentence "Overall utility risk is calculated by circuit from wildfire risk and PSPS risk,	Talal Harahsheh	5/26/2023	6/1/2023 6/1/2023	Response 06012023.pdf (libertyutilities.com)	6 Risk Methodology and Assessm	ment 6.2
			PSPS risk, with an 80% weight to wildfire risk and 20% to PSPS risk." a) Please explain how Liberty arrived at the abovementioned specific weighting of wildfire risk and PSPS risk. with an 80% weight to wildfire risk and 20% to PSPS risk" contains a typographical error. should read "Overall utility risk is calculated by summing wildfire risk and PSPS risk by circuit." The statement about 80/20 weighting was inadvertently left in Liberty's 2023	11					
CalAdvocates	9 CalAdvocates-Liberty-2023WMP-09	7 CalAdv-09-9.7	b) Has Liberty consulted with any agencies, universities, research groups, or other entities on the calculation of the abovementioned weighting of wildfire risk and PSPS risk? Please list those	Talal Harahsheh	5/26/2023	6/1/2023 6/1/2023	CalAdvocates-Liberty-2023WMP-09_Liberty_ Response 06012023.pdf (libertyutilities.com)	6 Risk Methodology and Assessm	sment 6.2
			Page 96 of Liberty's WMP presents Table 6-7: Liberty Top-Risk Circuits, which provides risk scores for Liberty's top 20 risk-contributing circuits. With this context: a) Does Liberty sequence its top risk circuit projects one by one according to the risk ranking or contributing circuits in 2023.	isk-					
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		does Liberty work on multiple top risk circuit projects simultaneously? b) On how many of the top 20 risk-contributing circuits will Liberty complete grid design and d) As stated in Section 7.2.2.3 of its 2023 WMP, Liberty does not yet have sufficient	Talal Harri	F 10.0 / 5.5.5.5	C /4 /2000	CalAdvocates-Liberty-2023WMP-09_Liberty_		smont
CalAdvocates	9 CalAdvocates-Liberty-2023WMP-09	8 CalAdv-09-9.8	system hardening projects for wildfire mitigation during the 2023-2025 WMP cycle? Page 96 of Liberty's WMP presents Table 6-7: Liberty Top-Risk Circuits, which provides risk scores for Liberty's top 20 risk-contributing circuits. Information to calculate the risk reductions for top-risk circuits and plans to develop an Refer to file: CalAdvocates-Liberty-2023WMP-09_Liberty Response Question 9	Talal Harahsheh	5/26/2023	b/1/2023 6/1/2023	Response 06012023.pdf (libertyutilities.com)	6 Risk Methodology and Assessm	пент 6.4
			Please provide an Excel table that augments Table 6-7 with information about planned wildfire mitigation measures on each circuit during the 2023-2025 WMP cycle. Specifically, the table				Colladvocates Liberty 2000 vives of the	1	
	9 CalAdvocates-Liberty-2023WMP-09	9 CalAdv-09-9.9	should add these new columns to Table 6-7: a) Brief description of grid design and system hardening work planned for wildfire mitigation Pages 104-105 of Liberty's WMP states: a) Refer to file: CalAdvocates-Liberty-2023WMP-09_Liberty Response Question 10a for the contraction of the contraction o	Talal Harahsheh	5/26/2023	6/1/2023 6/1/2023	CalAdvocates-Liberty-2023WMP-09 Liberty Response_06012023.pdf (libertyutilities.com)	6 Risk Methodology and Assessm	ment 6.4
CalAdvocates	5 Curria vocates Elserty 2025 WWW 05		In late January 2023, Liberty signed a formal agreement with Direxyon to pilot its asset risk decision-making solution to be incorporated, in part, in this WMP. If the pilot is successful for						
CalAdvocates	S currier Elserty 2025WWW 05			, i					'
		10 CalAdy 00 0 4	the pole asset type and produces effective decision-making tools Liberty will continue building out the risk-informed decision-making tools for multiple assets to better plan future pole type, date of last inspection, GO 165 condition findings, vegetation LiDAR clearance		5/26/2022	6/1/2023 6/1/2023	CalAdvocates-Liberty-2023WMP-09 Liberty Response 06012023.pdf (libertyutilities.com)	6 Dick Mathodology and Accord	ment
CalAdvocates	9 CalAdvocates-Liberty-2023WMP-09	10 CalAdv-09-9.1	the pole asset type and produces effective decision-making tools Liberty will continue building out the risk-informed decision-making tools for multiple assets to better plan future investments and repairs and maintenance plans given budget and resource constraints. a) Page 107 of Liberty's WMP states "Liberty's strategy development for this WMP did not utilize wildfire risk scores developed by Reax." in service risk for pole assets. The information included, but was not limited to, pole age pole type, date of last inspection, GO 165 condition findings, vegetation LiDAR clearance findings, and financial costs of inspection and repair/replacement. Data was also provided a) Yes. b) Liberty plans on utilizing the wildfire risk scores developed by Reax in 2024.	ed Talal Harahsheh	5/26/2023	6/1/2023 6/1/2023	CalAdvocates-Liberty-2023WMP-09 Liberty Response 06012023.pdf (libertyutilities.com)	6 Risk Methodology and Assessm	<u>sment</u> 6.7
		10 CalAdv-09-9.1	the pole asset type and produces effective decision-making tools Liberty will continue building out the risk-informed decision-making tools for multiple assets to better plan future investments and repairs and maintenance plans given budget and resource constraints. a) Page 107 of Liberty's WMP states "Liberty's strategy development for this WMP did not utilize wildfire risk scores developed by Reax." a) Does Liberty plan on utilizing the wildfire risk scores developed by Reax to help plan future decisions regarding wildfire mitigation? in service risk for pole assets. The information included, but was not limited to, pole age pole type, date of last inspection, GO 165 condition findings, vegetation LiDAR clearance findings, and financial costs of inspection and repair/replacement. Data was also provide a) Yes. b) Liberty plans on utilizing the wildfire risk scores developed by Reax in 2024. c) As stated in Section 7.1.4.2 of its 2023 WMP, Liberty plans to have a cohesive mitigation portfolio plan approach in its next WMP that incorporates data analytics and risk-	ed Talal Harahsheh	5/26/2023	6/1/2023 6/1/2023	Response 06012023.pdf (libertyutilities.com)	6 Risk Methodology and Assessi	sment 6.7
