

Count	Party Name	Data Set	Data Request	Accession #	Generation ID	Question Text	Link to Discovery Responses: https://www.pge.com/energyandwater/community/water/water-quality-program.html	Requester	Data Rec'd	Final Due Date	Data Set	Links	Number of Anns.	NRA Required	2023 WMP Sector	Category	Subcategory
1	CaPA	Sat WMP-07	CaPA_Sat WMP-07	1	CaPA_Sat WMP-07_01	In the review of PG&E's WORM v3 by Energy & Environmental Economics, Inc. ("CEE"), the authors note: "There were also several references to PG&E asset data, now current to 2022-01-01, and inclusion of updated internally generated meteorology datasets." 3) Please confirm that no asset data collected after January 1, 2022 was used in the WORM v3. 4) Please confirm that asset data collected after January 1, 2022 was used in PG&E's WORM v3; please specify the data on which any such data was collected. 5) Please confirm that asset data (per a) to d) is geospatial (GIS) data from the operational system of record. If not, please specify the source of the data used.	All distribution asset data utilized in the Wildfire Distribution Risk Model (WDRM) v3 was extracted from PG&E's EDOGS 2022 on January 1, 2022, with the exception of the transformer data which was extracted from EDOGS on February 2, 2022. 1) See answer to part a. 2) See answer to part a.	Joshua Borowski	3/17/2023	3/30/2023	3/30/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.2	Risk Methodology and Assessment	Risk Analysis Framework
2	CaPA	Sat WMP-07	CaPA_Sat WMP-07_02	2	CaPA_Sat WMP-07_02	Page 15 of 23 Please include a list of components included in the WORM v3. 4) Please confirm the data that the WORM v3 was finalized. 5) If the final list of components is different than what is listed in the E3 only, please provide an updated and accurate list of components that are used in PG&E's WORM v3. 6) For any items included in your response to Question 2(b) that do not appear on Page 15 of the E3 review, please provide the latest data on which that item was updated. If it is the same as the data in PG&E's WORM v3, please explain why they are different.	The Wildfire Distribution Risk Model (WDRM) v3 was finalized by approval of the Wildfire Risk Governance Committee (WRGC) on April 13, 2022. 1) The final list of components included in the WORM v3 are provided in the submittal located in Figure 5-3a-model Predictive Performance Measures on page 21 of the E3 Review document. 2) Not applicable. 3) Not applicable. 4) Not applicable. 5) See response to 2c.	Joshua Borowski	3/17/2023	3/30/2023	3/30/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.2	Risk Methodology and Assessment	Risk Analysis Framework
3	CaPA	Sat WMP-07	CaPA_Sat WMP-07_03	3	CaPA_Sat WMP-07_03	a) Please provide the data that the WORM v4 was finalized. If it has not been finalized, please provide an explanation as to why it is not finalized. b) Please provide a current list of components that are used in PG&E's WORM v4. c) Please provide the data of PG&E asset data used as of end of the WORM v4. If there are any items included in your response to Question 2(b) that do not appear on Page 15 of the E3 review, please provide the latest data on which that item was updated. If it is the same as the data in PG&E's WORM v3, please explain why they are different. d) Please confirm that asset data (per a) to c) is geospatial (GIS) data from the operational system of record. If not, please specify the source of the data used.	The Wildfire Distribution Risk Model (WDRM) v4 has not been finalized. Model review and approval is scheduled for Q2 2023. The list of equipment components in the WORM v4 has not been finalized at this time. 1) The asset data for the WORM v4 was extracted from PG&E's EDOGS on January 1, 2023. 2) Please see the response to 3c.	Joshua Borowski	3/17/2023	3/30/2023	3/30/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.2	Risk Methodology and Assessment	Risk Analysis Framework
4	MSRA	Data Request No. 1	MSRA_Data Request No. 1	1	MSRA_Data Request No. 1_01	Please provide the Asset Point data for Canara, Fua, Support Structure, and Weather Station.	In response to this request, PG&E is providing Canara and Weather Station data, as defined in the 04-2022 OESIS GIS Data Standard Submission. PG&E is also providing non-confidential data from the Support Structure feature class. PG&E is not providing data for the Fua feature class as the data is confidential critical energy infrastructure information (CEII).	Joseph Michal	3/29/2023	4/10/2023	4/7/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	1	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
4	MSRA	Data Request No. 1	MSRA_Data Request No. 1	100	MSRA_Data Request No. 1_01(a)	Please provide the Asset Point data for Canara, Fua, Support Structure, and Weather Station.	In response to this request, PG&E is providing Canara and Weather Station data, as defined in the 04-2022 OESIS GIS Data Standard Submission. PG&E is also providing non-confidential data from the Support Structure feature class. PG&E is not providing data for the Fua feature class as the data is confidential critical energy infrastructure information (CEII).	Joseph Michal	3/29/2023	4/13/2023	4/13/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	4	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
5	MSRA	Data Request No. 1	MSRA_Data Request No. 1	2	MSRA_Data Request No. 1_02	Please provide Asset Line data for Transmission Line (as permitted as non-confidential), Primary Distribution Line, and Secondary Distribution Line.	In response to this request, PG&E is providing non-confidential data for the Primary and Secondary Distribution Line Feature Classes. PG&E is not providing the Transmission Line feature class because it is confidential CEII.	Joseph Michal	3/29/2023	4/10/2023	4/7/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
5	MSRA	Data Request No. 1	MSRA_Data Request No. 1	200	MSRA_Data Request No. 1_02(a)	Please provide Asset Line data for Transmission Line (as permitted as non-confidential), Primary Distribution Line, and Secondary Distribution Line.	In response to this request, PG&E is providing non-confidential data for the Primary and Secondary Distribution Line Feature Classes. PG&E is not providing the Transmission Line feature class because it is confidential CEII.	Joseph Michal	3/29/2023	4/13/2023	4/13/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
6	MSRA	Data Request No. 1	MSRA_Data Request No. 1	3	MSRA_Data Request No. 1_03	Please provide PPS Event data, including Event Log, Event Log, Event Polygon data, and PPS Event Damage data, including PPS Event Damage data.	PG&E does not have any non-confidential or non-privileged data to provide in response to this request. The photos provided in this feature class may be subject to attorney client privilege or the work product doctrine and may be subject to ongoing litigation. Additionally, PG&E risk event photos are confidential CEII because they reveal physical facility and critical infrastructure locations. As such, they have been removed from the response.	Joseph Michal	3/29/2023	4/10/2023	4/7/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
6	MSRA	Data Request No. 1	MSRA_Data Request No. 1	300	MSRA_Data Request No. 1_03(a)	Please provide PPS Event data, including Event Log, Event Log, Event Polygon data, and PPS Event Damage data, including PPS Event Damage data.	PG&E does not have any non-confidential or non-privileged data to provide in response to this request. The photos provided in this feature class may be subject to attorney client privilege or the work product doctrine and may be subject to ongoing litigation. Additionally, PG&E risk event photos are confidential CEII because they reveal physical facility and critical infrastructure locations. As such, they have been removed from the response.	Joseph Michal	3/29/2023	4/13/2023	4/13/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
7	MSRA	Data Request No. 1	MSRA_Data Request No. 1	4	MSRA_Data Request No. 1_04	Please provide Risk Event Point data, including Wire Down, Ignition, Transmission Upstream Outage (as classified non-confidential), Distribution Upstream Outage data, Distribution Vegetation Caused Upstream Outage, Risk Event Asset Log.	In response to this request, PG&E is providing non-confidential data for the Wire Down, Ignition, Transmission Upstream Outage, Distribution Upstream Outage, Distribution Vegetation Caused Upstream Outage, and Risk Event Asset Log feature classes and related table. Additional sensitive information reported in these feature classes includes data on where PG&E's Line Segments, Utility Requirements, Single Source Replacement, and SCADA enabled work has been performed, and where future work is planned to take place. These are confidential CEII because they reveal physical facility and critical infrastructure locations. As such, they have been removed from the response.	Joseph Michal	3/29/2023	4/10/2023	4/7/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
7	MSRA	Data Request No. 1	MSRA_Data Request No. 1	400	MSRA_Data Request No. 1_04(a)	Please provide Risk Event Point data, including Wire Down, Ignition, Transmission Upstream Outage (as classified non-confidential), Distribution Upstream Outage data, Distribution Vegetation Caused Upstream Outage, Risk Event Asset Log.	In response to this request, PG&E is providing non-confidential data for the Wire Down, Ignition, Transmission Upstream Outage, Distribution Upstream Outage, Distribution Vegetation Caused Upstream Outage, and Risk Event Asset Log feature classes and related table. Additional sensitive information reported in these feature classes includes data on where PG&E's Line Segments, Utility Requirements, Single Source Replacement, and SCADA enabled work has been performed, and where future work is planned to take place. These are confidential CEII because they reveal physical facility and critical infrastructure locations. As such, they have been removed from the response.	Joseph Michal	3/29/2023	4/13/2023	4/13/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
8	MSRA	Data Request No. 1	MSRA_Data Request No. 1	5	MSRA_Data Request No. 1_05	Please provide photo data for Risk Events.	PG&E does not have any non-confidential or non-privileged data to provide in response to this request. The photos provided in this feature class may be subject to attorney client privilege or the work product doctrine and may be subject to ongoing litigation. Additionally, PG&E risk event photos are confidential CEII because they reveal physical facility and critical infrastructure locations. As such, they have been removed from the response.	Joseph Michal	3/29/2023	4/10/2023	4/7/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
8	MSRA	Data Request No. 1	MSRA_Data Request No. 1	500	MSRA_Data Request No. 1_05(a)	Please provide photo data for Risk Events.	PG&E does not have any non-confidential or non-privileged data to provide in response to this request. The photos provided in this feature class may be subject to attorney client privilege or the work product doctrine and may be subject to ongoing litigation. Additionally, PG&E risk event photos are confidential CEII because they reveal physical facility and critical infrastructure locations. As such, they have been removed from the response.	Joseph Michal	3/29/2023	4/13/2023	4/13/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
9	MSRA	Data Request No. 1	MSRA_Data Request No. 1	6	MSRA_Data Request No. 1_06	Under Initiatives, please provide Grid Hardening data, including Hardening Log, Hardening Point, and Hardening Line data. Inspection data is not requested at this time.	In response to this request, PG&E is providing non-confidential data for the System Hardening, Busbar Circuit Breaker, and O&M Underpinning WMP initiative programs that were included in the Grid Hardening Log, Grid Hardening Point, and Grid Hardening Line feature classes and related table. Additional sensitive information reported in these feature classes includes data on where PG&E's Line Segments, Utility Requirements, Single Source Replacement, and SCADA enabled work has been performed, and where future work is planned to take place. These are confidential CEII because they reveal physical facility and critical infrastructure locations. As such, they have been removed from the response.	Joseph Michal	3/29/2023	4/10/2023	4/7/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
9	MSRA	Data Request No. 1	MSRA_Data Request No. 1	600	MSRA_Data Request No. 1_06(a)	Under Initiatives, please provide Grid Hardening data, including Hardening Log, Hardening Point, and Hardening Line data. Inspection data is not requested at this time.	In response to this request, PG&E is providing non-confidential data for the System Hardening, Busbar Circuit Breaker, and O&M Underpinning WMP initiative programs that were included in the Grid Hardening Log, Grid Hardening Point, and Grid Hardening Line feature classes and related table. Additional sensitive information reported in these feature classes includes data on where PG&E's Line Segments, Utility Requirements, Single Source Replacement, and SCADA enabled work has been performed, and where future work is planned to take place. These are confidential CEII because they reveal physical facility and critical infrastructure locations. As such, they have been removed from the response.	Joseph Michal	3/29/2023	4/13/2023	4/13/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
10	MSRA	Data Request No. 1	MSRA_Data Request No. 1	7	MSRA_Data Request No. 1_07	Under Initiatives, please provide Other Initiative data for point, polygon features and the Other Initiative Log.	In response to this request, PG&E is providing WMP initiative program data for the Weather Station Installation and Optimization and Canara Installation that were included in the Other Initiative Log and Other Initiative Point related table and feature class. Additional WMP initiative programs reported in these feature classes includes data on where PG&E's Line Segments, Utility Requirements, Single Source Replacement, and SCADA enabled work has been performed, and where future work is planned to take place. These items are confidential CEII because they reveal physical facility and critical infrastructure locations.	Joseph Michal	3/29/2023	4/10/2023	4/7/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
10	MSRA	Data Request No. 1	MSRA_Data Request No. 1	700	MSRA_Data Request No. 1_07(a)	Under Initiatives, please provide Other Initiative data for point, polygon features and the Other Initiative Log.	In response to this request, PG&E is providing WMP initiative program data for the Weather Station Installation and Optimization and Canara Installation that were included in the Other Initiative Log and Other Initiative Point related table and feature class. Additional WMP initiative programs reported in these feature classes includes data on where PG&E's Line Segments, Utility Requirements, Single Source Replacement, and SCADA enabled work has been performed, and where future work is planned to take place. These items are confidential CEII because they reveal physical facility and critical infrastructure locations.	Joseph Michal	3/29/2023	4/13/2023	4/13/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
11	MSRA	Data Request No. 1	MSRA_Data Request No. 1	8	MSRA_Data Request No. 1_08	Under Other Required Data, please provide Red Flag Warning Day polygon data.	PG&E is providing the Red Flag Warning Day polygon data, as requested by MSRA.	Joseph Michal	3/29/2023	4/10/2023	4/7/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
11	MSRA	Data Request No. 1	MSRA_Data Request No. 1	800	MSRA_Data Request No. 1_08(a)	Under Other Required Data, please provide Red Flag Warning Day polygon data.	PG&E is providing the Red Flag Warning Day polygon data, as requested by MSRA.	Joseph Michal	3/29/2023	4/13/2023	4/13/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
12	MSRA	Data Request No. 1	MSRA_Data Request No. 1	9	MSRA_Data Request No. 1_09	Please provide a layer indicating calculated critical-level risk using the methodology presented in the WMP.	The method described in the 2023 WMP to aggregate model results is conducted to produce a critical segment level risk value but it is not used to produce a critical level risk value. However, the geospatial representation of circuit segments that would be provided in response to this data request involves the identification of CEII, which we are required by law to maintain as confidential and cannot provide without the requesting party agreeing to protect the information through a non-disclosure agreement.	Joseph Michal	3/29/2023	4/10/2023	4/7/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	0	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
12	MSRA	Data Request No. 1	MSRA_Data Request No. 1	900	MSRA_Data Request No. 1_09(a)	Please provide a layer indicating calculated critical-level risk using the methodology presented in the WMP.	The method described in the 2023 WMP to aggregate model results is conducted to produce a critical segment level risk value but it is not used to produce a critical level risk value. However, the geospatial representation of circuit segments that would be provided in response to this data request involves the identification of CEII, which we are required by law to maintain as confidential and cannot provide without the requesting party agreeing to protect the information through a non-disclosure agreement.	Joseph Michal	3/29/2023	4/13/2023	4/13/2023	https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html https://www.pge.com/energyandwater/community/water/water-quality-program.html	1	NA	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