		10 CalAdv-09-9.1	the pole asset type and produces effective decision-making tools Liberty will continue building out the risk-informed decision-making tools for multiple assets to better plan future investments and renairs and maintenance plans given budget and resource constraints. a) Page 107 of Liberty's WMP states "Liberty's strategy development for this WMP did not utilize wildfire risk scores developed by Reax." a) Does Liberty plan on utilizing the wildfire risk scores developed by Reax to help plan future decisions regarding wildfire mitigation? b) If the answer to part (a) above is yes, when does Liberty plan on utilizing the wildfire risk scores developed by Reax? the pole assets. The information included, but was not limited to, pole age pole type, date of last inspection, GO 165 condition findings, vegetation LiDAR clearance findings, and financial costs of inspection and renair/replacement. Data was also provided a) Yes. b) Liberty plans on utilizing the wildfire risk scores developed by Reax in 2024. c) As stated in Section 7.1.4.2 of its 2023 WMP, Liberty plans to have a cohesive mitigation portfolio plan approach in its next WMP that incorporates data analytics and risk-informed decision-making assessment and monitoring to improve its overall risk reduction performance over time. On page 173 of its WMP, Liberty states that its 2022 target for Patrol Inspections of Distribution a) Liberty plans on utilizing the wildfire risk scores developed by Reax in 2024. c) As stated in Section 7.1.4.2 of its 2023 WMP, Liberty plans to have a cohesive mitigation portfolio plan approach in its next WMP that incorporates data analytics and risk-informed decision-making assessment and monitoring to improve its overall risk reduction performance over time. a) Liberty erroneously reported its target as the total overhead miles for its service	Talal Harahsheh Talal Harahsheh	5/26/2023			6 Risk Methodology and Assessm 7 Wildfire Mitigation Strategy De	
CalAdvocates	9 CalAdvocates-Liberty-2023WMP-09		the pole asset type and produces effective decision-making tools Liberty will continue building out the risk-informed decision-making tools for multiple assets to better plan future investments and repairs and maintenance plans given hudget and resource constraints. a) Page 107 of Liberty's WMP states "Liberty's strategy development for this WMP did not utilize wildfire risk scores developed by Reax." a) Does Liberty plan on utilizing the wildfire risk scores developed by Reax to help plan future decisions regarding wildfire mitigation? b) If the answer to part (a) above is yes, when does Liberty plan on utilizing the wildfire risk scores developed by Reax? On page 173 of its WMP, Liberty states that its 2022 target for Patrol Inspections of Distribution Electric Lines and Equipment was erroneously established at 706.3 miles, causing Liberty to miss its 2022 inspection target by 203 miles. Please respond to the following: in service risk for pole assets. The information included, but was not limited to, pole ago pole type, date of last inspection, GO 165 condition findings, vegetation LiDAR clearance findings. and financial costs of inspection and repair/replacement. Data was also provided a) Yes. b) Liberty plans on utilizing the wildfire risk scores developed by Reax in 2024. c) As stated in Section 7.1.4.2 of its 2023 WMP, Liberty plans to have a cohesive mitigation portfolio plan approach in its next WMP that incorporates data analytics and risk-informed decision-making assessment and monitoring to improve its overall risk reduction performance over time. a) Liberty erroneously reported its target as the total overhead miles for its service territory. Liberty does not perform patrol inspections in areas where detailed inspection are being conducted and thus the target should have been a function of total overhead	Talal Harahsheh Talal Harahsheh Talal Harahsheh			Response 06012023.pdf (libertyutilities.com) CalAdvocates-Liberty-2023WMP-09 Liberty		
CalAdvocates	9 CalAdvocates-Liberty-2023WMP-09	11 CalAdv-09-9.1	the pole asset type and produces effective decision-making tools Liberty will continue building out the risk-informed decision-making tools for multiple assets to better plan future investments and renairs and maintenance plans given budget and resource constraints. a) Page 107 of Liberty's WMP states "Liberty's strategy development for this WMP did not utilize wildfire risk scores developed by Reax." a) Does Liberty plan on utilizing the wildfire risk scores developed by Reax to help plan future decisions regarding wildfire mitigation? b) If the answer to part (a) above is yes, when does Liberty plan on utilizing the wildfire risk scores developed by Reax? On page 173 of its WMP, Liberty states that its 2022 target for Patrol Inspections of Distribution Electric Lines and Equipment was erroneously established at 706.3 miles, causing Liberty to miss its 2022 inspection target by 203 miles. Please respond to the following: a) Explain how Liberty mistakenly set a target of 706.3 miles, (the amount Liberty was able to better plan future investments and renairs and maintenance plans given budget and resource constraints. a) findings, and financial costs of inspection and renair/replacement. Data was also provid a) Yes. b) Liberty plans on utilizing the wildfire risk scores developed by Reax in 2024. c) As stated in Section 7.1.4.2 of its 2023 WMP, Liberty plans to have a cohesive mitigation portfolio plan approach in its next WMP that incorporates data analytics and risk-informed decision-making assessment and monitoring to improve its overall risk reduction performance over time. a) Liberty erroneously reported its target as the total overhead miles for its service territory. Liberty does not perform patrol inspections in areas where detailed inspection miles. b) Liberty 2022 target of 50.3 miles for Patrol Inspections of Distribution Flectric Lines will be possible to a target of 50.3 miles for Patrol Inspections of Distribution Flectric Lines b) Liberty's 2022 target of 50.3 miles for Patrol Inspecti	Talal Harahsheh Talal Harahsheh Talal Harahsheh	5/26/2023	6/1/2023 6/1/2023	Response 06012023.pdf (libertyutilities.com) CalAdvocates-Liberty-2023WMP-09 Liberty Response 06012023.pdf (libertyutilities.com) CalAdvocates-Liberty-2023WMP-10 Liberty	7 Wildfire Mitigation Strategy De	Development

				On page 174 of its WMP, Liberty states that it completed Quality Assurance and Quality Control (QA/QC) on 0.0044% of its detailed asset inspections in 2022, while Liberty's target was to b) Yes	4 es.							
					/A 5 transmission (60 kV) and 9 distribution.			CalAdvocates-Liberty-2023WMP-10 Liberty	1			
CalAdvocates	10 CalAdvocates-Liberty-2023WMP-10	2	CalAdv-10-10.2	, · · · · · · · · · · · · · · · · · · ·	efer to file: CalAdvocates-Liberty-2023WMP-10_Liberty Response Question 2. berty targeted 0.5% of detailed inspections as its OA/OC target as a starting point for he discrepancy is a typo. Liberty's OA/OC target for detailed asset inspections is 0.5%.	hsheh 5/26/2023	6/1/2023			8	irid Design, operations, and maintenance (8.1)	8.1.3
					I/A							
				infractions during the re-inspections if differences were noted at all. a) Please explain the apparent discrepancy between the targets stated on pages 174 and 182 for		5/25/222	5/4/2020	CalAdvocates-Liberty-2023WMP-10 Liberty				
CalAdvocates	10 CalAdvocates-Liberty-2023WMP-10	3	CalAdv-10-10.3	OA/OC of detailed asset inspections (0.005% on page 174 and 0.5% on page 182). On page 182 of its WMP, Liberty states that it implemented its asset inspection QA/QC in 2022 a) 24	Talal Haral 4 ix re-inspections noted minor differences.	hsheh 5/26/2023	6/1/2023	6/2/2023 Response 06022023.pdf (libertyutilities.com)		8	orid Design, operations, and maintenance (8.1)	8.1.6
				Minimal differences were noted by the third-party inspectors, who found only very minor	xamples include noting Level 3 differences such as foreign sign, loose secondary down, and auto splice 1" away from insulator.							
CalAdvocates	10 CalAdvocates-Liberty-2023WMP-10	4	CalAdv-10-10.4	Please respond to the following: a) How many third-party OA/OC checks were completed on detailed asset inspections in 2022?	Talal Haral	hsheh 5/26/2023	6/1/2023	CalAdvocates-Liberty-2023WMP-10 Liberty 6/2/2023 Response_06022023.pdf (libertyutilities.com)		8	Grid Design, operations, and maintenance (8.1)	8.1.6
				As of May 1, 2023, Liberty has halted its detailed inspections in 2023 to eliminate its backlog of deta								
				Liberty also states that it "will halt its detailed inspections in order to catch up with its open c) Lil	0.3 circuit miles. berty has not completed detailed inspections yet in 2023.			CalAdvocates-Liberty-2023WMP-10 Liberty				
CalAdvocates	10 CalAdvocates-Liberty-2023WMP-10	5	CalAdv-10-10.5	Please respond to the following:	iberty is currently planning to resume its detailed inspections on January 1st, 2024. Talal Haral iberty is halting its detailed overhead inspections in 2023 in order to avoid further	hsheh 5/26/2023	6/1/2023			8	orid Design, operations, and maintenance (8.1)	8.1.7
				inspections in 2023 to eliminate its backlog of open work orders. Both contract crews and	rlap of infractions found in its 2020 full system survey and prioritize repairs to actions found during the system survey							
CalAdvocates	10 CalAdvocates-Liberty-2023WMP-10	6	CalAdv-10-10.6	a) Explain Liberty's rationale for halting detailed inspections in 2023 to reduce the number of are in	iberty's full system survey completed in 2020 included all overhead lines that normally inspected over a five-year period. Liberty will remain compliant during 2023 without poleting any overhead detailed inspections. Talal Haral	hsheh 5/26/2023	6/1/2023	CalAdvocates-Liberty-2023WMP-10 Liberty 6/2/2023 Response 06022023.pdf (libertyutilities.com)		9	rid Design enerations and maintenance (9.1)	0.1.7
CalAdvocates	10 CalAdvocates-Liberty-2025WWF-10	6	CalAuv-10-10.6	a) Describe Liberty's current staffing resources allocated to each of the following items under a) Li	noleting any overhead detailed inspections. Talal Haral iberty's current staffing resources include: Inspections: Five internal inspectors and one contract inspector	11SHEH 3/20/2023	6/1/2023	6/2/2025 Response_00022025.pdr (iibertydtiiities.com)		<u> </u>	irid Design, operations, and maintenance (8.1)	0.1.7
				a. Inspections b. M	Maintenance: Four internal crews and three contract crews available pen work orders and other: Same as above plus five internal troublemen					N/A	N/A	N/A
CalAdvocates	10 CalAdvocates-Liberty-2023WMP-10	7	CalAdv-10-10.7	b) Please explain how Liberty's current staffing is sufficient or not sufficient to comply with asse	iberty's current staffing has been sufficient to comply with regulatory requirements for Talal Haral	hsheh 5/26/2023	6/1/2023	6/2/2023 CalAdvocates-Liberty-2023WMP-10_Liberty Response 06022023.pdf (libertyutilities.com)				
				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 b) N decision framework for Liberty."								