13	CaPA	Sat WMP-08	CaPA_Sat WMP-08_01	1	CaPA_Sat WMP-08_01	PG&E's WMP status: The EVM Program concluded at the end of 2022. PG&E will continue to strengthen our existing WMP programs. PG&E is transitioning the maintenance of enhanced clearances that were achieved in EVM to routine WMP events. The established routine maintenance requirements for specific distribution assets where EVM scope has been performed on HTFD designated areas) and passed by work verification. a) Please describe how PG&E intends to strengthen its other existing WMP programs as stated above. b) Does PG&E intend to achieve enhanced clearances in areas where they have not been achieved through EVM, or is PG&E only maintaining to maintain existing enhanced clearances? c) If PG&E will pursue the achievement of enhanced clearances in new locations, please provide PG&E's strategy and methodology for the following: i) Identifying which circuit and/or locations need enhanced clearances ii) Identifying which areas to time in a given project location iii) Identifying the potential clearance duration iv) Describing the schedule and sequence of enhanced clearance projects d) If PG&E only intends to maintain existing enhanced clearances, please explain why.	PG&E will maintain clearances where EVM work occurred. PG&E will also be processing a minimum initial clearance of 12 feet minimum clearance (in HTFD/PRA) at a time of 12 feet in HTFD (per G.O. 55 Rule 25, Appendix E) at 12 feet when PRA. 2) There is an anticipated increase of tree resources to trees at the first course of action recommended at time of being per the Distribution Vegetation Inspection Procedure (DVIP). Funding has been provided to account for increased resources. 3) There are higher controls through reports and monitoring of work completion. 1) PG&E will maintain clearances where EVM work occurred. PG&E will also be processing a minimum initial clearance of 12 feet minimum clearance (in HTFD/PRA) at a time of 12 feet in HTFD (per G.O. 55 Rule 25, Appendix E) at 12 feet when PRA. 2) There is an anticipated increase of tree resources to trees at the first course of action recommended at time of being per the Distribution Vegetation Inspection Procedure (DVIP). Funding has been provided to account for increased resources. 3) There are higher controls through reports and monitoring of work completion. 1) PG&E will maintain clearances where EVM work occurred. PG&E will also be processing a minimum initial clearance of 12 feet minimum clearance (in HTFD/PRA) at a time of 12 feet in HTFD (per G.O. 55 Rule 25, Appendix E) at 12 feet when PRA. 2) There is an anticipated increase of tree resources to trees at the first course of action recommended at time of being per the Distribution Vegetation Inspection Procedure (DVIP). Funding has been provided to account for increased resources. 3) There are higher controls through reports and monitoring of work completion. 1) PG&E will maintain clearances where EVM work occurred. 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Funding has been provided to account for increased resources. 3) There are higher controls through reports and monitoring of work completion. 1) PG&E will maintain clearances where EVM work occurred. PG&E will also be processing a minimum initial clearance of 12 feet minimum clearance (in HTFD/PRA) at a time of 12 feet in HTFD (per G.O. 55 Rule 25, Appendix E) at 12 feet when PRA. 2) There is an anticipated increase of tree resources to trees at the first course of action recommended at time of being per the Distribution Vegetation Inspection Procedure (DVIP). Funding has been provided to account for increased resources. 3) There are higher controls through reports and monitoring of work completion. 1) PG&E will maintain clearances where EVM work occurred. 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Funding has been provided to account for increased resources. 3) There are higher controls through reports and monitoring of work completion. 1) PG&E will maintain clearances where EVM work occurred. PG&E will also be processing a minimum initial clearance of 12 feet minimum clearance (in HTFD/PRA) at a time of 12 feet in HTFD (per G.O. 55 Rule 25, Appendix E) at 12 feet when PRA. 2) There is an anticipated increase of tree resources to trees at the first course of action recommended at time of being per the Distribution Vegetation Inspection Procedure (DVIP). Funding has been provided to account for increased resources. 3) There are higher controls through reports and monitoring of work completion. 1) PG&E will maintain clearances where EVM work occurred. PG&E will also be processing a minimum initial clearance of 12 feet minimum clearance (in HTFD/PRA) at a time of 12 feet in HTFD (per G.O. 55 Rule 25, Appendix E) at 12 feet when PRA. 2) There is an anticipated increase of tree resources to trees at the first course of action recommended at time of being per the Distribution Vegetation Inspection Procedure (DVIP). Funding has been provided to account for increased resources. 3) There are higher controls through reports and monitoring of work completion. 1) PG&E will maintain clearances where EVM work occurred. PG&E will also be processing a minimum initial clearance of 12 feet minimum clearance (in HTFD/PRA) at a time of 12 feet in HTFD (per G.O. 55 Rule 25, Appendix E) at 12 feet when PRA. 2) There is an anticipated increase of tree resources to trees at the first course of action recommended at time of being per the Distribution Vegetation Inspection Procedure (DVIP). Funding has been provided to account for increased resources. 3) There are higher controls through reports and monitoring of work completion. 1) PG&E will maintain clearances where EVM work occurred. PG&E will also be processing a minimum initial clearance of 12 feet minimum clearance (in HTFD/PRA) at a time of 12 feet in HTFD (per G.O. 55 Rule 25, Appendix E) at 12 feet when PRA. 2) There is an anticipated increase of tree resources to trees at the first course of action recommended at time of being per the Distribution Vegetation Inspection Procedure (DVIP). Funding has been provided to account for increased resources. 3) There are higher controls through reports and monitoring of work completion. 1) PG&E will maintain clearances where EVM work occurred. PG&E will also be processing a minimum initial clearance of 12 feet minimum clearance (in HTFD/PRA) at a time of 12 feet in HTFD (per G.O. 55 Rule 25, Appendix E) at 12 feet when PRA. 2) There is an anticipated increase of tree resources to trees at the first course of action recommended at time of being per the Distribution Vegetation Inspection Procedure (DVIP). Funding has been provided to account for increased resources. 3) There are higher controls through reports and monitoring of work completion. 1) PG&E will maintain clearances where EVM work occurred. PG&E will also be processing a minimum initial clearance of 12 feet minimum clearance (in HTFD/PRA) at a time of 12 feet in HTFD (per G.O. 55 Rule 25, Appendix E) at 12 feet when PRA. 2) There is an anticipated increase of tree resources to trees at the first course of action recommended at time of being per the Distribution Vegetation Inspection Procedure (DVIP). 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PG&E will also be processing a minimum initial clearance of 12 feet minimum clearance (in HTFD/PRA) at a time of 12 feet in HTFD (per G.O. 55 Rule 25, Appendix E) at 12 feet when PRA. 2) There is an anticipated increase of tree resources to trees at the first course of action recommended at time of being per the Distribution Vegetation Inspection Procedure (DVIP). Funding has been provided to account for increased resources. 3) There are higher controls through reports and monitoring of work completion.<										

14	CAIPA	Sat WMP-08	CAIPA_Sat WMP-08_Q2	2	CAIPA_Sat WMP-08_Q2	<p>Regarding the new "Tree Removal Inventory Program" described in section 8.2.2.2.4 of PG&E's WMP, PG&E states:</p> <p>This is a new transitional program for 2023 stemming from the conclusion of the EVM program. This program is intended to work down trees previously identified. PG&E estimates that our EVM inventory included more than 300,000 trees as of the end of 2022. Under the Tree Removal Inventory program, we remove or re-speciate trees identified in the EVM program.</p> <p>Based on this on-going re-speciation and evaluation work, we will develop annual re-speciation work plans and budgets to higher-level decision support groups or CPUs. We will place all trees in the inventory in a re-speciation pool.</p> <p>At PG&E, we define what is meant by the term "transitional" in the first sentence.</p> <p>(1) Does PG&E intend to identify new trees to be added to the transitional inventory?</p> <p>(2) If the answer to part (1) is yes, please explain PG&E's methodology and strategy for doing so.</p> <p>(3) If the answer to part (1) is no, please explain how PG&E intends to achieve comparable risk reduction outcomes that are equivalently provided by the EVM program.</p> <p>(4) What is the nature of the "re-speciation" or "re-speciation and evaluation work"?</p> <p>(5) Please explain the meaning of the "on-going re-speciation and evaluation work".</p> <p>(6) How many trees will the "on-going re-speciation and evaluation work"?</p> <p>(7) If the answer to part (6) is yes, please explain how PG&E intends to address vegetation in riparian areas going forward.</p> <p>(8) If the answer to part (6) is no, please explain how the tree inventory will be maintained and used going forward.</p> <p>(9) When is stated that PG&E estimates that our EVM inventory included more than 300,000 trees as of the end of 2022, please explain why this number is an estimate rather than a precise number.</p>	0	NA	8.2.2.4	Vegetation Management and Inspections	Tree Removal Inventory
15	CAIPA	Sat WMP-08	CAIPA_Sat WMP-08_Q3	3	CAIPA_Sat WMP-08_Q3	<p>Regarding the new "VM for Operational Mitigation" described in section 8.2.2.2.3 of PG&E's WMP, PG&E states:</p> <p>This is a new transitional program for 2023 stemming from the conclusion of the EVM program. This program is intended to help reduce outage and potential impacts with a risk-informed, targeted plan to mitigate potential vegetation contacts based on historic vegetation outages in EPSS-enabled circuits. PG&E will initially focus on mitigating potential vegetation contacts in CPUs that have experienced vegetation-caused outages. Scope of work will be developed by using EPSS and historical outage data and vegetation data from the WORM to risk model EPSS-enabled device vegetation outage events of condition inspections to generate additional work.</p> <p>(1) Does PG&E intend to identify new trees to be added to the transitional inventory?</p> <p>(2) If the answer to part (1) is yes, please explain PG&E's methodology and strategy for doing so.</p> <p>(3) If the answer to part (1) is no, please explain how PG&E intends to achieve comparable risk reduction outcomes that are equivalently provided by the EVM program.</p> <p>(4) What is the nature of the "re-speciation" or "re-speciation and evaluation work"?</p> <p>(5) Please explain the meaning of the "on-going re-speciation and evaluation work".</p> <p>(6) How many trees will the "on-going re-speciation and evaluation work"?</p> <p>(7) If the answer to part (6) is yes, please explain how PG&E intends to address vegetation in riparian areas going forward.</p> <p>(8) If the answer to part (6) is no, please explain how the tree inventory will be maintained and used going forward.</p> <p>(9) When is stated that PG&E estimates that our EVM inventory included more than 300,000 trees as of the end of 2022, please explain why this number is an estimate rather than a precise number.</p>	0	NA	8.2.2.2	Vegetation Management and Inspections	VM for Operational Mitigation
16	CAIPA	Sat WMP-08	CAIPA_Sat WMP-08_Q4	4	CAIPA_Sat WMP-08_Q4	<p>Regarding the new "Focused Tree Inspections" described in section 8.2.2.2.3 of PG&E's WMP, PG&E states:</p> <p>This is a new transitional program for 2023 stemming from the conclusion of the EVM program. PG&E is developing AOCs to better focus VM efforts to address high risk areas that have experienced higher volumes of vegetation damage during PSPS events, outages, and/or ignitions. We have conducted a county-by-county review with regional DSEAs and used this information to develop programs where focused vegetation inspections can be evaluated to determine appropriate courses to prioritize projects. Focused Tree Inspection plans will be piloted in select one area. The pilot will develop and implement guidelines that inform program.</p> <p>(1) Does PG&E intend to identify new trees to be added to the transitional inventory?</p> <p>(2) If the answer to part (1) is yes, please explain PG&E's methodology and strategy for doing so.</p> <p>(3) If the answer to part (1) is no, please explain how PG&E intends to achieve comparable risk reduction outcomes that are equivalently provided by the EVM program.</p> <p>(4) What is the nature of the "re-speciation" or "re-speciation and evaluation work"?</p> <p>(5) Please explain the meaning of the "on-going re-speciation and evaluation work".</p> <p>(6) How many trees will the "on-going re-speciation and evaluation work"?</p> <p>(7) If the answer to part (6) is yes, please explain how PG&E intends to address vegetation in riparian areas going forward.</p> <p>(8) If the answer to part (6) is no, please explain how the tree inventory will be maintained and used going forward.</p> <p>(9) When is stated that PG&E estimates that our EVM inventory included more than 300,000 trees as of the end of 2022, please explain why this number is an estimate rather than a precise number.</p>	0	NA	8.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections
17	CAIPA	Sat WMP-08	CAIPA_Sat WMP-08_Q5	5	CAIPA_Sat WMP-08_Q5	<p>PG&E states on p. 539 of its WMP:</p> <p>PG&E is conducting our VM Program starting in 2023. Based on outage data and analysis, the risk reduction of the EVM Program is less than the risk reduction from the EVM program that was introduced in 2021.</p> <p>PG&E will continue to implement "data and analysis" that shows that "the reduction of the EVM program is less than the risk reduction from the EVM program."</p> <p>PG&E provides any available compliance reports, reports, or other documents that support the statement quoted above.</p>	0	NA	8.2.3	Vegetation Management and Inspections	Fall in Mitigation
18	CAIPA	Sat WMP-08	CAIPA_Sat WMP-08_Q6	6	CAIPA_Sat WMP-08_Q6	<p>PG&E states on p. 539 of its WMP:</p> <p>Additional Operational Mitigation such as PVD and DCCD will also help to mitigate risk previously prescribed to EVM. As a result, PG&E conducted the EVM Program at the end of 2022.</p> <p>(1) Does PG&E intend to identify new trees to be added to the transitional inventory?</p> <p>(2) If the answer to part (1) is yes, please explain PG&E's methodology and strategy for doing so.</p> <p>(3) If the answer to part (1) is no, please explain how PG&E intends to achieve comparable risk reduction outcomes that are equivalently provided by the EVM program.</p> <p>(4) What is the nature of the "re-speciation" or "re-speciation and evaluation work"?</p> <p>(5) Please explain the meaning of the "on-going re-speciation and evaluation work".</p> <p>(6) How many trees will the "on-going re-speciation and evaluation work"?</p> <p>(7) If the answer to part (6) is yes, please explain how PG&E intends to address vegetation in riparian areas going forward.</p> <p>(8) If the answer to part (6) is no, please explain how the tree inventory will be maintained and used going forward.</p> <p>(9) When is stated that PG&E estimates that our EVM inventory included more than 300,000 trees as of the end of 2022, please explain why this number is an estimate rather than a precise number.</p>	0	NA	8.2.3	Vegetation Management and Inspections	Fall in Mitigation
19	CAIPA	Sat WMP-08	CAIPA_Sat WMP-08_Q7	7	CAIPA_Sat WMP-08_Q7	<p>On pp. 314-316 of PG&E's WMP, PG&E divides its operational mitigations into four different groups. Group 2 includes "Inspection and maintenance programs where we exceed compliance requirements and permit inspections are deployed and/or we implement new technologies so that we no longer need to exceed compliance requirements." For the following Group 2 mitigations, please state whether PG&E will determine that it is no longer needed to exceed compliance requirements, and state the basis for such a determination:</p> <p>(1) Equipment Maintenance Program</p> <p>(2) Fire Clearing Program</p> <p>(3) Utility Defensible Space Program</p> <p>(4) Flood Management</p> <p>(5) Substation Defensible Space</p> <p>(6) Focused Tree Inspections</p> <p>(7) Emergency Integrated VM</p> <p>(8) Emergency Response VM</p>	0	NA	7.2.3	Wildfire Mitigation Strategy Development	Hearm Mitigation Initiatives
20	CAIPA	Sat WMP-08	CAIPA_Sat WMP-08_Q8	8	CAIPA_Sat WMP-08_Q8	<p>On pp. 314-316 of PG&E's WMP, PG&E divides its operational mitigations into four different groups. Group 2 includes "Inspection and maintenance programs where we exceed compliance requirements and permit inspections are deployed and/or we implement new technologies so that we no longer need to exceed compliance requirements." For each of the following Group 2 mitigations, please state whether PG&E needs to document the program/initiative once permit inspections are deployed or new technologies are implemented:</p> <p>(1) Equipment Maintenance Program</p> <p>(2) Fire Clearing Program</p> <p>(3) Utility Defensible Space Program</p> <p>(4) Flood Management</p> <p>(5) Substation Defensible Space</p> <p>(6) Focused Tree Inspections</p> <p>(7) Emergency Integrated VM</p> <p>(8) Emergency Response VM</p>	0	NA	7.2.3	Wildfire Mitigation Strategy Development	Hearm Mitigation Initiatives
21	CAIPA	Sat WMP-08	CAIPA_Sat WMP-08_Q9	9	CAIPA_Sat WMP-08_Q9	<p>Regarding the new "Tree Removal Inventory Program" described in section 8.2.2.2.4 of PG&E's WMP, PG&E states:</p> <p>This is a new transitional program for 2023 stemming from the conclusion of the EVM program. This program is intended to work down trees previously identified. PG&E estimates that our EVM inventory included more than 300,000 trees as of the end of 2022.</p> <p>Based on this on-going re-speciation and evaluation work, we will develop annual re-speciation work plans and budgets to higher-level decision support groups or CPUs. We will place all trees in the inventory in a re-speciation pool.</p> <p>(1) Does PG&E intend to identify new trees to be added to the transitional inventory?</p> <p>(2) If the answer to part (1) is yes, please explain PG&E's methodology and strategy for doing so.</p> <p>(3) If the answer to part (1) is no, please explain how PG&E intends to achieve comparable risk reduction outcomes that are equivalently provided by the EVM program.</p> <p>(4) What is the nature of the "re-speciation" or "re-speciation and evaluation work"?</p> <p>(5) Please explain the meaning of the "on-going re-speciation and evaluation work".</p> <p>(6) How many trees will the "on-going re-speciation and evaluation work"?</p> <p>(7) If the answer to part (6) is yes, please explain how PG&E intends to address vegetation in riparian areas going forward.</p> <p>(8) If the answer to part (6) is no, please explain how the tree inventory will be maintained and used going forward.</p> <p>(9) When is stated that PG&E estimates that our EVM inventory included more than 300,000 trees as of the end of 2022, please explain why this number is an estimate rather than a precise number.</p>	0	NA	8.2.2.4	Vegetation Management and Inspections	Tree Removal Inventory
22	CAIPA	Sat WMP-08	CAIPA_Sat WMP-08_Q10	10	CAIPA_Sat WMP-08_Q10	<p>PG&E will continue to assess the risk of new trees during the period from 2023-2025 through the Distribution Routine and Second Patrol programs accordingly. The identification of vegetation and other emergency priority trees is embedded into all VM, tree removal and mitigation programs. As well as the resulting work authorization and quality programs.</p> <p>(1) Does PG&E intend to identify new trees to be added to the transitional inventory?</p> <p>(2) If the answer to part (1) is yes, please explain PG&E's methodology and strategy for doing so.</p> <p>(3) If the answer to part (1) is no, please explain how PG&E intends to achieve comparable risk reduction outcomes that are equivalently provided by the EVM program.</p> <p>(4) What is the nature of the "re-speciation" or "re-speciation and evaluation work"?</p> <p>(5) Please explain the meaning of the "on-going re-speciation and evaluation work".</p> <p>(6) How many trees will the "on-going re-speciation and evaluation work"?</p> <p>(7) If the answer to part (6) is yes, please explain how PG&E intends to address vegetation in riparian areas going forward.</p> <p>(8) If the answer to part (6) is no, please explain how the tree inventory will be maintained and used going forward.</p> <p>(9) When is stated that PG&E estimates that our EVM inventory included more than 300,000 trees as of the end of 2022, please explain why this number is an estimate rather than a precise number.</p>	0	NA	8.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections

33	CAfPA	Set WMP-09	CAfPA_Set WMP-09_02	2	CAfPA_Set WMP-09_02	<p>P. 107 of PG&E's WMP states, "Increased temperatures can cause electric equipment to age more quickly which will increase the need for more frequent asset replacement. Higher temperatures may cause equipment to fail leading to customer outages."</p> <p>a) What steps has PG&E taken to mitigate the increased risk of asset failure anticipated from rising temperatures?</p> <p>b) What steps does PG&E plan to take during the 2023-2025 WMP period to mitigate the increased risk of asset failure anticipated from rising temperatures?</p>	<p>PG&E notes that this assessment is included in the 2023-2025 WMP as a general observation about the variability of certain assets based on prevailing temperatures that exceed equipment design specifications. To more completely evaluate the vulnerability remaining, the exposure of an asset to a specific climate hazard as well as an asset's sensitivity to that climate hazard of a given asset or of the grid as a whole.</p> <p>PG&E will file its final Climate Vulnerability Assessment pursuant to CPUC Decision 20-08-046 in May 2024. In addition to the answers provided below, the 2022 Climate Strategy Report contains a significant amount of detail on the Company's climate mitigation and adaptation activities.</p> <p>PG&E has undertaken existing adaptive capacity to manage the increased risk of asset failure driven by heat-related climate hazards and is taking the following steps to mitigate that risk:</p> <ul style="list-style-type: none"> 1) PG&E's delivery, maintenance, and replace heat-sensitive electric equipment as part of the company's core maintenance cycle, clean, protectable, reliable assets. 2) PG&E has developed and installed transformer oil-level monitors to better target existing transformer replacement efforts. 3) PG&E is currently reviewing electric design standards to ensure that equipment is designed to operate in more heat conditions. This will ensure that equipment at the end of its useful life will be replaced with equipment designed to be able to operate in more heat conditions. <p>In addition to the above, PG&E's Climate Resilience Team provides advanced climate projection data to PG&E's Risk Assessment and Mitigation Phase (RAM) filing.</p> <p>Climate data is derived from the National Oceanic and Atmospheric Administration's (NOAA) reanalysis data to provide frequent weather information that is used to inform the risk assessment and mitigation phase (RAM) filing.</p> <p>Climate projections provide directional guidance as to changes in the average frequency and severity of climate hazards over decades and cannot be used to predict the occurrence of specific weather events in a given year or even sub-decadal multi-year period. In other words, climate projections centered on year 2022 versus 2023 will show similar conditions on average. This does not preclude that extreme or acute heat events could occur between 2022 and 2025. In addition to the elements of adaptive capacity mentioned above, PG&E also maintains a robust Emergency Preparedness and Response function to maintain safety and reliability under acute environmental conditions occur.</p> <p>1 See https://www.cpuc.ca.gov/information-and-topics/electric-utility-energy/energy-change.</p> <p>2 See https://www.cpuc.ca.gov/information-and-topics/electric-utility-energy/energy-change.</p>	Holly Wetmore	4/4/2023	4/7/2023	4/7/2023	https://www.cpuc.ca.gov/information-and-topics/electric-utility-energy/energy-change	0	NA	5.3.4.2	Overview of the Service Territory	Climate Change Phenomena and Trends