				a) Are the "new vendors" that Liberty refers to above IBM and Direxyon? b) If the answer to part (a), above is no, please provide the name of the vendors and a				Liberty Response to DR CalAdvocates-Liberty-				
CalAdvocates	11 CalAdvocates-Liberty-2023WMP-11	1	CalAdv-11-11.1	description of how Liberty is utilizing each vendor to develop its formal risk model decision Pages 109-110 discuss Liberty's risk evaluation process and how Liberty utilizes Figure 7-1: Risk a) Li	·	hsheh 6/1/2023	6/6/2023	6/6/2023 2023WMP-11.pdf (libertyutilities.com)		7	isk Evaluation (7.1)	7.1.1
				a) What is the total number of "discussion points" that Liberty will plot on Figure 7-1 while	evaluation process as Liberty advances its risk model decision framework. xamples of discussion points included in the risk evaluation process are:							
CalAdvocates	11 CalAdvocates-Liberty-2023WMP-11	2	CalAdv-11-11.2	b) Please list all of the "discussion points" that Liberty will plot on Figure 7-1 as part of the risk	entification of all risk events; kelihood of wildfire risk drivers; paacts of significant weather (snow and wind) on asset degradation and health: Talal Haral	hsheh 6/1/2023	6/6/2023	<u>Liberty Response to DR CalAdvocates-Liberty-</u> 6/6/2023 <u>2023WMP-11.pdf (libertyutilities.com)</u>		7	isk Evaluation (7.1)	7.1.1
				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 b) Li	es. iberty is completing traditional overhead hardening on three projects in 2023. Those							
				a) Does Liberty have any system hardening mitigation work planned in 2023 for the Topaz circuit repa	jects are Cunningham Lane, Eastside Lane, Larsen Lane. Liberty is also replacing or airing various poles on this circuit to address needs found during system surveys.			Liberty Response to DR CalAdvocates-Liberty-				
CalAdvocates	11 CalAdvocates-Liberty-2023WMP-11	3	CalAdv-11-11.3	listed above? b) If the answer to part (a) above is yes, please identify the mitigation work selected for the circuit. Pages 116-117 of Liberty's WMP identify the Muller circuit as being in an area of elevated a) Yes	Yes. Talal Haral	hsheh 6/1/2023	6/6/2023	6/6/2023 2023WMP-11.pdf (libertyutilities.com)		7	isk Evaluation (7.1)	7.1.3
				wildfire risk. Liberty also states that it did not assess risk drivers impacting the overall risk score b) Li	iberty is replacing or repairing various poles on this circuit to address needs found ing system surveys. c) N/A							
CalAdvocates	11 CalAdvocates-Liberty-2023WMP-11	4	CalAdv 11 11 4		les. iberty is replacing or repairing various poles on this circuit to address needs found ing system surveys. Liberty is also planning to do some system hardening on this. Talal Haral	hsheh 6/1/2023	6/6/2022	Liberty Response to DR CalAdvocates-Liberty-		7	isk Evaluation (7.1)	712
CalAdvocates	11 CalAdvocates-Liberty-2023WIMP-11	4	CalAdv-11-11.4	Pages 116-117 of Liberty's WMP identify the Meyers circuit as being in an area of elevated a) Ye	ing system surveys. Liberty is also planning to do some system hardening on this es. es. iberty is planning to complete two covered conductor projects on Meyers circuits in	nsnen 6/1/2023	6/6/2023	6/6/2023 2023WMP-11.pdf (libertyutilities.com)		,	isk Evaluation (7.1)	7.1.3
				and used older studies to support this WMP. With this context:	3. Those projects are Celio A (1.6 miles) and Celio B (0.93 miles). Liberty will also applete 0.11 miles of undergrounding on the Cascade Project. Liberty is also replacing or							
CalAdvocates	11 CalAdvocates-Liberty-2023WMP-11	5	CalAdv-11-11.5	b) If the answer to part (a) above is ves. please identify the mitigation work selected for the c) N	airing various poles on these circuits to address needs found during system surveys. /A Talal Haral	hsheh 6/1/2023	6/6/2023	6/6/2023 Liberty Response to DR CalAdvocates-Liberty- 2023WMP-11.pdf (libertyutilities.com)		7	isk Evaluation (7.1)	7.1.3
				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 strategy to incorporate assets in the future."	ing the 2023-2025 WMP cycle.							
				When does Liberty anticipate it will have expanded its interim mitigation strategy to incorporate asset management measures, as referenced in the quote?				<u>Liberty Response to DR CalAdvocates-Liberty-</u>				
CalAdvocates	11 CalAdvocates-Liberty-2023WMP-11	6	CalAdv-11-11.6	Page 128 of Liberty's WMP states, "Liberty is actively planning and executing wildfire mitigation a) N	Talal Haral	hsheh 6/1/2023	6/6/2023	6/6/2023 2023WMP-11.pdf (libertyutilities.com)		7	isk Evaluation (7.1)	7.1.4
				, , ,	I/A he abovementioned risk based decision-making process is not complete. Liberty used -based principles and tools (i.e., Reax risk map) to inform decision-making.							