34	CAfPA	Set WMP-09	CAfPA_Set WMP-09_03	3	CAfPA_Set WMP-09_03	<p>P. 508 of PG&E's WMP states:</p> <p>"In 2022 we continued our assessment through the Electric Program Investment Charge 3.45, "Automated Fire Detection from Wildfire Alert Cameras," program. Through our assessment period we determined that AI detection on cameras will improve our detection system and in 2023 we will select a vendor to install AI detection on our cameras."</p> <p>a) Did PG&E determine that AI detection will improve its detection system?</p> <p>b) Please identify the AI-based PG&E wildfire alert cameras. AI detection will improve PG&E's detection system.</p> <p>c) Please provide any available analysis, analyses or reports to support your statements in response to parts (a) and (b) of these questions.</p> <p>d) From the beginning of 2023, how many total PG&E spots on the Electric Program Investment Charge 3.45, "Automated Fire Detection from Wildfire Alert Cameras," program?</p> <p>e) How many total PG&E cameras were installed on the Electric Program Investment Charge 3.45, "Automated Fire Detection from Wildfire Alert Cameras," program in each of the years 2023, 2024, and 2025?</p> <p>f) When is the earliest date that PG&E expects to reduce benefits from automated fire detection?</p>	<p>AI PG&E ran a pilot of AI technology in 2021 to determine the efficacy of this new technology to assist with the detection and notification of new ignitions. In 2022 a project was launched under the Electric Program Investment Charge 3.45 in which multiple potential vendors participated to prove out the ability of the AI technology to continuously monitor the feeds from the wildfire cameras installed in PG&E service territory and provide alerts to both PG&E and responding agency partners in order to reduce response time to detected ignitions.</p> <p>During the EPC project, PG&E has determined that AI would enable both PG&E and First Responders to receive notifications of ignitions detected on installed wildfire cameras. The decision was made to pursue AI implementation on all PG&E sponsored cameras in 2023. It is important to note that CAL FIRE, SOG, and SOG&E are all sponsors of AI implementation on their sponsored cameras in 2023.</p> <p>The ability for the over 1,000 wildfire cameras installed across the state to be continuously monitored with rapid alerting for responding agencies is seen as a major step forward in the detection and response to wildfire ignition.</p> <p>Between 2 and 30 minutes are saved when utilizing wildfire alert technology (WAT). This time saved will allow employees to spend more time on other safety and response activities and decrease the amount of new ignitions from spots that rely on the ability of a person to see and respond to a spot.</p> <p>1) Please refer to the following WMP-Discovery/2023, CA/Innovation, 09-000-0000, AI/ML which contains a comparative analysis of existing response times that were faster than the 8-11 calls (80% faster) for the WAT.</p> <p>2) AI/As of the beginning of 2023, PG&E spent \$1,043,000 on the Electric Program Investment Charge 3.45, "Automated Fire Detection from Wildfire Alert Cameras," program.</p> <p>3) The EPC project has ended and there will be no additional spend on this going forward. The cost to implement AI on approximately \$1,000,000 in 2023 with incremental increases going forward. CAL FIRE, SOG, and SOG&E will all be supporting the cost of their sponsored cameras in the same cost centers.</p> <p>4) PG&E expects to realize benefits from automated fire detection as early as June 2023.</p>	Holly Wetmore	4/4/2023	4/7/2023	4/7/2023	https://www.cpuc.ca.gov/information-and-topics/electric-utility-energy/energy-change	1	NA	6.3.4.2	Skunked Awareness and Forecasting	Ignition Detection Systems
35	CAfPA	Set WMP-09	CAfPA_Set WMP-09_04	4	CAfPA_Set WMP-09_04	<p>P. 114 of PG&E's WMP states, "The results of the PSPS Consequence Model are then calibrated to PG&E's Distribution Risk Model (DRM) for PSPS."</p> <p>For comparison purposes PG&E's MAVF, explain how the results of the PSPS Consequence Model are calibrated to the MAVF.</p>	<p>PG&E's PSPS MAVF Risk Score includes safety, reliability, and financial components. The combination of the components results in a total MAVF Risk Score for PSPS.</p> <p>The Safety PG&E uses the combination of 50% PG&E PSPS data and 50% US industry widespread completed outage data. Based on modeling of the two datasets, PG&E assesses a Service Territory Failure (STF) (within Customer Market (Interconnected CMB), Details are shown in "WMP-Discovery/2023, DR, CA/Innovation, 09-000-0000-0001".</p> <p>For Reliability, PG&E uses the CMB estimates from the historical data set for each loadable area. Details are shown in "WMP-Discovery/2023, DR, CA/Innovation, 09-000-0000-0002".</p> <p>For Financial, PG&E uses the historical cost of executing PSPS events and estimates a load cost of executing a PSPS and a cost per customer through this expression:</p> <p>Details are shown in "WMP-Discovery/2023, DR, CA/Innovation, 09-000-0000-0003".</p> <p>PG&E's PSPS consequence model is based off the back-of-envelope PSPS events since 2010 at the customer level for each customer. The model provides an estimate of CMB based on the PSPS frequency and MAVF. This model is used to estimate the MAVF risk score for the same area across with each region. As such, PG&E believes the MAVF risk score is a reasonable estimate of the total MAVF risk score. Additionally, PG&E includes a critical customer weighting, for example, a critical customer would have a weighting of 2, so the CMB associated with that customer would be equivalently double that of a regular customer.</p> <p>As an example:</p> <p>The Overall MAVF Risk Score is 10 Customer 1 (critical) weighting = 10 CMB Customer 2 (regular) weighting = 30 CMB Customer 3 (equivalent CMB to 1) weighting = 30 CMB Customer 4 (equivalent CMB to 3) weighting = 30 CMB Customer 1 MAVF = 10 * (10/30) = 3.33 MAVF Customer 2 MAVF = 10 * (30/30) = 10 MAVF</p>	Holly Wetmore	4/4/2023	4/7/2023	4/7/2023	https://www.cpuc.ca.gov/information-and-topics/electric-utility-energy/energy-change	3	NA	6.2.3	Risk Methodology and Assessment	Risk and Risk Components Calculation
36	CAfPA	Set WMP-09	CAfPA_Set WMP-09_05	5	CAfPA_Set WMP-09_05	<p>P. 161 of PG&E's WMP discusses Group G, Above-Grade Hardware, in the context of PG&E's WTRM Group G has two sub-groups, PG&E's Hardware, Sub-Group 1 consists of components where the fire code closely aligns with that of the structure. These include the hanger plate and bolt.</p> <p>a) Does the WTRM apply to the same hardware and hardware to all components within a grouping? Please explain your answer.</p> <p>b) Does PG&E's grouping within the WTRM account for any hardware that may be unique to a subset of hardware within a group? Please explain your answer.</p> <p>c) Hanger plates may be subject to wear such as "hardening" that the main structure may not experience. How does PG&E account for the potential differences in the code between hanger plates and the structure?</p> <p>d) Which group within the WTRM includes a hanger plate?</p> <p>e) Please explain your justification for your answer to part (d).</p>	<p>a) Yes, the same hazard and threats are applied to all components within a grouping. Grouping a set of components is based on the following considerations:</p> <ol style="list-style-type: none"> 1. Similar asset lifecycle. 2. Similar asset function. 3. Similar Asset Management strategy. <p>b) As a starting point, the WTRM assumes that the components have been designed to the minimum design wind loads and are equally susceptible to the threats affecting the structure. As more data is collected on individual design, the model/framework will be used to select the most vulnerable component for a given hazard. For example, if a hanger plate that requires minimum design wind loads have been installed on a structure, it may be determined that the main structure is more vulnerable to the same hazard than the hanger plate. In this case, the hanger plate would be the most vulnerable component and the main structure would be further prioritized for repair.</p> <p>c) The WTRM accounts for differences between hanger plates and the structure by including the threats and hazards to each in each of its threat models. For "hardening" which increases the failure likelihood of that component. The structure itself has different and unique threats that are modeled separately from the C-hook and hanger plate.</p> <p>d) C-hooks are considered to be in the Above Grade Hardware group because they have the most in common with hardware in terms of materials, general size, location on the structure, and degradation mechanisms.</p>	Holly Wetmore	4/4/2023	4/7/2023	4/7/2023	https://www.cpuc.ca.gov/information-and-topics/electric-utility-energy/energy-change	0	NA	6.2.2.1	Risk Methodology and Assessment	Risk and Risk Components Calculation
37	CAfPA	Set WMP-09	CAfPA_Set WMP-09_06	6	CAfPA_Set WMP-09_06	<p>P. 183 of PG&E's WMP states, "top-10 areas are defined as the areas corresponding to those 100 x 100 in pixels that represent PG&E overhead electrical infrastructure locations and are in the top 200 pixels based on WORM risk scores."</p> <p>HW: "top 200 percentile" does PG&E mean the 80th through 100th percentile, as percentiles are conventionally defined in other words, the highest quartile of risk scores?</p> <p>b) In the above statement, does "top 200 percentile" refer to WORM risk scores (which encompass most of PG&E's service territory) or a subset (for example, the top 200 percentile of WORM risk scores located within HW)? Please explain your answer.</p> <p>c) How many critical areas are included in the "top 200 percentile" as this term is used in PG&E's WMP?</p>	<p>a) Yes, "top 200 percentile" PG&E means the 80th through 100th percentile, i.e., the highest quartile of risk scores for each area. The top 100 percentile would be the top 100 pixels based on WORM risk scores. (1) PG&E service territory was initially divided into grid blocks, 100 m x 100 m pixels, (2) for each block corresponding PG&E overhead electrical infrastructure (1,452,233 pixels), the WORM of each pixel was calculated as a score (range 0-100) based on the number of pixels (0-200) that were designated as "top-100" areas. (3) The number of overhead distribution circuit miles included in the "top 200 percentile" is 19,292 miles (from a total of approximately 81,000 overhead distribution circuit miles).</p>	Holly Wetmore	4/4/2023	4/7/2023	4/7/2023	https://www.cpuc.ca.gov/information-and-topics/electric-utility-energy/energy-change	0	NA	6.4.1.2	Risk Methodology and Assessment	Top Risk Areas Within the WTRM
38	CAfPA	Set WMP-09	CAfPA_Set WMP-09_07	7	CAfPA_Set WMP-09_07	<p>P. 73 of PG&E's WMP states, "We created a space-specific stress index model for PG&E new health and mortality."</p> <p>a) How does PG&E utilize the space-specific stress index model for new health and mortality?</p> <p>b) Please describe the data inputs to the model.</p> <p>c) Please describe the outputs of the model.</p>	<p>a) A space-specific stress index model for new health and mortality uses information related to temperature, precipitation, air pollution, and other environmental trends to evaluate issues impacting new health and mortality.</p> <p>b) PG&E has not yet received the information from the vendors needed to develop the stress index model that expects to receive it shortly. Once the information is received, PG&E will perform additional analysis in order to test the feasibility of creating a space-specific model. PG&E will continue to update the model by April 2023 WMP event.</p> <p>c) PG&E has not yet created the model, as described in response to part (b).</p>	Holly Wetmore	4/4/2023	4/7/2023	4/7/2023	https://www.cpuc.ca.gov/information-and-topics/electric-utility-energy/energy-change	0	NA	4.4	Overview of WMP	Risk-Informed Framework
39	CAfPA	Set WMP-09	CAfPA_Set WMP-09_08	8	CAfPA_Set WMP-09_08	<p>P. 129 of PG&E's WMP states:</p> <p>"When conducting VM activities, PG&E employees and contractors must adhere to PG&E's Best Management Practices (BMP) where practicable. BMPs are considered practicable where physically possible and not conflicting with other regulatory obligations or safety considerations (CG 95 Rule 35 and Public Resources Code 4292 and 4293) or emergency response activities."</p> <p>a) How do VM contractors determine when adherence to BMPs is not "physically possible"?</p> <p>b) How does PG&E utilize or review VM contractors to ensure they are adhering to BMPs where practicable?</p> <p>c) What actions does PG&E take if it determines that a VM contractor has not consistently adhered to BMPs where practicable?</p> <p>d) Please list all instances in 2022 where PG&E has determined that a VM contractor did not adhere to BMPs where practicable, as defined above.</p> <p>e) Please list all instances in 2022 in which PG&E took action to reprimand or sanction a VM contractor for failing to adhere to BMPs where practicable.</p>	<p>The BMPs referenced on Page 129 of the WMP (i.e. TCR 10207-01-0101, Best Management Practices (BMP)) are Department Management (VM) controls to ensure compliance with environmental compliance requirements.</p> <p>a) PG&E makes every effort to comply with the BMPs if the risk of vegetation to our assets and potential non-compliance with CG 95 Rules 18.8, PRC 4292 or 4293, or MREC Standard PRC-032-C is greater than the potential environmental risk the BMPs are designed to mitigate, then the priority vegetation work takes precedence. Compliance with CG 95 Rule 35, VM Power, Fire Protection and TCR 10207-01-0101, Transmission VM Assessment Check and Insulated Practices, and adherence to the following options provided in the WMP:</p> <ul style="list-style-type: none"> Page 118 - Figure PG&E-8.2.2-1: PG&E VM Termination Transaction Process Page 122 - Figure PG&E-8.2.2-2: PG&E VM Termination Transaction Process Page 122 - Figure PG&E-8.2.2-3: PG&E VM Termination Transaction Process Page 122 - Figure PG&E-8.2.2-4: PG&E VM Termination Transaction Process Page 127 - Figure PG&E-8.2.2-5: PG&E VM Distribution Section Patrol Process Page 127 - Figure PG&E-8.2.2-6: PG&E VM Distribution Section Patrol Process Page 127 - Figure PG&E-8.2.2-7: PG&E VM Distribution Section Patrol Process Page 127 - Figure PG&E-8.2.2-8: PG&E VM Distribution Section Patrol Process <p>Examples where PG&E VM contractors might determine that adherence to BMPs is not "physically possible" and best work would be to proceed with the work:</p> <ul style="list-style-type: none"> 1. Limited Operating Periods (COP), either due to weather-related soil conditions or potential biological impacts (i.e., limited bird nesting season). 2. Safety considerations - There may be instances where the only way to safely perform work mitigation may impact required environmental resources. 3. PG&E assesses contractor BMP adherence through several methods, including: <p>PG&E Environmental Management (EM) performs enhanced field audits of projects subjected for environmental review.</p> <p>Where there have been noticeable trends for a particular Issue Category of BMP non-compliance, EM will occasionally perform focused field audits.</p> <p>PG&E's vegetation management operations inspectors and program managers perform field observations that may include compliance with applicable laws and regulations, as well as conformance to internal BMPs where practicable.</p> <p>c) Corrective actions associated with non-compliance of BMPs vary depending upon the level of risk of the specific issue.</p> <p>The BMP non-compliance that are non-compliance of an external regulatory requirement or commitment, the issue is reported in accordance with PG&E's Compliance Investigation and Self-Reporting Standards as applicable.</p> <p>Corrective Actions may include any of the following:</p> <ul style="list-style-type: none"> 1. Retention of the contractor. 2. Suspension of the contractor. 3. Termination of the contractor. 4. Referral to the appropriate regulatory agency. <p>d) Correction may be required to take additional training courses to ensure compliance and understanding of when and how to adhere to BMPs.</p>	Holly Wetmore	4/4/2023	4/12/2023	4/12/2023	https://www.cpuc.ca.gov/information-and-topics/electric-utility-energy/energy-change	1	NA	5.4.5	Overview of the Service Territory	Environmental Compliance and Permitting

51	CaPA	Sat WMP-10	CaPA_Sat WMP-10	4	CaPA_Sat WMP-10_Q4	<p>P. 338 of POGE's WMP plans, with regard to DTS-FAS7</p> <p>A project, field test installation was completed on a 15-foot tower in Matanzas and a wood pole in Santa Cruz in 2022. This testing is intended to verify the reliability of the remote test installation. The results of this testing will be reported in the annual report for 2023. The field test installation was completed on a 15-foot tower in Matanzas and a wood pole in Santa Cruz in 2022. The results of this testing will be reported in the annual report for 2023. The field test installation was completed on a 15-foot tower in Matanzas and a wood pole in Santa Cruz in 2022. The results of this testing will be reported in the annual report for 2023.</p> <p>Please provide data on the results of the field test installation in Matanzas.</p> <p>1) Please provide the test results for the field test installation in Matanzas.</p> <p>2) Please provide the test results for the field test installation in Santa Cruz.</p> <p>3) Please provide the test results for the field test installation in Santa Cruz.</p> <p>4) Please provide the test results for the field test installation in Santa Cruz.</p> <p>5) Please provide the test results for the field test installation in Santa Cruz.</p> <p>6) Please provide the test results for the field test installation in Santa Cruz.</p> <p>7) Please provide the test results for the field test installation in Santa Cruz.</p> <p>8) Please provide the test results for the field test installation in Santa Cruz.</p> <p>9) Please provide the test results for the field test installation in Santa Cruz.</p> <p>10) Please provide the test results for the field test installation in Santa Cruz.</p>	Holly Wetman	4/20/23	4/10/2023	4/10/2023	0	NA	8.1.2.2	Grid Design and System Hardening	Emerging Grid Hardening Technology Installations and Pivots
52	CaPA	Sat WMP-10	CaPA_Sat WMP-10	5	CaPA_Sat WMP-10_Q5	<p>P. 337 of POGE's WMP plans. 1) Applied. DTS-FAS7 could have a significant impact on wildfire risk where deployed.</p> <p>2) Please provide the photos of a significant impact on wildfire risk in the above table.</p> <p>3) Please provide any workpapers or studies to support your answer to part 1b.</p>	Holly Wetman	4/20/23	4/10/2023	4/10/2023	0	NA	8.1.2.1	Grid Design and System Hardening	Emerging Grid Hardening Technology Installations and Pivots