CalAdvocates	11 CalAdvocates-Liberty-2023WMP-11	7	CalAdv-11-11.7	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.	Talal Haral	hsheh 6/1/2023	6/6/2023	<u>Liberty Response to DR CalAdvocates-Liberty-</u> 6/6/2023 <u>2023WMP-11.pdf (libertyutilities.com)</u>		7	isk Evaluation (7.1)	7.1.4
				In conjunction with this study, Liberty also plans to assess the asset risk reduction and iden	xamples of evaluation criteria Liberty considered are cost, accuracy of risk ntification and model outputs, system compatibility, the feasibility of scenarios and							
				platform. IBM's Maximo asset health and predict solution that was customized for Liberty will b) Li	ability to operationalize model outputs given available resources. iberty has decided to not move forward with IBM's proposed solution at this time.			Liberty Response to DR CalAdvocates-Liberty-				
CalAdvocates	11 CalAdvocates-Liberty-2023WMP-11	8	CalAdv-11-11.8	better assess operational risk to plan and adjust work activities for significant weather event	berty has decided to not move forward with IBM's proposed solution at this time. Talal Haral iberty plans to have an initial risk-informed decision-making framework for overhead	hsheh 6/1/2023	6/6/2023			7	isk Evaluation (7.1)	7.2.2
				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 b) Li	iberty does not know the timeline for when all risk studies will be delivered. Liberty's							
CalAdvocates	11 CalAdvocates-Liberty-2023WMP-11	0	CalAdv-11-11.9	risk analyses.	Ifire risk modeling is an ongoing process that is informed by the results of current risk dies (i.e., Technosylva modeling results, Reax modeling results, Direxyon outputs), OEIS modeling guidelines, and collaborative discussions with stakeholders through	hsheh 6/1/2023	6/6/2022	Liberty Response to DR CalAdvocates-Liberty- 6/6/2023 2023WMP-11.pdf (libertyutilities.com)		7	isk Evaluation (7.1)	7 2 2
CalAdvocates	11 CalAdVocates-Liberty-2025WWF-11	9	CalAuv-11-11.9	On pp. 29-30 of its WMP, Liberty describes its actual WMP spends for the 2020-2022 cycle. Please a) Re	modeline editelines, and conaborative discussions with stakeholders through	11311E11 0/1/2023	0/0/2023	0/ 0/ 2023 ZOZSWIVIF-11.pdf (IIbertydtilities.com)		,	isk Evaluation (7.1)	7.2.3
				• Risk assessment and modeling b) Se	ee response 1a. ee response 1b.							
CalAdvocates	12 CalAdvocates-Liberty-2023WMP-12	1	CalAdv-12-12.1	 Asset management and inspections Vegetation management and inspections On p. 30 of its WMP, Liberty describes its planned spends for the 2023-2025 WMP cycle. Please a) Re 	Talal Haral	hsheh 6/6/2023	6/9/2023	CalAdvocates-Liberty-2023WMP-12_Liberty 6/9/2023 Response_06092023.pdf (libertyutilities.com)		4	roposed Expenditures (4.3)	
				provide a breakdown of the described proposed expenditures including at least the following on N								
				·	ee response 2b.			CalAdvocates-Liberty-2023WMP-12_Liberty				
CalAdvocates	12 CalAdvocates-Liberty-2023WMP-12	2	CalAdv-12-12.2	• Asset management and inspections 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		hsheh 6/6/2023	6/9/2023	6/9/2023 Response 06092023.pdf (libertyutilities.com)		4	roposed Expenditures (4.3)	
					page 202. There should only be one row for "Vegetation Management Inspection gram – LiDAR" and the initiative activity row was inadvertently split up due to the e break.							
CalAdvocates	12 CalAdvocates-Liberty-2023WMP-12	3	CalAdv-12-12.3	P**8	Talal Haral	hsheh 6/6/2023	6/9/2023	CalAdvocates-Liberty-2023WMP-12_Liberty 6/9/2023 Response 06092023.pdf (libertyutilities.com)		8	egetation Management and Inspections (8.2)	8.2.1.2
				a) Please describe what steps Liberty takes if a customer refuses access to his or her property for cust	Liberty VM field personnel are unable to perform their job function due to a comer refusing access, the refusal shall be documented in the VM system and on the							
				b) Please provide any internal protocols, handbooks, or other documents that describe the show	usal Form document. If possible, the vegetation condition and vicinity to facilities uld be photographed for reference and record keeping. erty VM field personnel (VM inspectors, VM workers) communicate the refusal as soon			CalAdvocates-Liberty-2023WMP-12 Liberty				
CalAdvocates	12 CalAdvocates-Liberty-2023WMP-12	4	CalAdv-12-12.4	inspection or a vegetation maintenance activity. On p. 243 of its WMP, Liberty provides Table 8-31: "Past Due Vegetation Management Work a) Applications are provided in the control of t	cossible to their immediate supervisor for resolution. Every effort should be made by age refers to the date the work order was first created.	hsheh 6/6/2023	6/9/2023	6/9/2023 Response 06092023.pdf (libertyutilities.com)		8	egetation Management and Inspections (8.2)	8.2.2
				a) In this table, does "age" refer to days since the work order was first created or days since the	iberty details how work orders are prioritized based on risk and how mitigation eframes are identified based on observed field conditions in Section 8.2.6 of the 2023							
CalAdvocates	12 CalAdvocates-Liberty-2023WMP-12	5	CalAdv-12-12.5	b) Please explain why there are 2,588 past due work orders in HFTD Tier 2 Areas with ages of com	IP (page 240 – 241) and per its VM-05, Vegetation Threat Procedure. Liberty intends to applete work orders and mitigate identified tree conditions within the timelines cified in its VM-05 based on the priority level of assigned to the vegetation work order. Talal Haral	hsheh 6/6/2023	6/9/2023	CalAdvocates-Liberty-2023WMP-12_Liberty 6/9/2023 Response 06092023.pdf (libertyutilities.com)		8	egetation Management and Inspections (8.2)	8.2.6
				Please provide copies of the following documents: a) Corporate Emergency Management Plan (CEMP), dated April 27, 2022, referenced on p. 284 of b) Referenced on p. 284 of plants.	efer to supporting materials: Liberty Corporate Emergency Management Plan (CEMP)	5, 5, 2023	-, -, 2020	2.5.2.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5			5	
				your WMP b) Liberty Utilities Public Safety Power Shutoff Playbook, dated June 13, 2022, referenced on p.				CalAdvocatos Liberty 2022/MAD 42 Liberty	2			
CalAdvocates	13 CalAdvocates-Liberty-2023WMP-13	1	CalAdv-13-13.1	284 of your WMP On p. 311 of its WMP, Liberty states "NV Energy is the [Transmission Owner] for Liberty A a) Ye	Talal Haral	hsheh 6/6/2023	6/9/2023	6/9/2023 CalAdvocates-Liberty-2023WMP-13_Liberty Response_06092023.pdf (libertyutilities.com)		8	mergency Preparedness (8.4)	8.4.2
				specific plan for communicating with NV Energy including the information to be provided is b) N	I/A o the extent possible, Liberty will follow PSPS protocols regarding communications if							
	13 (2-14 due set en 11)	_	0-14 1	a) Is NV Energy the sole provider of electricity to Liberty's circuits? b) If the answer to part (a) is no, please list the circuits that NV Energy provides electricity to.	NV Energy PSOM event impacts Liberty's power lines and customers. iberty objects to this request as vague and ambiguous with regard to the term "de-	hchah	0/0/5	CalAdvocates-Liberty-2023WMP-13_Liberty		0	morgania, Brazzara de la 10 m	9.4.2.2
CalAdvocates	13 CalAdvocates-Liberty-2023WMP-13	2	CalAdv-13-13.2	On p. 162 of its WMP, Liberty states "[T]hese programs, in particular Liberty's SRP program, may a) Li	rgizations." overbroad, unduly burdensome, and not reasonably calculated to lead to liberty's SRP program is not currently impacting Liberty's PSPS protocols. In 2023, erty is working with University of Nevada, Reno (UNR) to develop the SRP settings and	hsheh 6/6/2023	6/9/2023	6/9/2023 Response_06092023.pdf (libertyutilities.com)		٥	mergency Preparedness (8.4)	8.4.3.2
					cuss how this could impact PSPS protocols. If SRP settings are set sensitive enough,							
CalAdvocates	13 CalAdvocates-Liberty-2023WMP-13	3	CalAdv-13-13.3	conditions but decides to use its SRP program instead c) Please list all dates in 2022 when Liberty anticipated PSPS conditions but use its SRP program prov	ings that Liberty is currently planning to use for the SRP system are not currently ven to be low enough to make this call. Liberty will be evaluating this topic with UNR Talal Haral	hsheh 6/6/2023	6/9/2023	CalAdvocates-Liberty-2023WMP-13_Liberty 6/9/2023 Response 06092023.pdf (libertyutilities.com)		8	orid Design, operations, and maintenance (8.1)	8.1.2.6
				, , ,	ditions, temperature conditions, and moisture content. The area of Liberty service territory and weather conditions in any given year or month							
				its SRP program.	ct whether SRP will be enabled. Based on historical conditions, SRP settings would be bled in the summer and early fall when the moisture content is low and temperatures			CalAdvocates-Liberty-2023WMP-13_Liberty				
CalAdvocates	13 CalAdvocates-Liberty-2023WMP-13	4	CalAdv-13-13.4	On p. 162 of its WMP, Liberty states "Liberty will be expanding the 2022 Fast Trip, or SRP, pilot" a) Li	wind conditions can be high. Talal Haral iberty utilized a different program in 2021. Prior to the SRP program pilot in 2022,	hsheh 6/6/2023	6/9/2023			8	Grid Design, operations, and maintenance (8.1)	8.1.2.6
				a) In Liberty's response to CalAdvocates-Liberty-2023WMP-03, Question 1, the excel sheet this	erty utilized "wildfire mode" settings which removes reclosing. The SRP program takes a step further by removing reclosing and lowering the trip settings to a number that acts relay coordination and reduces incident energy on fault conditions, which in turn							
CalAdvocates	13 CalAdvocates-Liberty-2023WMP-13	5	CalAdv-13-13.5	2021" provides a value of 20244.00 for the Circuit Meyers 3300. Please explain if the pilot SRP redu program began in 2021 or if Liberty used a different program for this de-energization.	acts relay coordination and reduces incident energy on fault conditions, which in turn uces ignition risk. 2022. Liberty utilized a mix of SRP settings and "wildfire mode" settings because the Talal Haral	hsheh 6/6/2023	6/9/2023	CalAdvocates-Liberty-2023WMP-13_Liberty 6/9/2023 Response_06092023.pdf (libertyutilities.com)		8	irid Design, operations, and maintenance (8.1)	8.1.2.6
				Liberty's response to question 8 of data request CalAdvocates-Liberty-2023WMP-11 discusses an a) In "IBM Maximo project" and when the platform would be complete and operational. Liberty's	n its evaluation of whether to move forward with the proposed solution from IBM, erty considered factors including:					_		
				,	stem compatibility, particularly the risk of moving forward with the solution prior to			CalAdvocates-Liberty-2023WMP-14 Liberty				
CalAdvocates	14 CalAdvocates-Liberty-2023WMP-14	1	CalAdv-14-14.1	a) Please explain why Liberty has decided not to move forward with the proposed solution from IBM to consolidate its risk data sources. • the Please explain why your QDR for Q1 of 2022 reports the total number of distribution ignitions in The	e ability to operationalize model outputs. Talal Haral	hsheh 6/8/2023	6/13/2023	6/13/2023 Response_06132023.pdf (libertyutilities.com)				
				2020 and 2021 as 26, but your QDR for Q2 of 2022 reports the total number of distribution	erty's QDR for Q1 of 2023 correctly reports the total number of distribution ignitions in 0 and 2021 as four.							