53	CaPA	Sat WMP-10	CaPA_Sat WMP-10	6	CaPA_Sat WMP-10_Q6	<p>P. 464 of POGE's WMP plans. 1) We reduced the Customer Average Interruption Duration Index (CAIDI) and Customer Empowering a Standard Outage (CESO) for customers served by EPSS-eligible lines in 2022. Please provide the CAIDI value for all HTD customers for each year from 2019-2022.</p> <p>2) Please provide the CESO value for all HTD customers for each year from 2019-2022.</p>	Holly Wetman	4/20/23	4/10/2023	4/10/2023	1	NA	8.1.1.1	Grid Operations and Procedures	Equipment Settings to Reduce Wildfire Risk
54	CaPA	Sat WMP-10	CaPA_Sat WMP-10	7	CaPA_Sat WMP-10_Q7	<p>P. 464 of POGE's WMP plans. 1) By the end of 2022, we responded to 89 percent of outages on EPSS-enabled lines within 60 minutes, responding on average within 42 minutes. 2) The average response time for all outages on EPSS-enabled lines in 2022 was 42 minutes. 3) The average response time for all outages on EPSS-enabled lines in 2022 was 42 minutes. 4) The average response time for all outages on EPSS-enabled lines in 2022 was 42 minutes.</p>	Holly Wetman	4/20/23	4/10/2023	4/10/2023	0	NA	8.1.1.1	Grid Operations and Procedures	Equipment Settings to Reduce Wildfire Risk
55	CaPA	Sat WMP-10	CaPA_Sat WMP-10	8	CaPA_Sat WMP-10_Q8	<p>P. 464 of POGE's WMP plans. 1) By the end of 2022, we responded to 89 percent of outages on EPSS-enabled lines within 60 minutes, responding on average within 42 minutes. 2) The average response time for all outages on EPSS-enabled lines in 2022 was 42 minutes. 3) The average response time for all outages on EPSS-enabled lines in 2022 was 42 minutes. 4) The average response time for all outages on EPSS-enabled lines in 2022 was 42 minutes.</p> <p>1) Average response time 2) 20th percentile response time 3) Median (50th percentile) response time 4) 75th percentile response time 5) Longest response time</p>	Holly Wetman	4/20/23	4/10/2023	4/10/2023	0	NA	8.1.1.1	Grid Operations and Procedures	Equipment Settings to Reduce Wildfire Risk
56	CaPA	Sat WMP-10	CaPA_Sat WMP-10	9	CaPA_Sat WMP-10_Q9	<p>P. 464 of POGE's WMP plans. 1) By the end of 2022, we responded to 89 percent of outages on EPSS-enabled lines within 60 minutes, responding on average within 42 minutes. 2) The average response time for all outages on EPSS-enabled lines in 2022 was 42 minutes. 3) The average response time for all outages on EPSS-enabled lines in 2022 was 42 minutes. 4) The average response time for all outages on EPSS-enabled lines in 2022 was 42 minutes.</p> <p>1) Average response time 2) 20th percentile response time 3) Median (50th percentile) response time 4) 75th percentile response time 5) Longest response time</p>	Holly Wetman	4/20/23	4/10/2023	4/10/2023	0	NA	8.1.1.1	Grid Operations and Procedures	Equipment Settings to Reduce Wildfire Risk
57	CaPA	Sat WMP-10	CaPA_Sat WMP-10	10	CaPA_Sat WMP-10_Q10	<p>P. 441 of POGE's WMP plans. 1) We implemented a CA (quality assurance) program for systems inspections. 2) Please describe the main features of the CA program that POGE plans to implement. 3) What are the probable limitations of the CA program that POGE plans to implement?</p>	Holly Wetman	4/20/23	4/10/2023	4/10/2023	0	NA	8.1.6.1	Quality Assurance and Quality Control	Quality Assurance
58	CaPA	Sat WMP-10	CaPA_Sat WMP-10	11	CaPA_Sat WMP-10_Q11	<p>P. 441 of POGE's WMP plans. 1) We updated existing OY (quality verification) procedures for systems inspections. 2) Please describe the program POGE has made for updating existing OY procedures for systems inspections. 3) Please describe the program POGE has made for updating existing OY procedures for systems inspections. 4) Please describe the program POGE has made for updating existing OY procedures for systems inspections.</p>	Holly Wetman	4/20/23	4/10/2023	4/10/2023	0	NA	8.1.6.1	Quality Assurance and Quality Control	Quality Assurance
59	CaPA	Sat WMP-10	CaPA_Sat WMP-10	12	CaPA_Sat WMP-10_Q12	<p>P. 450 of POGE's WMP plans. 1) Along with reducing wildfire risk related to backing ignition risk tags in HF TDWPA, we (EC) continue to deliver after January 1st, 2023 HF TDWPA ignition risk tags will be completed in compliance with GO 95 in 18 months. 2) Please describe the program POGE has made for updating existing OY procedures for systems inspections. 3) Please describe the program POGE has made for updating existing OY procedures for systems inspections. 4) Please describe the program POGE has made for updating existing OY procedures for systems inspections.</p>	Holly Wetman	4/20/23	4/10/2023	4/10/2023	0	NA	8.1.7.2	Open Work Orders	Open Work Orders - Distribution Tags
60	CaPA	Sat WMP-10	CaPA_Sat WMP-10	13	CaPA_Sat WMP-10_Q13	<p>Table POGE-8.1.7.1 p. 451 of POGE's WMP plans. 1) Field Safety Reassessment (FSR) performed annually on all open work orders. 2) Please describe the program POGE has made for updating existing OY procedures for systems inspections. 3) Please describe the program POGE has made for updating existing OY procedures for systems inspections. 4) Please describe the program POGE has made for updating existing OY procedures for systems inspections.</p>	Holly Wetman	4/20/23	4/10/2023	4/10/2023	0	NA	8.1.7.2	Open Work Orders	Open Work Orders - Distribution Tags

218	OEIS	003	OEIS_003	4	OEIS_003_Q4	Regarding Support for Medical Baseline Customers a. How does PG&E support Medical Baseline (MBL) customers during wildfire emergencies?	Colin Lang	4/1/2023	4/26/2023	4/26/2023	https://www.pge.com/bay_global/customer/energy/health-and-safety/medical-baseline-customers-during-wildfire-emergencies	0	NA	8.4.6	Emergency Preparedness	Customer Support in Wildfire and PSPS Emergencies		
219	OEIS	003	OEIS_003	5	OEIS_003_Q5	Regarding Emergency Operations Customer Surveys a. Provide an example of each customer survey year in 2021 and 2022 regarding emergency operations and any reports analyzing these surveys' results.	Colin Lang	4/1/2023	4/26/2023	4/26/2023	https://www.pge.com/bay_global/customer/energy/health-and-safety/wildfire-emergencies/emergency-operations-customer-surveys	1	NA	8.4.4	Emergency Preparedness	Public Emergency Communication Strategy		
220	OEIS	003	OEIS_003	6	OEIS_003_Q6	Regarding PG&E's Assess of Concern a. Provide a GIS layer of PG&E's Assess of Concern (AOC) with the following attributes for each AOC polygon: i. Name of the AOC ii. Number of overhead cross-arms in the AOC that are in scope for Focused Tree Inspections (AOC in-scope?) (Yes/No) iii. Cumulative probability of ignition caused by vegetation coupled with consequences of ignition as given by WDRM (AOC in-scope?) iv. Average probability of ignition caused by vegetation coupled with consequences of ignition as given by WDRM (AOC in-scope?) v. Cumulative Overhead Utility Risk as defined by the 2023-2025 WMP Technical Guidelines, Appendix B vi. Cumulative Ignition Risk as defined by the 2023-2025 WMP Technical Guidelines, Appendix B vii. Cumulative PSPS Risk as defined by the 2023-2025 WMP Technical Guidelines, Appendix B viii. Cumulative Contact from Vegetation Likelihood of Ignition as defined by the 2023-2025 WMP Technical Guidelines, Appendix B b. The PG&E used vegetation related data source to identify the identification of overhead trees to create the AOC? (e.g., LDM, satellite) If so, list the data sources and the date the data were collected. (e.g., distribution/LDM flow by PG&E in 2019) c. How PG&E used any monthly data sets to create the AOC? If so, list the data sets and the date the data were collected. d. Describe the prioritization of inspection among the AOC? If so, list the data sets and the date the data were collected.	Colin Lang	4/1/2023	4/26/2023	4/26/2023	https://www.pge.com/bay_global/customer/energy/health-and-safety/wildfire-emergencies/vegetation-related-data-source	3	NA	8.2	NA	8.2	Vegetation Management and Inspections	NA
221	OEIS	003	OEIS_003	7	OEIS_003_Q7	Regarding Focused Tree Inspections a. During the decision process to discontinue use of the Tree Assessment Tool (TAT) and adopt the ISA's Basic Tree Risk Assessment Form (ISA form), did PG&E consider incorporating elements from the ISA's form into the TAT? b. How PG&E plan to incorporate known localized risk factors (e.g., wind, outage trees as species) into tree risk assessments? c. Did PG&E perform any analysis or study that compared the outcomes of the TAT and the ISA's checklist in the field? If so, provide the analysis or study. d. How PG&E benchmarked and/or decided the latest version of its TAT and the associated risk assessment procedure and to use the risk assessment procedure using the ISA's checklist with other utilities, including, but not limited to, SCE and to Tree Risk Calculator? If so, provide a summary of the benchmarking/discussions. e. Provide the log and any documentation of methodology, justification, and data sources for the most recent version of the TAT. Include a list of the factors considered in TAT scoring methodology.	Colin Lang	4/1/2023	4/27/2023	4/27/2023	https://www.pge.com/bay_global/customer/energy/health-and-safety/wildfire-emergencies/focused-tree-inspections	1	NA	8.2	NA	8.2	Vegetation Management and Inspections	NA
222	OEIS	003	OEIS_003	8	OEIS_003_Q8	Regarding Confidential Stakeholder Data Requests a. Provide PG&E's confidential responses and attachments to the following Data Requests: i. WMP-Discovery2023_California-002-0001.pdf ii. WMP-Discovery2023_California-006-0007.pdf iii. WMP-Discovery2023_California-006-0008.pdf iv. WMP-Discovery2023_California-006-0011.pdf v. WMP-Discovery2023_California-006-0012.pdf vi. WMP-Discovery2023_California-009-0016.pdf	Colin Lang	4/1/2023	4/26/2023	4/26/2023	https://www.pge.com/bay_global/customer/energy/health-and-safety/wildfire-emergencies/confidential-stakeholder-data-requests	0	NA	7	NA	7	Wildfire Mitigation Strategy Development	NA
223	OEIS	003	OEIS_003	9	OEIS_003_Q9	Regarding PG&E's Asset Inspection Program a. Provide the inspection checklist used for both PG&E's patrols and detailed inspections. b. PG&E takes its inspections specifically to inspect wildfire risk specific items, identify which items within the checklist they apply to, particularly if such differs from standard GO 23 inspections. c. On average, how many detailed inspections are completed by inspectors per day?	Colin Lang	4/1/2023	4/26/2023	4/26/2023	https://www.pge.com/bay_global/customer/energy/health-and-safety/wildfire-emergencies/asset-inspection-program	5	NA	8.1.3	NA	8.1.3	Asset Inspections	NA

260	CAIPA	Set WMP-19	CAIPA_Set WMP-19_G2	2	CAIPA_Set WMP-19_G2	<p>a) In 2023, what is the average per-circuit-mile cost that PG&E expects to incur for asset inspection and maintenance on covered conductor distribution lines installed in the HFTD?</p> <p>b) In 2023, what is the average per-circuit-mile cost that PG&E expects to incur for asset inspection and maintenance on underground distribution lines installed in the HFTD?</p> <p>c) In 2023, what is the average per-circuit-mile cost that PG&E expects to incur for asset inspection and maintenance on overhead distribution lines installed in the HFTD?</p> <p>d) Please state the assumptions and limitations of your estimates for parts (a) through (c).</p>	<p>1) Completion is expected as part of our General Order (GO) 166 detailed ground inspection and patrol program. It is also expected during planned inspection.</p> <p>2) These inspection processes currently do not differentiate between covered conductor and bare conductor. The cost that we expect to incur for distribution overhead asset inspections in HFTDs in 2023 is roughly \$2.19 per circuit-mile, regardless of whether the conductor is covered or bare. In addition, the cost that we expect to incur for distribution overhead asset maintenance in HFTDs in 2023 is \$14.08 per circuit-mile.</p> <p>3) Underground calls to inspect as part of our GO 128 underground inspection and patrol program, which has an expected cost in 2023 of \$53 per inspection and \$11 cost for patrol. We do not calculate a per-circuit-mile cost on distribution underground inspections because the use of inspection is an enclosure, padlock, subsurface walk, method, and so on. We expect to spend \$1.2 million for distribution underground inspections and patrol systems-wide in 2023. In distribution, we expect to spend \$2.4 million for distribution underground asset maintenance systems-wide in 2023. Do not include costs for distribution underground line inspection and maintenance costs in HFTDs and non-HFTD areas that are the responsibility of other entities.</p> <p>4) We used the following assumptions in calculating the per-circuit-mile inspection cost for overhead conductor in HFTD: We expect to spend 2.7 million for distribution overhead conductor inspections in HFTDs in 2023. This includes the following for the HFTD: 1) We expect to spend \$1.2 million for distribution overhead conductor inspection, patrol, and patrol inspection. We expect to spend \$1.5 million for overhead asset maintenance in HFTDs in 2023, as part of the following assumptions in calculating the per-circuit-mile maintenance cost for distribution overhead assets in HFTD: We expect to spend approximately 11.110 circuit-miles of overhead distribution conductor in HFTDs in 2023, as part of the following assumptions in calculating the per-circuit-mile maintenance cost for distribution overhead assets in HFTD: We expect to spend \$24.6 million for distribution overhead asset maintenance in HFTDs in 2023. We only included the maintenance costs associated with general overhead Electric Corrosive (EC) Notifications. These costs are tracked at the Maintenance Activity Type (MAT) level, not detailed by asset type, so we could not extract the costs associated with conductor only EC Notifications. As such, the maintenance costs we list for all assets in the HFTDs. Proactive asset replacement programs were not included (e.g. pole replacements, transformer replacements, overhead equipment replacements, etc.) System hardening program was not included. We expect to spend \$34.6 million for distribution overhead asset maintenance in HFTDs in 2023. We have approximately 21,020 circuit-miles of overhead distribution in HFTDs.</p>	Holly Wetman	4/25/2023	4/26/2023	4/26/2023	https://www.pge.com/globalassets/2023/capex/2023-2025-wmp/2023-2025-wmp-19-g2.pdf	0	NA	8.1.5	Asset Management and Inspection Systems (AMIS)	NA
261	CAIPA	Set WMP-19	CAIPA_Set WMP-19_G3	3	CAIPA_Set WMP-19_G3	<p>a) State the total costs that PG&E incurred in 2022 for asset inspections and maintenance on covered conductor distribution lines installed in the HFTD.</p> <p>b) State the total number of circuit-miles of covered conductor distribution lines that PG&E had in the HFTD as of January 1, 2022.</p> <p>c) State the total costs that PG&E incurred in 2022 for asset inspections and maintenance on underground distribution lines installed in the HFTD.</p> <p>d) State the total number of circuit-miles of underground distribution lines that PG&E had in the HFTD as of January 1, 2022.</p> <p>e) State the total costs that PG&E incurred in 2022 for asset inspections and maintenance on bare overhead distribution lines installed in the HFTD.</p> <p>f) State the total number of circuit-miles of bare overhead distribution lines that PG&E had in the HFTD as of January 1, 2022.</p>	<p>1) In response to 2022 WMP Discovery, Cal Advisees Q2R, Question 3, provided on August 1, 2022, we reported our total asset inspection and maintenance costs for covered conductor distribution lines installed in the HFTD. We do not differentiate costs between covered and bare conductor, as these costs are for all assets in the HFTD. Further, we only included the maintenance costs associated with general overhead Electric Corrosive (EC) Notifications. These costs are tracked at the Maintenance Activity Type (MAT) level, not detailed by asset type, so we could not extract the costs associated with conductor only EC Notifications. In addition, the costs for our proactive asset replacement programs were not included.</p> <p>2) We expect to spend \$24.6 million for distribution overhead asset maintenance in HFTDs in 2023. We only included the maintenance costs associated with general overhead Electric Corrosive (EC) Notifications. These costs are tracked at the Maintenance Activity Type (MAT) level, not detailed by asset type, so we could not extract the costs associated with conductor only EC Notifications. As such, the maintenance costs we list for all assets in the HFTDs. Proactive asset replacement programs were not included (e.g. pole replacements, transformer replacements, overhead equipment replacements, etc.) System hardening program was not included. We expect to spend \$34.6 million for distribution overhead asset maintenance in HFTDs in 2023. We have approximately 21,020 circuit-miles of overhead distribution in HFTDs.</p>	Holly Wetman	4/25/2023	4/26/2023	4/26/2023	https://www.pge.com/globalassets/2023/capex/2023-2025-wmp/2023-2025-wmp-19-g3.pdf	0	NA	8.1.2	Grid Design, Operations, and Maintenance	Grid Design and System Hardening
261	CAIPA	Set WMP-19	CAIPA_Set WMP-19_G3a	3a	CAIPA_Set WMP-19_G3a	<p>a) State the total costs that PG&E incurred in 2022 for asset inspections and maintenance on covered conductor distribution lines installed in the HFTD.</p> <p>b) State the total number of circuit-miles of covered conductor distribution lines that PG&E had in the HFTD as of January 1, 2022.</p> <p>c) State the total costs that PG&E incurred in 2022 for asset inspections and maintenance on underground distribution lines installed in the HFTD.</p> <p>d) State the total number of circuit-miles of underground distribution lines that PG&E had in the HFTD as of January 1, 2022.</p> <p>e) State the total costs that PG&E incurred in 2022 for asset inspections and maintenance on bare overhead distribution lines installed in the HFTD.</p> <p>f) State the total number of circuit-miles of bare overhead distribution lines that PG&E had in the HFTD as of January 1, 2022.</p>	<p>1) In response to 2022 WMP Discovery, Cal Advisees Q2R, Question 3, provided on August 1, 2022, we reported our total asset inspection and maintenance costs for covered conductor distribution lines installed in the HFTD. We do not differentiate costs between covered and bare conductor, as these costs are for all assets in the HFTD. Further, we only included the maintenance costs associated with general overhead Electric Corrosive (EC) Notifications. These costs are tracked at the Maintenance Activity Type (MAT) level, not detailed by asset type, so we could not extract the costs associated with conductor only EC Notifications. In addition, the costs for our proactive asset replacement programs were not included.</p> <p>2) We expect to spend \$24.6 million for distribution overhead asset maintenance in HFTDs in 2023. We only included the maintenance costs associated with general overhead Electric Corrosive (EC) Notifications. These costs are tracked at the Maintenance Activity Type (MAT) level, not detailed by asset type, so we could not extract the costs associated with conductor only EC Notifications. As such, the maintenance costs we list for all assets in the HFTDs. Proactive asset replacement programs were not included (e.g. pole replacements, transformer replacements, overhead equipment replacements, etc.) System hardening program was not included. We expect to spend \$34.6 million for distribution overhead asset maintenance in HFTDs in 2023. We have approximately 21,020 circuit-miles of overhead distribution in HFTDs.</p>	Holly Wetman	4/25/2023	5/10/2023	5/10/2023	https://www.pge.com/globalassets/2023/capex/2023-2025-wmp/2023-2025-wmp-19-g3a.pdf	0	NA	8.1.2	Grid Design, Operations, and Maintenance	Grid Design and System Hardening