	15 Col Advisortos Liberto Coccinios		Calada da da da			hshoh	C 140 10-5-	CalAdvocates-Liberty-2023WMP-15_Liberty 6/20/2023 Pesponse_06202023 pdf (libertywtilities com)				
CalAdvocates	15 CalAdvocates-Liberty-2023WMP-15	1	CalAdv-15-15.1	a) How many reportable distribution ignitions did Liberty experience in 2020? b) How many reportable distribution ignitions did Liberty experience in 2021? b) TI	Talal Haral One. Three.	hsheh 6/14/2023	b/19/2023	6/20/2023 Response 06202023.pdf (libertyutilities.com)				
				c) How many reportable distribution ignitions did Liberty experience in 2021? c) On								
CalAdvocates	15 CalAdvocates-Liberty-2023WMP-15	2	CalAdv-15-15.2		Talal Haral	hsheh 6/14/2023	6/19/2023	CalAdvocates-Liberty-2023WMP-15_Liberty 6/20/2023 Response_06202023.pdf (libertyutilities.com)				
				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:	er to file: CalAdvocates-Liberty-2023WMP-15_Liberty Response Question 3.							
				data: a) Date b) Circuit ID number				CalAdvocates-Liberty-2023WMP-15_Liberty				
CalAdvocates	15 CalAdvocates-Liberty-2023WMP-15	3	CalAdv-15-15.3	c) Line Type (Distribution or Transmission)	Talal Haral	hsheh 6/14/2023	6/19/2023	6/20/2023 Response 06202023.pdf (libertyutilities.com)				

				Please provide Liberty's Pre-submission 2023-2025 WMP Base Plan filed on March 6, 2023, with the OEIS per the 2023 WMP Guidelines and Schedule document. Including all attachments and pre-su pre-submission 2023-2025 WMP Base Plan	_ ' ,				CDL Liberty 2022WARD 01 Liberty	WMP Pre-		
Green Power Institute	1 GPI-Liberty-2023WMP-01	1	GPI-01-1.1	associated supporting documents required for the Pre-submission 2023-2025 WMP Base Plan filing.		Gregg Morris 3/	5/2023	3/9/2023	GPI Liberty 2023WMP 01 Liberty 3/8/2023 Response 03082023.pdf (libertyutilities.com)	Submission	Administrative	N/A
		1	OEIS-1-1.1		onse to Q01.: Indards including the height from ground and side of pole for installation are based isting equipment that occupy the pole as well as bucket truck accessibility. It ional installation guidelines are provided in supporting materials: "Attachment	30		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	4			
OEIS	1 OEIS-P-WMP_2023-LU-001			i. Provide the installation and equipment standard that all Liberty weather stations are installed to, including height from ground, direction of cross-arm, and which side of the pole/tower they iv. Reference installed on the pole installed o	fer to supporting materials: "Attachment Q01.ivLIB-Parts-Lifespan-Warranty."	Nathan Poon 6/	7/2023	6/12/2023	Data Request OEIS-P-WMP_2023-LU-001_Liberty 6/12/2023 Response 07122023.pdf (libertyutilities.com)		8 Situational Awareness & Forecasting (8.3)	8.3.2
OEIS	1 OEIS-P-WMP_2023-LU-001	2	OEIS-1-1.2	a. Liberty states in section 8.3.2.1 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, • Sage	onse to Q02.: er to: https://fuelmoisture.com getation types: ebrush at Meyers and Topaz (CA)	Nathan Poon 6/	7/2023	6/12/2023	Data Request OEIS-P-WMP 2023-LU-001 Liberty 6/12/2023 Response 07122023.pdf (libertyutilities.com)		8 Situational Awareness & Forecasting (8.3)	8.3.2
		3	OEIS-1-1.3	a. On page 167 of Liberty's 2023 WMP, Liberty states: "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 expulsion 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, words	erty experienced four documented failures. erty has experienced no ignitions associated with these fuses. language quoted in this question was incorrectly stated in Liberty's 2023 WMP. The s "continuously checked" were an error and should have been "continuity-checked." erty plans to replace the fuses with ELF non-expulsion fuses. iii.				Data Request OEIS-P-WMP 2023-LU-001 Liberty			
OEIS	1 OEIS-P-WMP_2023-LU-001			that would load to excessive heat huildun."		Nathan Poon 6/	7/2023	6/12/2023	6/12/2023 Response 07122023.pdf (libertyutilities.com)		8 Grid Design, operations, and maintenance (8.1)	.) 8.1.2
		4	OEIS-1-1.4	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 QA/QC of inspections."	termine the appropriate metrics and scoring criteria to measure QA/QC program rmance, including establishing an Acceptable Quality Level ("AQL") and Conformance				Data Request OEIS-P-WMP_2023-LU-001_Liberty			
OEIS	1 OEIS-P-WMP_2023-LU-001				onse to Q05.:	Nathan Poon 6/	7/2023	6/12/2023	6/12/2023 Response 07122023.pdf (libertyutilities.com)		8 Grid Design, operations, and maintenance (8.1)) 8.1.3