262	CAIPA	Set WMP-19	CAIPA_Set WMP-19_G4	4	CAIPA_Set WMP-19_G4	<p>a) In 2023, what is the average per-circuit-mile cost that PG&E expects to incur for vegetation management for an underground distribution line installed in the HFTD?</p> <p>b) In 2023, what is the average per-circuit-mile cost that PG&E expects to incur for vegetation management for an overhead distribution line installed in the HFTD?</p>	<p>1) PG&E is amending subject 2, 4 and 5 of our original response. Although there is not a specific method in GIS to distinguish covered and bare conductor, we were able to allow the conductor type codes to differentiate between covered and bare conductors.</p> <p>2) In 2022, we spent \$241 million for asset inspections and maintenance on distribution overhead lines installed in the HFTD. We do not differentiate costs between covered and bare conductor, so these costs are for all assets in the HFTD. Further, we only included the maintenance costs associated with general overhead Electric Corrosive (EC) Notifications. These costs are tracked at the Maintenance Activity Type (MAT) level, not detailed by asset type, so we could not extract the costs associated with conductor only EC Notifications. In addition, the costs for our proactive asset replacement programs were not included.</p> <p>3) PG&E issued the data published in January 2022 for the Energy Safety's Spatial Quality Data (SQD), Cal Advisees Q2R, Question 3, provided on August 1, 2022. We expect to spend \$24.6 million for distribution overhead asset maintenance in HFTDs in 2023. We only included the maintenance costs associated with general overhead Electric Corrosive (EC) Notifications. These costs are tracked at the Maintenance Activity Type (MAT) level, not detailed by asset type, so we could not extract the costs associated with conductor only EC Notifications. As such, the maintenance costs we list for all assets in the HFTDs. Proactive asset replacement programs were not included (e.g. pole replacements, transformer replacements, overhead equipment replacements, etc.) System hardening program was not included. We expect to spend \$34.6 million for distribution overhead asset maintenance in HFTDs in 2023. We have approximately 21,020 circuit-miles of overhead distribution in HFTDs.</p>	Holly Wetman	4/25/2023	4/26/2023	4/26/2023	https://www.pge.com/globalassets/2023/capex/2023-2025-wmp/2023-2025-wmp-19-g4.pdf	0	NA	8.2	Vegetation Management and Inspections	NA
263	CAIPA	Set WMP-19	CAIPA_Set WMP-19_G5	5	CAIPA_Set WMP-19_G5	<p>a) State the total costs that PG&E incurred in 2022 for vegetation management on overhead distribution lines in the HFTD.</p> <p>b) State the total number of circuit-miles of overhead distribution lines that PG&E had in the HFTD as of January 1, 2022.</p> <p>c) State the total costs that PG&E incurred in 2022 for vegetation management on underground distribution lines in the HFTD.</p> <p>d) State the total number of circuit-miles of underground distribution lines that PG&E had in the HFTD as of January 1, 2022.</p>	<p>1) We do not separately track costs incurred in HFTD vs. Non-HFTD for vegetation management on overhead distribution lines.</p> <p>2) We do not separately track costs incurred in HFTD vs. Non-HFTD for vegetation management on underground distribution lines.</p>	Holly Wetman	4/25/2023	4/26/2023	4/26/2023	https://www.pge.com/globalassets/2023/capex/2023-2025-wmp/2023-2025-wmp-19-g5.pdf	0	NA	8.2	Vegetation Management and Inspections	NA
264	CAIPA	Set WMP-19	CAIPA_Set WMP-19_G6	6	CAIPA_Set WMP-19_G6	<p>a) Please describe the vegetation management activities that PG&E currently undertakes on rights-of-way with underground lines in the HFTD.</p> <p>b) Please describe any strategic PG&E plans to make during the 2023-2025 WMP period regarding the vegetation management activities that PG&E plans to undertake on rights-of-way with underground lines in the HFTD.</p> <p>c) Please provide any publicly accessible, or made available, PG&E's approach to vegetation management where PG&E has underground lines in the HFTD.</p>	<p>1) Within there are no overhead electric facilities, we do not conduct routine vegetation maintenance. As part of GO 166, the PG&E System Inspection program can identify vegetation work for plant clearing and maintenance for overhead transformers and other electrical equipment.</p> <p>2) Not applicable.</p> <p>3) Not applicable.</p>	Holly Wetman	4/25/2023	4/26/2023	4/26/2023	https://www.pge.com/globalassets/2023/capex/2023-2025-wmp/2023-2025-wmp-19-g6.pdf	0	NA	8.2	Vegetation Management and Inspections	NA
265	CAIPA	Set WMP-19	CAIPA_Set WMP-19_G7	7	CAIPA_Set WMP-19_G7	<p>a) State the total costs that PG&E incurred in 2022 for vegetation management on overhead distribution lines in the HFTD.</p> <p>b) State the total number of circuit-miles of overhead distribution lines that PG&E had in the HFTD as of January 1, 2022.</p> <p>c) State the total costs that PG&E incurred in 2022 for vegetation management on underground distribution lines in the HFTD.</p> <p>d) State the total number of circuit-miles of underground distribution lines that PG&E had in the HFTD as of January 1, 2022.</p>	<p>1) The plan only applies to tags in PFRANFTD areas because these areas constitute 95% of the wildfire risk in our service territory.</p> <p>2) We are in the process of creating a plan for eliminating our backlog of tags outside of our PFRANFTD areas. Given that the PFRANFTD areas comprise 95% of the wildfire risk in our service territory, we are prioritizing this work in other related risk wildfire risk as quickly and efficiently as possible.</p> <p>3) Please see the response to subject (b) above.</p>	Holly Wetman	4/25/2023	4/26/2023	4/26/2023	https://www.pge.com/globalassets/2023/capex/2023-2025-wmp/2023-2025-wmp-19-g7.pdf	0	NA	8.1.7.2	Open Work Orders	Open Work Orders - Distribution Tags
266	CAIPA	Set WMP-19	CAIPA_Set WMP-19_G8	8	CAIPA_Set WMP-19_G8	<p>a) State the total costs that PG&E incurred in 2022 for vegetation management on overhead distribution lines in the HFTD.</p> <p>b) State the total number of circuit-miles of overhead distribution lines that PG&E had in the HFTD as of January 1, 2022.</p> <p>c) State the total costs that PG&E incurred in 2022 for vegetation management on underground distribution lines in the HFTD.</p> <p>d) State the total number of circuit-miles of underground distribution lines that PG&E had in the HFTD as of January 1, 2022.</p>	<p>1) "Ignition Risk" notifications are maintenance tags that have been determined to have some form of ignition risk as a result of the non-compliance identified on the tag (e.g., conductor or structural support deficiencies). This was identified by a combination of wildfire risk models to calculate the wildfire risk for each notification. Each notification contains one or multiple Risk Priority Change Action (RPCA) codes for determining the associated issue. A team of subject matter experts from Asset Strategy, Wildlife Risk Management, and Standards/Work Methods reviewed each notification (RPCA) and updated them with the following categories:</p> <p>1. No - Not Ignition Risk: This tag has no probability of ignition.</p> <p>2. Yes - Ignition Risk, and then mapped to an associated wildfire risk model (e.g., Conductor composite model, support structure failure model, vegetation composite model). Then the associated wildfire risk score is calculated for the area based on the assigned risk model.</p> <p>3. Any notification with a greater than zero wildfire risk score is considered an ignition risk notification.</p> <p>4) Yes, there are some instances where a non-ignition tag can pose a public safety hazard. However, the circumstances of these issues identified do not comply with a label that could lead to a spark or ignition likelihood, which could cause a wildfire. For example, a tag for a non-ignition tag would be missing high voltage used to energize a public safety area. The most common example of a non-ignition tag would be missing high voltage used to energize a public safety area.</p> <p>5) While this is some public safety hazard associated with awareness of high voltages around our lines, these do not pose a direct impact to the public safety of our assets causing harm to the public.</p> <p>6) Missing high voltage signs, missing safety signs on poles, broken shrouds, and damaged pole labels that need to be replaced are examples of non-ignition tags that could potentially pose a public safety hazard. However, given the available information, we cannot predict to any single circumstances that can pose a public safety hazard.</p>	Holly Wetman	4/25/2023	4/26/2023	4/26/2023	https://www.pge.com/globalassets/2023/capex/2023-2025-wmp/2023-2025-wmp-19-g8.pdf	0	NA	8.1.7.2	Open Work Orders	Open Work Orders - Distribution Tags
267	CAIPA	Set WMP-19	CAIPA_Set WMP-19_G9	9	CAIPA_Set WMP-19_G9	<p>a) State the total costs that PG&E incurred in 2022 for vegetation management on overhead distribution lines in the HFTD.</p> <p>b) State the total number of circuit-miles of overhead distribution lines that PG&E had in the HFTD as of January 1, 2022.</p> <p>c) State the total costs that PG&E incurred in 2022 for vegetation management on underground distribution lines in the HFTD.</p> <p>d) State the total number of circuit-miles of underground distribution lines that PG&E had in the HFTD as of January 1, 2022.</p>	<p>1) We assess the need to position weather stations in canyons, but not specifically in response to this report. The external report did not provide specific guidance on where to place weather stations. Therefore, we currently do not have the need to position additional weather stations during this year of the program and install weather stations where appropriate.</p> <p>2) Please see the response to subject (a) above. The tag of new weather station locations is a routine part of the program and not a unique assessment that can be provided.</p> <p>3) Yes, this is part of our routine program.</p>	Holly Wetman	4/25/2023	4/26/2023	4/26/2023	https://www.pge.com/globalassets/2023/capex/2023-2025-wmp/2023-2025-wmp-19-g9.pdf	0	NA	Appendix D	Appendix D - Areas for Continued Improvement	ACI PG&E-22-10 - Justification of Weather Station Network Density
268	CAIPA	Set WMP-19	CAIPA_Set WMP-19_G10	10	CAIPA_Set WMP-19_G10	<p>a) State the total costs that PG&E incurred in 2022 for vegetation management on overhead distribution lines in the HFTD.</p> <p>b) State the total number of circuit-miles of overhead distribution lines that PG&E had in the HFTD as of January 1, 2022.</p> <p>c) State the total costs that PG&E incurred in 2022 for vegetation management on underground distribution lines in the HFTD.</p> <p>d) State the total number of circuit-miles of underground distribution lines that PG&E had in the HFTD as of January 1, 2022.</p>	<p>1) The statement referenced was to simply point out that the System Hardening Program is made up of a suite of mitigation programs including Covered Conductors, Review Grid, Renewal, and Underground. The costs associated with the overhead hardening programs recorded were bundled into similar categories of our overhead hardening portfolio of our System Hardening Program. There are no additional costs associated with overhead hardening that were excluded from Table 22-11.3.</p> <p>2) Not applicable.</p>	Holly Wetman	4/25/2023	4/26/2023	4/26/2023	https://www.pge.com/globalassets/2023/capex/2023-2025-wmp/2023-2025-wmp-19-g10.pdf	0	NA	Appendix D	Appendix D - Areas for Continued Improvement	ACI PG&E-22-11 - Covered Conductor Effectiveness Lessons Learned
269	CAIPA	Set WMP-19	CAIPA_Set WMP-19_G11	11	CAIPA_Set WMP-19_G11	<p>a) State the total costs that PG&E incurred in 2022 for vegetation management on overhead distribution lines in the HFTD.</p> <p>b) State the total number of circuit-miles of overhead distribution lines that PG&E had in the HFTD as of January 1, 2022.</p> <p>c) State the total costs that PG&E incurred in 2022 for vegetation management on underground distribution lines in the HFTD.</p> <p>d) State the total number of circuit-miles of underground distribution lines that PG&E had in the HFTD as of January 1, 2022.</p>	<p>1) We do not have a threshold in SVRSE that we use to determine that covered conductor is a more suitable mitigation than underground. SVRSE helps provide ranking of locations which have higher risk based on wildfire to mitigate wildfire risk compared to other locations and is used to assess risk for underground. Regarding the reduction in mitigation cost for underground and underground, the overall consideration of the amount of the reduction in mitigation provides to compare underground, the amount of total risk is usually reduced while covered conductor does not fully reduce risk.</p> <p>2) No, this is not currently a threshold of SVRSE that we use to determine that underground is not a suitable mitigation. In these early stages of our assessment system, we are not able to determine that underground is not a suitable mitigation in the highest risk areas as defined in Section 6.1.2 of the 2023-2025 WMP, which include high voltage areas, as well as areas of high wildfire risk, high population density, and areas with high public safety hazard. We are exploring the potential use of a threshold based on the cost benefit of the investment and the risk reduction benefits, as part of our longer term program.</p> <p>3) SVRSE is one of the first steps in identifying risks for Underground. When we scope a location for underground, we review adjacent circuit segments for consideration beyond wildfire. For example, if there is potential to remove PG&E or EP&S impact on top of the existing wildfire risk at these nearby adjacent circuit segments, we will consider separating the scope of the underground project to address these needs. Additionally, there are other areas in which we may underground for general, for the label.</p>	Holly Wetman	4/25/2023	4/26/2023	4/26/2023	https://www.pge.com/globalassets/2023/capex/2023-2025-wmp/2023-2025-wmp-19-g11.pdf	0	NA	Appendix D	Appendix D - Areas for Continued Improvement	ACI PG&E-22-04 - Review Process of Purchasing Wildfire Mitigation

340	OEIS	004	OEIS_004	14	OEIS_004_014	<p>Regarding POGE's Use of Overhead Conductor Detection (OCD) and Partial Voltage Detection (PVD)</p> <p>a. Provide any analysis completed on reliability impacts due to OCD, including:</p> <ol style="list-style-type: none"> The number of outages that occurred due to OCD in 2022 and 2023. The number of outages broken down by cause based on ignition drivers listed in Table 6 of the QDR that occurred due to OCD in 2022 and 2023. Criteria used for OCD enforcement (if applicable). The number of customer service requests received from OCD outages. <p>b. Any mitigation POGE is using to reduce reliability impacts from OCD implementation, including lessons learned from any shoring.</p> <p>c. When evaluating outages due to EPSS, are OCD and PVD outages included as part of that evaluation?</p> <p>d. If so, what is the number of additional outages caused by PVD and OCD respectively in 2022?</p> <p>e. If not, how does POGE account for and track any associated reliability and safety impacts from OCD and PVD implementation, and how does that inform changes to the test program?</p>	<p>in Table 6 of May 4th, 2023 for 2022-2023 OCD Outages:</p> <ol style="list-style-type: none"> 17 outages have occurred with OCD settings enabled. The table below matches outage causes to the Ignition Drivers used in Table 6 of the 2022 QDR Quarterly Data Report. OCD is an additional protection element as part of EPSS. POGE will enable OCD on eligible devices when EPSS is enabled to help detect near current fault conditions. 4,723,258 Miles. <p>b. OCD outages and circuits are already considered in our existing EPSS Reliability Program. Specific to OCD, POGE is testing more specific OCD settings on circuits to, where feasible, increase identification of single phase faults that will reduce outage rates and restoration times while maintaining the ignition-traction benefit. In addition, a class of protection cause OCD outages, or with multiple OCD outages on single device, our existing and current protection horizontal protection settings and the protection settings of those devices.</p> <p>c. Date of May 4th, 2023 for 2022-2023 Partial Voltage Outage (PVD):</p> <ol style="list-style-type: none"> 33 outages have occurred from PVD. The table below matches outage causes by circuit based on ignition drivers listed in Table 6 of the QDR that occurred due to PVD in 2022 is shown below. WMP-Overseer2023_DR_OEIS_004-Q01 Page 3 Partial Voltage Fence Out is a manual action taken by a distribution control center operator in response to more than one partial voltage alarm detected at the bus level or above. 0,648,970 miles. <p>d. These circuits are included in the scope of POGE's existing EPSS Reliability Mitigation programs. In addition, POGE's PV alarm configuration is designed to prevent nuisance alerts from transient conditions by sending the distribution control center operator a PV alarm when multiple meters aggregating to a bus level indicate a partial voltage condition, and further we will clear PV alarms if normal voltages return.</p> <p>e. Yes. A "OCD outage" is an EPSS outage. POGE also evaluates PVD outages. POGE regularly reports to the Board on the status of reliability and safety programs. POGE does not use a "risk-informed prioritization" when selecting wildfire mitigation. As described through the 2023 2023 WMP, and quantified in Section 17.1.2, we began developing our list of proposed mitigations by analyzing risk events, risk drivers, and consequences. Subject to and without meeting these objectives, POGE responses are as follows:</p> <p>Please see attachment "WMP-Overseer2023_DR_OEIS_004-Q01-54601.pdf". This decision tree reflects the process we follow to further analyze our highest risk underpinning circuits included in the WMP. The process, as shown on the decision tree attachment and described below, is split into four key phases:</p> <ol style="list-style-type: none"> Circuit Segment Risk Ranking (based on First Probable Circuit Segments in the location where wildfire risk is the highest based on the latest fireline distribution risk model (currently WDRM v2). Circuit Selection Prioritization Process (blue boxes). Then identify identified environmental conditions that present the highest feasibility (efficiency WFE) by circuit segment to prioritize undergrounding the location where WFE is the highest. Feasibility Study (green boxes). First, we confirm the segment identified is already completed or included in existing work. Then, engineering review identifies opportunities to improve economics and mitigate additional impacts, including opportunities to mitigate PSPS or EPSS impacts, identifying opportunities to underground, or otherwise (i.e., identifying alternatives such as overhead, remote grid or hybrid), and confirming there are any other changes to be electric devices. Field Scoping (orange boxes). Field scoping then takes place, which is focused on identifying opportunities for the proposed project, and determining if a scale or scope change is needed. If so, an alternative route is developed. Then, we sequence fieldwork tasks and begin the planning for work. An overview in the 2023 WMP Fig. 562, POGE evaluated the statistical significance of the way of risk reduction from this table, which is based on the 2023 WMP. 	Colin Lang	5/4/2023	5/9/2023	5/9/2023	https://www.wa.gov/energy/publications/epss/epss-overseer-2023-05-04-01-54601.pdf https://www.wa.gov/energy/publications/epss/epss-overseer-2023-05-04-01-54601.pdf https://www.wa.gov/energy/publications/epss/epss-overseer-2023-05-04-01-54601.pdf	0	NA	8.1.2.10.1	Grid Design and System Hardware	Overhead Conductor Detection Devices
341	OEIS	004	OEIS_004	15	OEIS_004_015	<p>Regarding Feasibility Constraints</p> <p>1. Provide an explanation of any of all of feasibility constraints impact the decision making of the Wildlife Governance Steering Committee in selecting a portfolio of mitigation measures that deviates from the risk informed mitigation program.</p> <p>2. A breakdown of explanation of decision making as processed by the Wildlife Governance Steering Committee.</p> <p>3. The correlation between WFE and feasibility.</p> <p>4. Any associated ability to prioritize due to implementing feasibility constraints.</p> <p>5. A list of any projects not included within US scope due to feasibility constraints.</p>	<p>1. Provide an explanation of any of all of feasibility constraints impact the decision making of the Wildlife Governance Steering Committee in selecting a portfolio of mitigation measures that deviates from the risk informed mitigation program.</p> <p>2. A breakdown of explanation of decision making as processed by the Wildlife Governance Steering Committee.</p> <p>3. The correlation between WFE and feasibility.</p> <p>4. Any associated ability to prioritize due to implementing feasibility constraints.</p> <p>5. A list of any projects not included within US scope due to feasibility constraints.</p>	Colin Lang	5/4/2023	5/9/2023	5/9/2023	https://www.wa.gov/energy/publications/epss/epss-overseer-2023-05-04-01-54601.pdf https://www.wa.gov/energy/publications/epss/epss-overseer-2023-05-04-01-54601.pdf https://www.wa.gov/energy/publications/epss/epss-overseer-2023-05-04-01-54601.pdf	1	Appendix D	Appendix D - Areas for Continued Improvement	ACI PG&E-22-34 - Review Process of Posturing Wildlife Mitigation	
342	OEIS	004	OEIS_004	16	OEIS_004_016	<p>Regarding Effectiveness of EPSS</p> <p>1. Provide the formulas and calculations used by POGE to determine the effectiveness of EPSS.</p> <p>2. Provide analysis demonstrating adequate overlap between EPSS risk and wildfire risk to ensure POGE's mitigations are directly addressing wildfire risk opposed to liability.</p> <p>3. Provide POGE's rationale for ensuring EPSS-directed mitigation measures, including safety and work hours affected around from wildfire risk mitigations. This should also include asset management related mitigations.</p>	<p>1. Provide the formulas and calculations used by POGE to determine the effectiveness of EPSS.</p> <p>2. Provide analysis demonstrating adequate overlap between EPSS risk and wildfire risk to ensure POGE's mitigations are directly addressing wildfire risk opposed to liability.</p> <p>3. Provide POGE's rationale for ensuring EPSS-directed mitigation measures, including safety and work hours affected around from wildfire risk mitigations. This should also include asset management related mitigations.</p>	Colin Lang	5/4/2023	5/9/2023	5/9/2023	https://www.wa.gov/energy/publications/epss/epss-overseer-2023-05-04-01-54601.pdf https://www.wa.gov/energy/publications/epss/epss-overseer-2023-05-04-01-54601.pdf https://www.wa.gov/energy/publications/epss/epss-overseer-2023-05-04-01-54601.pdf	2	NA	8.1.8.1.1	Grid Design, Operations, and Maintenance	Protective Equipment and Device Settings
343	OEIS	004	OEIS_004	17	OEIS_004_017	<p>Regarding POGE's Undergrounding Program</p> <p>1. Provide the cumulative V1 and C1 risk scores of the 2022 WMP vs. 2023 WMP undergrounding scope for 2023. This should not include nor account for feasibility.</p> <p>2. Provide the analysis on the remaining risk of the risks no longer scoped for undergrounding, including:</p> <ol style="list-style-type: none"> 1. Reason mitigations being put into place if accepted for undergrounding in the future. 2. The number of miles scoped for the future (year 2028). 3. Alternative mitigations being used if no longer scoped for undergrounding. 	<p>1. Provide the cumulative V1 and C1 risk scores of the 2022 WMP vs. 2023 WMP undergrounding scope for 2023. This should not include nor account for feasibility.</p> <p>2. Provide the analysis on the remaining risk of the risks no longer scoped for undergrounding, including:</p> <ol style="list-style-type: none"> 1. Reason mitigations being put into place if accepted for undergrounding in the future. 2. The number of miles scoped for the future (year 2028). 3. Alternative mitigations being used if no longer scoped for undergrounding. 	Colin Lang	5/4/2023	5/9/2023	5/10/2023	https://www.wa.gov/energy/publications/epss/epss-overseer-2023-05-04-01-54601.pdf https://www.wa.gov/energy/publications/epss/epss-overseer-2023-05-04-01-54601.pdf https://www.wa.gov/energy/publications/epss/epss-overseer-2023-05-04-01-54601.pdf	2	NA	8.1.2.2	Grid Design and System Hardware	Undergrounding of Electric Lines and/or Equipment - Distribution
344	TURN	012	TURN_012	1	TURN_012_01	<p>1. Please confirm that the Simplified Wildfire Risk Speed Efficiency (SWRSE) and Wildlife Feasibility Expenditure (WFE) measures discussed on page 68 of POGE's WMP.</p> <p>2. Are all WFE calculated by POGE for undergrounding projects, and:</p> <ol style="list-style-type: none"> a. Are the WFE calculated for the cost-effectiveness of undergrounding projects with any other projects? b. If POGE does not unequivocally agree with "a" and "b" above, please explain why it does not. 	<p>1. Please confirm that the Simplified Wildfire Risk Speed Efficiency (SWRSE) and Wildlife Feasibility Expenditure (WFE) measures discussed on page 68 of POGE's WMP.</p> <p>2. Are all WFE calculated by POGE for undergrounding projects, and:</p> <ol style="list-style-type: none"> a. Are the WFE calculated for the cost-effectiveness of undergrounding projects with any other projects? b. If POGE does not unequivocally agree with "a" and "b" above, please explain why it does not. 	Tom Long	5/5/2023	5/11/2023	5/11/2023	https://www.wa.gov/energy/publications/epss/epss-overseer-2023-05-04-01-54601.pdf https://www.wa.gov/energy/publications/epss/epss-overseer-2023-05-04-01-54601.pdf https://www.wa.gov/energy/publications/epss/epss-overseer-2023-05-04-01-54601.pdf	0	NA	Appendix D	Appendix D - Areas for Continued Improvement	ACI PG&E-22-34 - Review Process of Posturing Wildlife Mitigation

345	TURN	012	TURN_012	2	TURN_012_Q2	2. Comparing the wildfire mitigation work proposed in PG&E's WMP with the wildfire mitigation work proposed in PG&E's last year 2023 GRC (A.2.1.06-021). 3. Please describe any differences in wildfire mitigation program proposed or updates of wildfire mitigation work proposed between the WMP and GRC for the years 2023-2025, and 3a. For any differences (as described in subpart 3), please provide a table that shows, on a program by program basis, the WMP program, the GRC program, and a description of the differences between the two, including additional information in volume or units of work. The table should include any wildfire mitigation programs that are proposed in one of the proceedings but not in the other.	Tom Long	5/5/2023	5/1/2023	5/1/2023	0	NA	7.2.1	Wildfire Mitigation Strategy Development	Overview of Mitigation Initiatives and Activities
346	CPUC - SPD (Safety Policy Division)	004	CPUC - SPD (Safety Policy Division)_004	1	CPUC - SPD (Safety Policy Division)_004_01	1. SPSP generally understands that some ignitions may have been excluded at the time the data was submitted if the cause of the fire was unclear. 2. Data may have been considered since additional information was accepted. 3. Data may have been entered inconsistently between years, which makes it difficult to perform analysis. 4. Update the data to the actual number of acres burned rather than a range of acres. Before submitting final agreed-upon data to SPSP, please let us in confidence to discuss the ignition data available and the reported area data may be formatted to be more useful to SPSP.	Henry Swast	5/5/2023	5/1/2023	5/1/2023	1	NA	Appendix D	Appendix D - Areas for Continued Improvement	ACI PG&E-22-06 - Addressing Increases in Risk Events
347	CPUC - SPD (Safety Policy Division)	004	CPUC - SPD (Safety Policy Division)_004	2	CPUC - SPD (Safety Policy Division)_004_02	In addition to the data requested above, please add the following data columns for each ignition: 1. "PFTD" - Classify each ignition as whether it was located in a "Zone 1", "Zone 2" or "Zone 3", or "HotSpot". 2. "Fire Potential Index" - Provide the Fire Potential Index for the location on the day of each ignition.	Henry Swast	5/5/2023	5/1/2023	5/1/2023	0	NA	Appendix D	Appendix D - Areas for Continued Improvement	ACI PG&E-22-06 - Addressing Increases in Risk Events
348	CPUC - SPD (Safety Policy Division)	004	CPUC - SPD (Safety Policy Division)_004	3	CPUC - SPD (Safety Policy Division)_004_03	Provide the total number of circuit mile-days for each Fire Potential Index rating per year starting in 2014.	Henry Swast	5/5/2023	5/1/2023	5/1/2023	0	NA	8.3.6	Situational Awareness and Forecasting	Fire Potential Index
349	CPUC - SPD (Safety Policy Division)	004	CPUC - SPD (Safety Policy Division)_004_04	4	CPUC - SPD (Safety Policy Division)_004_04	Provide the total number of days per year for each Fire Potential Index rating for each Index Area starting in 2014.	Henry Swast	5/5/2023	5/1/2023	5/1/2023	0	NA	8.3.6	Situational Awareness and Forecasting	Fire Potential Index
350	CPUC - SPD (Safety Policy Division)	004	CPUC - SPD (Safety Policy Division)_004	5	CPUC - SPD (Safety Policy Division)_004_05	Provide the total number of circuit mile-days for each Fire Potential Index rating in the PFTD per year starting in 2014.	Henry Swast	5/5/2023	5/1/2023	5/1/2023	0	NA	8.3.6	Situational Awareness and Forecasting	Fire Potential Index
351	CPUC - SPD (Safety Policy Division)	004	CPUC - SPD (Safety Policy Division)_004	6	CPUC - SPD (Safety Policy Division)_004_06	Explain how the ability to normalize for the effect of weather and fuel conditions when understanding its performance each year on ignitions relates to changing weather and fuel conditions year over year.	Henry Swast	5/5/2023	5/1/2023	5/1/2023	0	NA	8.3.6	Situational Awareness and Forecasting	Fire Potential Index
352	CaMPA	Set WMP-24	CaMPA_Set WMP-24	1	CaMPA_Set WMP-24_Q1	In reference to your response to Question 11 of DR CA/InReview-PGE-2023-WMP-16, on the excel spreadsheet WMP-Chowhry2023_DR_016-Q011-A01011 (in Column (H) through (I)), please identify the circuits with OH to UC connection projects that have no adjacent circuits. In Column (F) (if any), please identify the adjacent circuits to the circuits with OH to UC connection projects in Table (a) through (c).	Holly Weisman	5/5/2023	5/1/2023	5/1/2023	2	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment
353	MGRA	Data Request No. 5	MGRA_Data Request No. 5	1	MGRA_Data Request No. 5_Q1	In the table source of this POI data the machine learning algorithm described in WDRM documentation? If not what other steps go into the POI?	Joseph Michal	5/1/2023	5/1/2023	5/1/2023	0	NA	6.4.1.1, 6.4.2	Risk Methodology and Assessment	Generalized Maps of Top Risk Areas Writes the HPFA Proposed Updates to HPFD
354	MGRA	Data Request No. 5	MGRA_Data Request No. 5	2	MGRA_Data Request No. 5_Q2	In the fire-gained POI distribution a result of the localization of specific historical outages, characteristics of assets or environment, or both?	Joseph Michal	5/1/2023	5/1/2023	5/1/2023	0	NA	6.4.1.1, 6.4.2	Risk Methodology and Assessment	Generalized Maps of Top Risk Areas Writes the HPFA Proposed Updates to HPFD
355	MGRA	Data Request No. 5	MGRA_Data Request No. 5	3	MGRA_Data Request No. 5_Q3	What of the following characteristics is known or expected to contribute to the fire-gained localization of POI shown above, and to what degree: a. Vegetation b. Tree density and height c. Asset health d. Asset age e. Fire-dominant vegetation history.	Joseph Michal	5/1/2023	5/1/2023	5/1/2023	0	NA	6.4.1.1, 6.4.2	Risk Methodology and Assessment	Generalized Maps of Top Risk Areas Writes the HPFA Proposed Updates to HPFD

372	CPUC - SPD (Safety Policy Division)	005	CPUC - SPD (Safety Policy Division)_005	1	CPUC - SPD (Safety Policy Division)_005_01	<p>1. Regarding cost-increase in PG&E's undergrounding and hardening mitigation relative projects, used in estimating cost efficiency and project feasibility as described in the 2023-2025 WMP (p. 340 and p. 056), to date and looking forward.</p> <p>2. What is the average cost per circuit mile for undergrounding in 2022, 2023, and 2020, in the HFTD, non-HFTD, and territories?</p> <p>3. What is the average cost per circuit mile expected in 2023, 2024, and 2025, in the HFTD, non-HFTD, and territories?</p> <p>4. For suburbs, a, b, explain expected, average year-over-year and changes.</p>	<p>PG&E uses the following table for average cost per circuit mile for undergrounding, split between base System Hardening undergrounding work and related work. All completed undergrounding circuit miles in 2022, 2021, and 2020 are in HFTD.</p> <table border="1" data-bbox="892 162 997 259"> <tr> <th>Year</th> <th>Total Cost (Average in \$M)</th> <th>Suburb LC Total Cost (Average in \$M)</th> </tr> <tr> <td>2022</td> <td>\$4.22</td> <td>\$4.22</td> </tr> <tr> <td>2021</td> <td>\$4.22</td> <td>\$4.22</td> </tr> <tr> <td>2020</td> <td>\$4.22</td> <td>\$4.22</td> </tr> </table> <p>PG&E's cost estimate, particularly for related to terrain in the Cedar and North Counties, are more conservative per mile than the base system hardening undergrounding because of a wide range of conditions, including terrain, and other factors in these environments (e.g., expedited timelines, accelerated permitting, geographic terrain).</p> <p>The current forecasted average cost per circuit mile for undergrounding, including the Related and Base LCs, is \$3.70 million in 2023, \$3.15 million in 2024, and \$2.80 million in 2025. All planned undergrounding projects are in HFTD or high risk areas (HFRA).</p> <p>As shown in the responses to a, b, and c, the year-over-year cost has generally decreased, and is expected to further decrease, due to multiple factors as we scale the program, including but not limited to:</p> <ul style="list-style-type: none"> Economies of scale as the program knowledge and familiarity grows with our internal crews, contractors, materials suppliers, designers and many others; Undergrounding process efficiencies through lessons learned; Updating standards for design and construction, such as writing the trench handbook. 	Year	Total Cost (Average in \$M)	Suburb LC Total Cost (Average in \$M)	2022	\$4.22	\$4.22	2021	\$4.22	\$4.22	2020	\$4.22	\$4.22	Kevin Miller	5/15/2023	6/12/2023	6/12/2023	https://www.sds.com.gov/efile/efile/communications/ci/2023/SPD_005_01	1	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution
Year	Total Cost (Average in \$M)	Suburb LC Total Cost (Average in \$M)																											
2022	\$4.22	\$4.22																											
2021	\$4.22	\$4.22																											
2020	\$4.22	\$4.22																											
373	CPUC - SPD (Safety Policy Division)	005	CPUC - SPD (Safety Policy Division)_005	2	CPUC - SPD (Safety Policy Division)_005_02	2. Provide the utility's cost estimate breakdown for undergrounding per mile. Provide the cost estimate in a commonly used cost-estimating format (e.g., Uniformat). If the utility uses a different format, provide internal documentation on that format as SPD can understand the cost estimate.	<p>PG&E has no main changes to our per mile cost forecasts related to CalTrans trench depth requirements. Planning CalTrans trench requirements is incorporated into individual project design packages.</p> <p>The approved 2023-2025 WMP LC cost table planned in the 2023-2028 Undergrounding Financial Plan (UCFP) LC cost table includes on program LCs.</p> <p>PG&E has determined that CalTrans trench depth requirements are unlikely to apply significantly to the project LCs. The cost estimate program LCs are likely to apply. WMP Engineers incorporate CalTrans trench depth requirements into the individual project design packages. The cost estimate program LCs incorporate CalTrans trench requirements for each of these projects, to the extent of identified LCs.</p> <p>PG&E has not considered these calculations, but is expected to be longer than overhead LCs. PG&E expects trench depth requirements to be longer than overhead long-term costs for operations and maintenance, vegetation management, and other LCs.</p> <p>The original estimated conversion of overhead to underground mileage (1.2%) was based on an estimated multiplier expected in April 2023. PG&E completed a manual review of 19 projects completed in 2022 to update this estimate. In these 19 projects, we reviewed approximately 527 overhead miles replaced by 79.2 underground miles. Based on this subset of data, which is generally consistent with the estimated conversion rate for our overall portfolio, we updated our estimate from underground to 1.3%. Please also see response to 2023 WMP Discovery TURN 005 LC, related file.</p>	Kevin Miller	5/15/2023	6/12/2023	6/12/2023	https://www.sds.com.gov/efile/efile/communications/ci/2023/SPD_005_02	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution												
374	CPUC - SPD (Safety Policy Division)	005	CPUC - SPD (Safety Policy Division)_005	3	CPUC - SPD (Safety Policy Division)_005_03	3. How is PG&E incorporating subsurface variability (e.g., encountering hard rock, soils, or other conditions presenting significant physical obstacles) into undergrounding cost calculations? Provide an example.	<p>PG&E recognizes that subsurface variability contributes to undergrounding cost, but does not incorporate a specific subsurface variability factor into its portfolio cost forecasts.</p> <p>For completed work, costs associated with subsurface variability are captured in the individual project level, which is incorporated into the average cost per mile of the portfolio. PG&E anticipates construction teams related to subsurface variability and how these issues can impact projects costs in PG&E Wildfire Mitigation Plan - WMP - Discovery2023_DR_CAR/NorthCoast_002-0001.</p>	Kevin Miller	5/15/2023	6/12/2023	6/12/2023	https://www.sds.com.gov/efile/efile/communications/ci/2023/SPD_005_03	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution												
375	CPUC - SPD (Safety Policy Division)	005	CPUC - SPD (Safety Policy Division)_005	4	CPUC - SPD (Safety Policy Division)_005_04	4. PG&E has stated that CalTrans trench depth requirements exceeded PG&E trench depth requirements. How has this impacted costs and planning? For planning purposes, what percentage of anticipated underground circuit miles will be impacted by the CalTrans trench depth requirements for 2023-2025?	<p>PG&E has not made changes to our per mile cost forecasts related to CalTrans trench depth requirements. Planning CalTrans trench requirements is incorporated into individual project design packages.</p> <p>The approved 2023-2025 WMP LC cost table planned in the 2023-2028 Undergrounding Financial Plan (UCFP) LC cost table includes on program LCs.</p> <p>PG&E has determined that CalTrans trench depth requirements are unlikely to apply significantly to the project LCs. The cost estimate program LCs are likely to apply. WMP Engineers incorporate CalTrans trench depth requirements into the individual project design packages. The cost estimate program LCs incorporate CalTrans trench requirements for each of these projects, to the extent of identified LCs.</p>	Kevin Miller	5/15/2023	6/12/2023	6/12/2023	https://www.sds.com.gov/efile/efile/communications/ci/2023/SPD_005_04	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution												
376	CPUC - SPD (Safety Policy Division)	005	CPUC - SPD (Safety Policy Division)_005	5	CPUC - SPD (Safety Policy Division)_005_05	5. How does service loss impact cost calculation?	<p>PG&E has not considered these calculations, but is expected to be longer than overhead LCs. PG&E expects trench depth requirements to be longer than overhead long-term costs for operations and maintenance, vegetation management, and other LCs.</p>	Kevin Miller	5/15/2023	6/12/2023	6/12/2023	https://www.sds.com.gov/efile/efile/communications/ci/2023/SPD_005_05	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution												
377	CPUC - SPD (Safety Policy Division)	005	CPUC - SPD (Safety Policy Division)_005	6	CPUC - SPD (Safety Policy Division)_005_06	6. What is the estimated multiplier for conversion from overhead (OH) line to underground (UG) line (e.g., 1.25 for OH converts to UG base LC)? 6. How was this conversion rate derived? 6. How was this established as the accepted operating average for project planning purposes?	<p>The original estimated conversion of overhead to underground mileage (1.2%) was based on an estimated multiplier expected in April 2023. PG&E completed a manual review of 19 projects completed in 2022 to update this estimate. In these 19 projects, we reviewed approximately 527 overhead miles replaced by 79.2 underground miles. Based on this subset of data, which is generally consistent with the estimated conversion rate for our overall portfolio, we updated our estimate from underground to 1.3%. Please also see response to 2023 WMP Discovery TURN 005 LC, related file.</p>	Kevin Miller	5/15/2023	6/12/2023	6/12/2023	https://www.sds.com.gov/efile/efile/communications/ci/2023/SPD_005_06	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution												