OEIS	1 OEIS-P-WMP_2023-LU-001	5	OEIS-1-1.5	a. In Table 8-11 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. its out	main cause includes limited resources being diverted to respond to storm events ad of being directed toward GO 95 infractions. Liberty plans to continue to address tstanding Level 2 repairs in 2023 and plans to bring on additional contract resources	Nathan Poon 6/	7/2023	6/12/2023	Data Request OEIS-P-WMP_2023-LU-001_Liberty 6/12/2023 Response_07122023.pdf (libertyutilities.com)		8 Grid Design, operations, and maintenance (8.1)	1) 8.1.2
OFIC	4 OF IS D WAAD 2022 LIL 004	6	OEIS-1-1.6	a. On page 185 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.	fer to supporting materials: "Attachment Q06.a. and Q06.fLiberty Fast Trip Data." erty is planning to implement sensitive relay profile (SRP) settings that are designed to cause nuisance trips but will trip as needed to provide protection. Settings will be door to minimize portions of circuits that will be de-energized. In addition, Liberty will ding fault indicators on circuits with SRP settings in order to aide in quickly locating and restoring power.	Jothan Dann	7/2023	C /42 /2022	Data Request OEIS-P-WMP_2023-LU-001_Liberty			1) 0.1.0
UEIS	1 OEIS-P-WMP_2023-LU-001	7	OEIS-1-1.7	a. In Liberty's 2023 WMP (pp. 265-266), 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 the fire season in both its 2021 (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 scope of the season in the season i	erty has partnered with the University of Nevada, Reno and the AlertWildfire camera ork to bring eight cameras in the Lake Tahoe Basin as well as the ability to access existing cameras within Liberty's service territory. The process has included ssions with AlertWildfire regarding the AlertWildfire annual operations services, e of work, pricing and locations. The process has also included negotiating a service	Nathan Poon 6/	//2025	6/12/2023	6/12/2023 Response 07122023.pdf (libertyutilities.com)		8 Grid Design, operations, and maintenance (8.1)	8.1.0
OFIS	1 OEIS-P-WMP_2023-LU-001				ment for the targeted AlertWildfire cameras.	Nathan Poon 6/	7/2023	6/12/2023	Data Request OEIS-P-WMP_2023-LU-001_Liberty 6/12/2023 Response 07122023.pdf (libertyutilities.com)		8 Grid Design, operations, and maintenance (8.1)	1) 8343
OLIS		1		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 PSPS. 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? CPUC is serviced ii. Liberty project to participate in the program in 2023, 2024, and 2025? CPUC is serviced iii. Liberty project to participate in the program in 2023, 2024, and 2025?	erty has experienced challenges finalizing terms in the service agreement for the erty proposed a behind-the-meter battery program for medical baseline customers in istomer Resiliency Program application (A.22-02-008). Cal Advocates opposed the am, and the proposal was dropped in a settlement agreement submitted to the in that proceeding. Liberty is currently reevaluating options for providing back-up set o its medical baseline customers. erty did not have a battery back-up service for medical baseline customers in 2021 (2022. Liberty does not have customer projections for a battery back-up service for cal baseline customers in 2023, 2024 and 2025.	vatrian roon o,	72025	0/12/2023			Grid Design, Operations, and maintenance (6.1)	0.3.4.3
OEIS	2 OEIS-P-WMP 2023-LU-002		OEIS-2-2.1			Nathan Poon 6/1	3/2023	6/21/2023	Data Request OEIS-P-WMP_2023-LU-002_Liberty 6/21/2023 Response 07212023.pdf (libertyutilities.com)	N/A	AFN Plan	N/A
OLIS .	Z OLIST WIVII _ ZOZS	2	OLIJ-Z-Z.1	b. Has Liberty performed any type of effectiveness study or studies as it relates to its LiDAR when the	, Liberty completed a cost-benefit analysis of its annual LiDAR inspections after 2020 the program was first implemented. The results of that analysis showed LiDAR	0/1	5, 2025	0,21,2023	Data Request OEIS-P-WMP 2023-LU-002 Liberty	IN/A	P. M. T. M. I.	INA
OEIS	2 OEIS-P-WMP_2023-LU-002	3	OEIS-2-2.2	a. In Section 6.6.1 (page 101) 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 ii. The	erty expects the independent review process to be inclusive of an assortment of in the fields of wildfire, terrain, and statistics. e independent review process the data inputs and the statistical ework/model.	Nathan Poon 6/1	3/2023	6/21/2023	6/21/2023 Response 07212023.pdf (libertyutilities.com) Data Request OEIS-P-WMP 2023-LU-002 Liberty	N/A	N/A	N/A
OEIS	3 OEIS-P-WMP_2023-LU-002		OEIS-2-2.3	review (e.g., model integration, input data, review triggers)? a. Regarding Section 6.1.1, Independent Review and Section 6.6.2, Model Controls, Design, and a. Afte		Nathan Poon 6/1	3/2023	6/21/2023	6/21/2023 Response 07212023.pdf (libertyutilities.com)		6 Risk Methodology and Assessment (6.6)	6.6.1
		4			hnosylva's analytics will be inputs to the risk-based decision-making frameworks that				Data Request OEIS-P-WMP 2023-LU-002 Liberty			,