378	CPUC - SPD (Safety Policy Division)	005	CPUC - SPD (Safety Policy Division)_005	7	CPUC - SPD (Safety Policy Division)_005_07	7. On pilot projects completed to date: a) What is the total cost per mile? b) What is the breakdown of project costs per mile? SPD expects to see the following components made up of the total, although SPD understands they may not be broken down in the exact format: (Sourcing (e.g., primary line, secondary line, service drop)) (Design (e.g., labor, materials, other costs)) (Overhead (e.g., permits, contracts, long-lead materials)) (Construction (e.g., civil construction, electric construction)) (Other (e.g., direct expenses to homeowners or homeowners may complete work such as landscaping or road repair)	<p>In 2023, PG&E completed two pilot projects to deliver overhead primary construction to underground primary construction. The total all-in cost per mile for each pilot project is noted in the below table.</p> <table border="1" data-bbox="892 730 997 844"> <tr> <th>Project</th> <th>Total Cost (\$M)</th> </tr> <tr> <td>Project 1</td> <td>\$0.209980</td> </tr> <tr> <td>Project 2</td> <td>\$0.211548</td> </tr> </table> <p>PG&E breaks down actual costs slightly differently than the format suggested by SPD for the pilot projects. PG&E anticipates construction teams related to subsurface variability and how these issues can impact projects costs in PG&E Wildfire Mitigation Plan - WMP - Discovery2023_DR_CAR/NorthCoast_002-0001.</p>	Project	Total Cost (\$M)	Project 1	\$0.209980	Project 2	\$0.211548	Kevin Miller	5/15/2023	6/12/2023	6/12/2023	https://www.sds.com.gov/efile/efile/communications/ci/2023/SPD_005_07	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution						
Project	Total Cost (\$M)																												
Project 1	\$0.209980																												
Project 2	\$0.211548																												
379	CPUC - SPD (Safety Policy Division)	005	CPUC - SPD (Safety Policy Division)_005	8	CPUC - SPD (Safety Policy Division)_005_08	8. Please provide WMP-Discovery2023_DR_TURN_007-0001-14201CONF.xlsx, used to address TURN Data Request 8, Question 1, discussing RSE calculation for system hardening.	<p>Please see "WMP-Discovery2023_DR_TURN_007-0001-14201CONF.xlsx"</p>	Kevin Miller	5/15/2023	6/12/2023	6/12/2023	https://www.sds.com.gov/efile/efile/communications/ci/2023/SPD_005_08	1	NA	8.1.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution												
380	CPUC - SPD (Safety Policy Division)	005	CPUC - SPD (Safety Policy Division)_005	9	CPUC - SPD (Safety Policy Division)_005_09	9. On page 101 of the 2023-2025 WMP, PG&E states that the WDRM 4 ignition sources in "PG&E Historical Ignition Data, 2015-2021 (approximately 2,000 non-CFRC-representative ignitions and approximately 1,500 non-representative ignitions)." a) Describe how PG&E is using the ~1,500 non-CFRC-representative ignitions in its risk modeling. b) Provide the ~1,500 non-CFRC-representative ignitions data as a spreadsheet in format similar to the existing CFRC representative ignitions data (as in DR SPD_P&E_2023_004 and Wildfire and Wildfire Safety (e.g., user file Ignition Data)).	<p>In the PG&E Historical Ignition Data described on page 101 of PG&E's WMP is used as the training data for the probability of ignition model portion of the WDRM 4. For modeling, the date and end of the reported outage is used as the input.</p> <p>The approximately 1,500 non-CFRC-representative ignitions used in the development of the WDRM 4 are based on WMP-Discovery2023_DR_SPD_005-20200407.xlsx. This information has been aligned with the format used for the CFRC representative ignitions. In some cases, not all data is available for these ignitions.</p>	Kevin Miller	5/15/2023	6/12/2023	6/12/2023	https://www.sds.com.gov/efile/efile/communications/ci/2023/SPD_005_09	0	NA	8.2.1	Risk Methodology and Assessment	Risk and Risk Component Identification												
381	CPUC - SPD (Safety Policy Division)	006	CPUC - SPD (Safety Policy Division)_006	1	CPUC - SPD (Safety Policy Division)_006_01	1. After it was pointed out by SPD that there appeared to be a discrepancy in the methodologies used to calculate the risk mitigation effectiveness of EPIS, Undergrounding and Cover Construction (UC), PG&E stated that UC is probably the most "realistic" mitigation effectiveness as the effectiveness based on empirical data and across utility categories. EPIS is the second most realistic based on empirical data, and that UC is the least realistic mitigation effectiveness as its based largely on SME judgments. PG&E agreed to update its undergrounding mitigation effectiveness percentage calculations to account for secondary service drop ignitions. 2. Provide this analysis or provide an update on when this analysis will be finalized and the next analysis when it is finalized.	<p>PG&E notes that the calculation of risk mitigation effectiveness can be completed in various ways, and using different approaches to calculate risk mitigation effectiveness can result in different results. For example, the effectiveness of UC is calculated as the ratio of the number of ignitions avoided by UC to the total number of ignitions. PG&E's approach is based on an analysis of overhead hardened locations across multiple years of installation. In this case, the mitigation effectiveness calculation is based on empirical data and across utility categories. PG&E's approach is based on an analysis of overhead hardened locations across multiple years of installation, and not on other areas beyond where the undergrounding takes place. This model may appear to be more conservative because it only accounts for ignitions that are not being undergrounded. PG&E has considered providing more detail on the methodology used for this analysis, such as "Undergrounding to SPD, effective in mitigating ignitions on all non-CFRC-representative ignitions that are being undergrounded." However, PG&E already receives feedback from customers, effectively through, regulatory, and other means to keep customer feedback transparent and easy to digest. Semi-annual feedback via "Electric Distribution Survey" and other means of the phone, has not clearly resulted in customer communications and will have to be worked and reviewed to ensure it is helpful and that the customer can clearly understand the information being provided.</p> <p>PG&E notes that PG&E will evaluate this language through testing against other models of the same type. PG&E will also evaluate this language through testing against other models of the same type. PG&E will also evaluate this language through testing against other models of the same type.</p>	Kevin Miller	5/17/2023	5/23/2023	5/23/2023	https://www.sds.com.gov/efile/efile/communications/ci/2023/SPD_006_01	0	NA	8.1.1.1	Grid Design, Operations, and Maintenance	Protective Equipment and Device Settings												
382	CPUC - SPD (Safety Policy Division)	006	CPUC - SPD (Safety Policy Division)_006	2	CPUC - SPD (Safety Policy Division)_006_02	2. PG&E stated that PG&E is addressing the risk from secondary lines and service drops in part by replacing secondary lines with covered conductors and steel towers at service drops. PG&E is responding to Question 4 of SPD_P&E_2024_003 for additional description. PG&E also stated that there may need to be a third option for secondary lines, that is, undergrounding secondary lines in a trench. PG&E is aware of this option. PG&E is aware of this option. PG&E is aware of this option. PG&E is aware of this option.	<p>As discussed during a staff meeting with SPD on May 3, 2023, PG&E currently includes a trenching option for secondary lines and in customer materials that "Pricing method provides undergrounded secondary line risks by approximately 30% to 40% reduction." PG&E intended the phrase "to be located" to articulate that the 30% risk reduction applies to the areas, not the street segments, actually being undergrounded, and not to other areas beyond where the undergrounding takes place. This model may appear to be more conservative because it only accounts for ignitions that are not being undergrounded. PG&E has considered providing more detail on the methodology used for this analysis, such as "Undergrounding to SPD, effective in mitigating ignitions on all non-CFRC-representative ignitions that are being undergrounded." However, PG&E already receives feedback from customers, effectively through, regulatory, and other means to keep customer feedback transparent and easy to digest. Semi-annual feedback via "Electric Distribution Survey" and other means of the phone, has not clearly resulted in customer communications and will have to be worked and reviewed to ensure it is helpful and that the customer can clearly understand the information being provided.</p> <p>PG&E notes that PG&E will evaluate this language through testing against other models of the same type. PG&E will also evaluate this language through testing against other models of the same type. PG&E will also evaluate this language through testing against other models of the same type.</p>	Kevin Miller	5/17/2023	5/23/2023	5/23/2023	https://www.sds.com.gov/efile/efile/communications/ci/2023/SPD_006_02	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution												

397	CPUC - SPD (Safety Policy Division)	009	CPUC - SPD (Safety Policy Division)_009	4	CPUC - SPD (Safety Policy Division)_009_04	<p>PG&E is able to verify that a message was delivered to the phone number and/or email address on file for the customer of record associated with the premises identified as impacted by a potential PSPS, EPSS outage, and/or outage due to a wildfire. Phone numbers and email addresses are requested at the time an account is established and are verified when a customer logs into My Account at pg&e.com on an annual basis and/or if a customer speaks with a Contact Center Customer Service Representative (CSR) and has not verified contact information in the past 60 days of CSR. To ensure we have the most updated contact information for customers of record, wildfire safety-related outreach material includes a standard call to action to update contact information. In addition, Business Energy Solutions Account Representatives, critical facilities and infrastructure, telecommunications and water providers and transmission level entities in high risk areas and likely to be impacted by PSPS and/or EPSS annually to confirm contact information for the purposes of outage notification. Contact information is updated via email and verified through a regular engagement by the AFN Outreach and Promotion team. Customers that are MBL and/or DIV customers to specific changes via email and email to encourage correct information. We also conduct a weekly review of delivery records to ensure we are providing correct information as documented in our Customer Care and Billing System (CCBS). Additionally, we coordinate contact information updates through our other program applications (e.g., CAREPERA and related) to run a daily sync between our Switching Application used to process these program applications and MBL database within the CCBS system. These weekly and daily processes are conducted year-round to help ensure the MBL and DIV information is current. Local and state agencies and first responders are engaged by Local Government Affairs and Public Safety Specialists annually to confirm contact information for emergency response for the purposes of outage notification.</p> <p>The MBL and DIV customers we send email communication either by email or a postcard (if an email address is not provided by the customer) between March and August. To enhance the experience of having up-to-date contact information on file and encourage them to provide an alternative means of contact for PSPS notifications, MBL and DIV information is updated automatically and in real-time when a customer logs into their PG&E account and updates their information or when it is provided to a PG&E representative.</p> <p>Requests to change contact information can be changed by customers via our website, when updates are processed by our department through the registration changes. For example, contact information can be changed by customers via our website, when updates are processed by our department through the registration changes. For example, contact information can be changed by customers via our website, when updates are processed by our department through the registration changes. For example, contact information can be changed by customers via our website, when updates are processed by our department through the registration changes.</p>	Kevin Miller	6/20/2023	6/8/2023	6/7/2023	https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify	0	NA	8.4.1	Emergency Preparedness	Protocols for Emergency Communications
398	CPUC - SPD (Safety Policy Division)	009	CPUC - SPD (Safety Policy Division)_009	5	CPUC - SPD (Safety Policy Division)_009_05	<p>SPG&E issues notifications to AFNMB responders. How does PG&E know that these notifications are received and that contact information is up to date?</p> <p>Does PG&E have a way to corroborate/periodically verify that the contact information on file is current to help ensure such important notices are being received by the intended recipient?</p> <p>SPG&E issues notifications to AFNMB responders. How does PG&E know that these notifications are received and that contact information is up to date? Does PG&E have a way to corroborate/periodically verify that the contact information on file is current to help ensure such important notices are being received by the intended recipient?</p> <p>SPG&E issues notifications to AFNMB responders. How does PG&E know that these notifications are received and that contact information is up to date? Does PG&E have a way to corroborate/periodically verify that the contact information on file is current to help ensure such important notices are being received by the intended recipient?</p>	Kevin Miller	6/20/2023	6/8/2023	6/7/2023	https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify	0	NA	8.5.3	Community Outreach and Engagement	Engagement With Access and Functional Needs Populations
399	CPUC - SPD (Safety Policy Division)	009	CPUC - SPD (Safety Policy Division)_009	6	CPUC - SPD (Safety Policy Division)_009_06	<p>PG&E monitors pre-pandemic in-person engagement. Does PG&E have data comparing pre-pandemic engagement to pandemic timeframe engagement efforts and among other things, attendance? For instance, are there metrics comparing on-SPG&E and AFNMB?</p> <p>PG&E monitors pre-pandemic in-person engagement. Does PG&E have data comparing pre-pandemic engagement to pandemic timeframe engagement efforts and among other things, attendance? For instance, are there metrics comparing on-SPG&E and AFNMB?</p> <p>PG&E monitors pre-pandemic in-person engagement. Does PG&E have data comparing pre-pandemic engagement to pandemic timeframe engagement efforts and among other things, attendance? For instance, are there metrics comparing on-SPG&E and AFNMB?</p>	Kevin Miller	6/20/2023	6/8/2023	6/7/2023	https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify	0	NA	8.5.3	Community Outreach and Engagement	Engagement With Access and Functional Needs Populations
400	CPUC - SPD (Safety Policy Division)	009	CPUC - SPD (Safety Policy Division)_009	7	CPUC - SPD (Safety Policy Division)_009_07	<p>PG&E states that if an AFN customer does not answer the door, the notification is considered successful if a door hanger is left. What industry polystyrene is PG&E following that classifies a door hanger as a successful notification?</p> <p>PG&E states that if an AFN customer does not answer the door, the notification is considered successful if a door hanger is left. What industry polystyrene is PG&E following that classifies a door hanger as a successful notification?</p> <p>PG&E states that if an AFN customer does not answer the door, the notification is considered successful if a door hanger is left. What industry polystyrene is PG&E following that classifies a door hanger as a successful notification?</p>	Kevin Miller	6/20/2023	6/8/2023	6/7/2023	https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify	0	NA	8.5.3	Community Outreach and Engagement	Engagement With Access and Functional Needs Populations
405	CaPA	Set WMP-26	CaPA_Set WMP-26	1	CaPA_Set WMP-26_01	<p>(a) Please describe your general process or strategy for developing load forecasts.</p> <p>(b) Do you have a written process or procedure for developing load forecasts?</p> <p>(c) If the answer to (b) is "yes," provide a copy.</p> <p>(d) If the answer to (b) is "no," explain why not.</p> <p>(a) Please describe your general process or strategy for developing load forecasts. (b) Do you have a written process or procedure for developing load forecasts? (c) If the answer to (b) is "yes," provide a copy. (d) If the answer to (b) is "no," explain why not.</p> <p>(a) Please describe your general process or strategy for developing load forecasts. (b) Do you have a written process or procedure for developing load forecasts? (c) If the answer to (b) is "yes," provide a copy. (d) If the answer to (b) is "no," explain why not.</p>	Holy Whisman	7/7/2023	8/1/2023	8/1/2023	https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify	2	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution
406	CaPA	Set WMP-26	CaPA_Set WMP-26	2	CaPA_Set WMP-26_02	<p>(a) Do you consider load growth projections when you determine which system hardening measures to deploy for wildfire mitigation projects?</p> <p>(b) If the answer to (a) is "yes," explain how load growth projections influence your mitigation selection process.</p> <p>(c) If the answer to (a) is "no," explain why not.</p> <p>(a) Do you consider load growth projections when you determine which system hardening measures to deploy for wildfire mitigation projects? (b) If the answer to (a) is "yes," explain how load growth projections influence your mitigation selection process. (c) If the answer to (a) is "no," explain why not.</p> <p>(a) Do you consider load growth projections when you determine which system hardening measures to deploy for wildfire mitigation projects? (b) If the answer to (a) is "yes," explain how load growth projections influence your mitigation selection process. (c) If the answer to (a) is "no," explain why not.</p>	Holy Whisman	7/7/2023	8/1/2023	8/1/2023	https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution
407	CaPA	Set WMP-26	CaPA_Set WMP-26	3	CaPA_Set WMP-26_03	<p>(a) When you plan system hardening projects for wildfire mitigation purposes, do you design projects to accommodate forecasted load growth?</p> <p>(b) If yes, what design of load growth do you design for?</p> <p>(c) Describe your process for incorporating forecasted load growth into the design of system hardening projects (for instance, which scenarios of possible load growth are considered).</p> <p>(a) When you plan system hardening projects for wildfire mitigation purposes, do you design projects to accommodate forecasted load growth? (b) If yes, what design of load growth do you design for? (c) Describe your process for incorporating forecasted load growth into the design of system hardening projects (for instance, which scenarios of possible load growth are considered).</p> <p>(a) When you plan system hardening projects for wildfire mitigation purposes, do you design projects to accommodate forecasted load growth? (b) If yes, what design of load growth do you design for? (c) Describe your process for incorporating forecasted load growth into the design of system hardening projects (for instance, which scenarios of possible load growth are considered).</p>	Holy Whisman	7/7/2023	8/1/2023	8/1/2023	https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution
408	CaPA	Set WMP-26	CaPA_Set WMP-26	4	CaPA_Set WMP-26_04	<p>(a) In a typical bare conductor to covered conductor conversion project, is the intention to maintain, increase, or decrease the load capacity of peak operating temperatures? (b) Explain the reasoning for your response to part (a).</p> <p>(a) In a typical bare conductor to covered conductor conversion project, is the intention to maintain, increase, or decrease the load capacity of peak operating temperatures? (b) Explain the reasoning for your response to part (a).</p> <p>(a) In a typical bare conductor to covered conductor conversion project, is the intention to maintain, increase, or decrease the load capacity of peak operating temperatures? (b) Explain the reasoning for your response to part (a).</p>	Holy Whisman	7/7/2023	8/1/2023	8/1/2023	https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution
409	CaPA	Set WMP-26	CaPA_Set WMP-26	5	CaPA_Set WMP-26_05	<p>(a) Are all new covered conductor installation projects designed to accommodate loads greater than current capacity for the same circuit?</p> <p>(b) If the answer to (a) is "yes," explain how.</p> <p>(c) If the answer to (a) is "no," explain why not.</p> <p>(a) Are all new covered conductor installation projects designed to accommodate loads greater than current capacity for the same circuit? (b) If the answer to (a) is "yes," explain how. (c) If the answer to (a) is "no," explain why not.</p> <p>(a) Are all new covered conductor installation projects designed to accommodate loads greater than current capacity for the same circuit? (b) If the answer to (a) is "yes," explain how. (c) If the answer to (a) is "no," explain why not.</p>	Holy Whisman	7/7/2023	8/1/2023	8/1/2023	https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution
410	CaPA	Set WMP-26	CaPA_Set WMP-26	6	CaPA_Set WMP-26_06	<p>(a) Are all overhead to underground conductor conversion projects designed to accommodate loads greater than current capacity for the same circuit?</p> <p>(b) If the answer to (a) is "yes," explain how.</p> <p>(c) If the answer to (a) is "no," explain why not.</p> <p>(a) Are all overhead to underground conductor conversion projects designed to accommodate loads greater than current capacity for the same circuit? (b) If the answer to (a) is "yes," explain how. (c) If the answer to (a) is "no," explain why not.</p> <p>(a) Are all overhead to underground conductor conversion projects designed to accommodate loads greater than current capacity for the same circuit? (b) If the answer to (a) is "yes," explain how. (c) If the answer to (a) is "no," explain why not.</p>	Holy Whisman	7/7/2023	8/1/2023	8/1/2023	https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution
411	CaPA	Set WMP-26	CaPA_Set WMP-26	7	CaPA_Set WMP-26_07	<p>Describe the challenges or advantages entailed in increasing load capacity on a circuit that has previously been hardened with covered conductor.</p> <p>Describe the challenges or advantages entailed in increasing load capacity on a circuit that has previously been hardened with covered conductor.</p> <p>Describe the challenges or advantages entailed in increasing load capacity on a circuit that has previously been hardened with covered conductor.</p>	Holy Whisman	7/7/2023	8/1/2023	8/1/2023	https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify https://www.pge.com/buy_pg&e/comm/notify	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution

432	CaPA	Set WMP-28	CaPA_Sat WMP-28	11	CaPA_Sat WMP-28_011	<p>RN-POGE-23-04 Footnote 16 on page 52 of POGE's response states, "POGE will develop a risk spend efficiency by isolation zone bands and not for individual tags. We will identify grouping of EC notification in isolation zone (similar to a circuit protection zone) and sum the wildlife risk of those notifications. That sum will be divided by the sum of the average cost of those same notifications to get a risk spend efficiency for isolation zone bands." a) How will POGE determine the wildlife risk of individual notifications? b) How will POGE determine the unit cost of individual notifications?</p>	Holy Wellman	8/10/2023	8/15/2023	8/15/2023	0	NA	8.1.8	Grid Operations and Procedures	NA
433	CaPA	Set WMP-28	CaPA_Sat WMP-28	12	CaPA_Sat WMP-28_012	<p>RN-POGE-23-04 POGE states that an isolation zone is "similar to a circuit protection zone" (Footnote 16 on page 52). a) Is an isolation zone identical to a circuit protection zone? b) If the answer to part (a) is no, describe the differences.</p>	Holy Wellman	8/10/2023	8/15/2023	8/15/2023	0	NA	8.1.8	Grid Operations and Procedures	NA
434	CaPA	Set WMP-28	CaPA_Sat WMP-28	13	CaPA_Sat WMP-28_013	<p>RN-POGE-23-04 Page 55 of POGE's response states, with regard to field safety assessments, "inspections can also recommend that a notification be cancelled if no further work is created in or of it is already completed." a) Describe the process by which an inspector performing a field safety assessment can recommend a notification be cancelled. b) If an inspector performing a field safety assessment recommends that a notification be cancelled, do any additional checks or verifications take place prior to cancelling the notification? c) If the answer to part (b) is no, describe each additional check or verification. d) If the answer to part (b) is no, explain why not.</p>	Holy Wellman	8/10/2023	8/15/2023	8/15/2023	0	NA	8.1.8	Grid Operations and Procedures	NA
435	CaPA	Set WMP-28	CaPA_Sat WMP-28	14	CaPA_Sat WMP-28_014	<p>RN-POGE-23-04 Table RN-POGE-23-04-6 on page 59 of POGE's response estimates POGE will create 10,200 level two tags in 2023, 54,000 level two tags in 2024, and 50,700 level two tags in 2025. a) How many tags will be replaced in 2023? b) How many tags will be replaced in 2024? c) How many tags will be replaced in 2025?</p>	Holy Wellman	8/10/2023	8/15/2023	8/15/2023	0	NA	8.1.8	Grid Operations and Procedures	NA
436	CaPA	Set WMP-28	CaPA_Sat WMP-28	15	CaPA_Sat WMP-28_015	<p>RN-POGE-23-04 Page 55 of POGE's response states, "For example, we have found certain isolations (i.e., isolations within two feet of an evaluation, and number of isolations per year) do not pose an increased risk of ignition. Instead of issuing non-ignition risk management tags, the isolations are better addressed by the asset management team as they are a potential indicator of a holistic asset health issue." a) Describe how the asset management team will address a maintenance tag that is not issued. b) Describe the circumstances under which POGE would repair isolations that do not pose an ignition risk, and describe how to replace a maintenance tag. c) How does POGE's asset management team use isolations as an indicator of "holistic asset health" and under what circumstances does the asset management team take action based on this indicator?</p>	Holy Wellman	8/10/2023	8/15/2023	8/15/2023	0	NA	8.1.8	Grid Operations and Procedures	NA
437	CaPA	Set WMP-28	CaPA_Sat WMP-28	16	CaPA_Sat WMP-28_016	<p>RN-POGE-23-05 Page 68 of POGE's response states, "There are 79 circuit segments that are not included in an underground plan and have not been hardened by 2025. These circuit segments, POGE plans to add different circuit segments to the portfolio that could be undergrounded more affordably. POGE manages wildlife risk in these 79 circuit segments through a portfolio of Comprehensive Hardening and Data Collection and Operational Mitigation Responses described above." a) How will POGE conduct overhead hardening on the 79 circuit segments described in the answer? b) If the answer to part (a) is yes, why did POGE not take overhead hardening as a mitigation for these 79 circuit segments? c) If the answer to part (a) is no, explain why not.</p>	Holy Wellman	8/10/2023	8/15/2023	8/15/2023	0	NA	8.1.2	Grid Design and System Hardening	Undergrounding of electric lines and/or equipment
438	CaPA	Set WMP-28	CaPA_Sat WMP-28	17	CaPA_Sat WMP-28_017	<p>RN-POGE-23-05 Table RN-POGE-23-05-2 on page 72 of POGE's response compares the mileage in the top 20% of WFE, the top 20% of WDRM, and the top 20% of WDRM-C. a) How does POGE calculate the risk scores from WDRM-C and the feasibility score of undergrounding? b) How does POGE calculate the risk scores from WDRM-C and the feasibility score of undergrounding? c) How does POGE calculate the risk scores from WDRM-C and the feasibility score of undergrounding? d) Does the list of circuit segments ranked by WFE incorporate risk scores from WDRM-C? If yes, describe how.</p>	Holy Wellman	8/10/2023	8/15/2023	8/15/2023	0	NA	8.1.2	Grid Design and System Hardening	Undergrounding of electric lines and/or equipment
439	CaPA	Set WMP-28	CaPA_Sat WMP-28	18	CaPA_Sat WMP-28_018	<p>RN-POGE-23-05 Page 72 of POGE's response states, "Based on further evaluation, the preliminary updated mitigation effectiveness for undergrounding, considering the residual risk from secondary and service lines, is approximately 97 percent compared to the 99 percent." a) How did POGE calculate the effectiveness of 97 percent? b) Provide supporting data and worksheets for your response to part (a).</p>	Holy Wellman	8/10/2023	8/15/2023	8/15/2023	1	NA	8.2.2	Vegetation Management and Inspections	Vegetation Management Inspections
440	CaPA	Set WMP-28	CaPA_Sat WMP-28	19	CaPA_Sat WMP-28_019	<p>RN-POGE-23-07 Page 103 of POGE's response states, "The TAT was developed to fit the scope of the EIM program. With the introduction of EIM, POGE has decided to compare the use of the TAT and the ISA TRAGI with isolated accepted assessments using the ISA TRAGI for the scope of EIM." a) How does POGE compare the effectiveness of the TAT and the ISA TRAGI? b) Please explain why the TAT is not appropriate for the scope of EIM. c) Describe the ways in which the TAT and TRAGI from are similar. d) Describe the ways in which the TAT and TRAGI from are different.</p>	Holy Wellman	8/10/2023	8/15/2023	8/15/2023	2	NA	8.2.2	Vegetation Management and Inspections	Vegetation Management Inspections
441	CaPA	Set WMP-28	CaPA_Sat WMP-28	20	CaPA_Sat WMP-28_020	<p>RN-POGE-23-07 Page 104 of POGE's response states, "Given that we began working with the ISA TRAGI in 2023, data does not exist to identify compare effectiveness effectiveness between ISA TRAGI and the TAT." a) Does POGE plan to perform a study or analysis to compare the effectiveness of the TAT and the ISA TRAGI? b) If the answer to part (a) is yes, please describe the study POGE plans to perform, and the date POGE plans to complete the study. c) If the answer to part (a) is no, explain why not.</p>	Holy Wellman	8/10/2023	8/15/2023	8/15/2023	0	NA	8.2.2	Vegetation Management and Inspections	Vegetation Management Inspections
442	OES	011	OES_011	1	OES_011_01	<p>Regarding distribution-related ground inspections a) On page 464 of the revised WMP, POGE states that it will shift from inspecting all HFTD tier 1 distribution assets annually and tier 2 assets every three years, to inspecting severe and extreme consequence yard assets annually and high consequence yard assets every two years. b) Please provide the number of assets/structures (using the same asset/structure definition as WMP R2 table 8.1.1.3, page 465) located in HFTD tier 1. c) Please provide the number of assets/structures (using the same asset/structure definition as WMP R2 table 8.1.1.3, page 465) located in HFTD tier 2.</p>	Dakota Smith	8/10/2023	8/23/2023	8/23/2023	0	NA	8.1.3.1	Asset Inspections	Distal Ground Inspection
443	OES	011	OES_011	2	OES_011_02	<p>Regarding POGE's Grid Design and Maintenance Quality Control: a) In its Revision Notice, Response, POGE states that it is "working to integrate OC with the execution processes, the approach will include reviewing, testing and update models." and that review sample sizes and peak loads target model results (FCM's feasibility)." and that review sample sizes and peak loads target model results (FCM's feasibility)." and that review sample sizes and peak loads target model results (FCM's feasibility)." b) Describe the approach, including the variables, and differences from the current and previous approach to OC. c) Provide the estimated sample size for this approach. These sample sizes may either represent physical assets POGE will OC per part (a), POGE will OC 3,000 components in asset area of the WMP project, or how POGE determines the sample size for OC (i.e., the criteria for when and where POGE performs OC). d) Describe the approach, including the variables, and differences from the current and previous approach to OC.</p>	Dakota Smith	8/10/2023	8/23/2023	8/23/2023	0	NA	8.1.6	Quality Assurance and Quality Control	NA

444	OEIS	011	OEIS_011	3	OEIS_011_Q3	Regarding PG&E's Vegetation Management Quality Control (in its Historic Notice Responses, PG&E states that it is "working to integrate OC with [the] execution processes... the approach will create... up-time training to coach and guide workers... and that minimum sample sizes and... are the same as...") a. Describe this approach, including the similarities and differences from the current and previous approach to OC. b. Provide the estimate sample size for this approach. These sample sizes may either represent physical access PG&E will OC per year (e.g., PG&E will OC ~3,000 crown areas in each year of the WMP cycle), or how PG&E determines the sample sizes for OC (i.e., the criteria for when and where PG&E performs OC). c. Describe the incremental data PG&E has generated relative to the current and previous approach.	Dakota Smith	8/18/2023	8/23/2023	8/23/2023	https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports	0	NA	8.1.6	Quality Assurance and Quality Control	NA
445	CPUC - SPD (Safety Policy Division)	010	CPUC - SPD (Safety Policy Division)_010	1	CPUC - SPD (Safety Policy Division)_010_Q1	Provide the attached spreadsheet with information summarized from Table 11 of PG&E's most recently submitted QDR (Q1 2023 submitted Aug 1).	Kevin Miller	8/24/2023	9/1/2023	9/1/2023	https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports	1	NA	QDR	NA	NA
446	OEIS	012	OEIS_012	1	OEIS_012_Q1	Q1: Regarding PG&E's Response to NHPQ&E-23-07: a. Considering that there are no facts in O&W that Level 2 inspection did, the TRAG form will not be updated and the Focused Tree Inspection procedure does not require inspection to take a photo of completed TRAG forms; what data and information do PG&E plan to use to perform field-based quality control on Level 2 inspections performed under Focused Tree Inspections? b. Describe the quality control procedure for Focused Tree Inspections. c. How are the TRAG forms generated through Focused Tree Inspections collected and stored by PG&E? d. For Focused Tree Inspections, Routes, and Second Point: i. How and where does the inspector document report factors that contributed to an inspector's designation of a tree as a hazard or tree at risk, and any response statement description?	Dakota Smith	8/30/2023	9/27/2023	9/27/2023	https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports	4	NA	8.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections
447	OEIS	012	OEIS_012_Q2	2	OEIS_012_Q2	Q2: Regarding PG&E's Response to NHPQ&E-23-03: a. In its response relating to EPSS, PG&E states that it "does not have detailed mitigation effectiveness analysis at this time. These analyses are being developed based on subject matter expertise, while empirical data is being collected." i. Explain what is meant by this statement, particularly given PG&E has provided effectiveness estimates for EPSS previously. ii. In PG&E's 2022-2025 WMP, PG&E provides an estimated effectiveness of 88% for EPSS in 2022. Is this an accurate effectiveness estimate? If not, why? iii. Where does PG&E plan on obtaining a more updated effectiveness estimate? What factors is PG&E including in the calculation?	Dakota Smith	8/30/2023	9/5/2023	9/5/2023	https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports	0	NA	8.1.2.10	Grid Design and System Hardening	Downed Conductor Detection Devices
448	OEIS	012	OEIS_012_Q3	3	OEIS_012_Q3	Q3: Regarding PG&E's Response to NHPQ&E-23-04: a. Using PG&E-23-04-1 users "Agred Backing Line Erector" and "Agred Backing Line Remaining". Provide these users numbers for each year, broken down by non-point ignition risk, ignition risk, and non-ignition risk. b. Describe the violation of FDR, provide the following date under clear anomaly. c. The number of instances in which PG&E cancelled a work order in response to an FSR. d. The number of instances in which PG&E cancelled a new work order or the start of a working work order in response to an FSR. e. The number of instances in which PG&E combined work orders in response to an FSR. f. Details on how PG&E tracks the above (i) through (d) within its databases. PG&E does not currently track such backlogs. g. Will PG&E continue to conduct annual FSRs on all Point E tags? h. Provide all PG&E's workplans for activities and hardware relating to backing line backing. This should include, but not be limited to: i. Backing training and clearing worklogs and personnel ii. Resource limitations, such as clearing needed equipment and supply chain issues, and how PG&E intends on handling them. i. Training for personnel working on backing, including details on how to identify, prioritize, and respond to repairs. ii. How PG&E tracks and prioritizes system tag tags and Point E if F.	Dakota Smith	8/30/2023	9/27/2023	9/27/2023	https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports	0	NA	8.1.2	Open Work Orders - Distribution Tags	Open Work Orders - Distribution Tags
449	OEIS	012	OEIS_012_Q4	4	OEIS_012_Q4	Q4: Regarding PG&E's Response to NHPQ&E-23-05: a. For the 79 circuit segments not included in an undergrounding plan and that have not been hardened, provide the following information via spreadsheet: i. Circuit Name ii. Circuit length/CPZ Name iii. I/L Risk Score iv. I/L Risk Rating v. I/L Risk Rating (if available) vi. I/L Risk Rating (if available) vii. I/L Risk Rating (if available) viii. I/L Risk Rating (if available) ix. I/L Risk Rating (if available) x. I/L Risk Rating (if available) xi. I/L Risk Rating (if available) xii. I/L Risk Rating (if available) xiii. Reason for why circuit segment is not included in undergrounding plan xiv. Other mitigation options being used for the circuit segment or the future, if such differs from (xi) xv. Other mitigation options being considered for the circuit segment or the future, if such differs from (xi)	Dakota Smith	8/30/2023	9/5/2023	9/5/2023	https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports	1	NA	7.2.1	Wildfire Mitigation Strategy Development	Overview of Mitigation Initiatives and Activities
450	CaMPA	Set WMP-29	CaMPA_Set WMP-29	1	CaMPA_Set WMP-29_Q1	Page 35 of PG&E's response states, "PG&E is currently working to integrate OC with our execution processes to show quality during initial work execution." a) Provide the approximate date by which PG&E plans to implement or integrated OC process, described above. b) Please provide any internal protocols, presentations, reports, or other documentation that describe(s) PG&E's proposed integrated OC process. c) Please provide any procedural, handbook, checklist, or job aids that personnel will use when implementing PG&E's proposed integrated OC process.	Holly Wetman	9/7/2023	9/27/2023	9/27/2023	https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports	0	NA	8.1.6	Quality Assurance and Quality Control	NA
451	CaMPA	Set WMP-29	CaMPA_Set WMP-29	2	CaMPA_Set WMP-29_Q2	PG&E's response to Date Request No. Cal Atrocitas_DSR-2023-01 on August 15, 2023, states "OC is integrating with execution processes by completing OC in a similar timeline that has been historically executed, allowing for greater opportunities for re-training inspectors, shoring, and making conditions, as necessary." a) What are the maximum, maximum and average OC completion timeline for detailed ground distribution inspections in 2021? b) What are the maximum, maximum and average OC completion timeline for detailed ground distribution inspections in 2022? c) What are the expected/target maximum, maximum, and average OC completion timeline for detailed ground distribution inspections after integration with execution processes?	Holly Wetman	9/7/2023	9/27/2023	9/27/2023	https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports	1	NA	8.1.6	Quality Assurance and Quality Control	NA
452	CaMPA	Set WMP-29	CaMPA_Set WMP-29	3	CaMPA_Set WMP-29_Q3	PG&E's response to Date Request No. Cal Atrocitas_DSR-2023-01 on August 15, 2023, states "OC is integrating with execution processes by completing OC in a similar timeline that has been historically executed, allowing for greater opportunities for re-training inspectors, shoring, and making conditions, as necessary." a) Does PG&E have a internal standard for the maximum amount of time between a detailed ground distribution inspection and subsequent OC? b) If yes, please provide any procedural, handbook, checklist, or job aids that define the amount of time between a detailed ground distribution inspection and subsequent OC under PG&E's current OC process. c) If the answer to part (b) is no, how does PG&E determine when to perform OC following a detailed ground distribution inspection?	Holly Wetman	9/7/2023	9/27/2023	9/27/2023	https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports https://www.sgs.com/leg_globe/global/commodity/us/na-us/sustainability/esg/vegetation-management-reports	0	NA	8.1.6	Quality Assurance and Quality Control	NA

441	CEIS	014	CEIS_014	2	CEIS_014_02	0	NA	8.1.7	Open Work Orders	NA	<p>0) Batten is the leading EIC mitigation risk reduction percentage location item annually for PG&E in order 2025 WMP Mitigation Plan and PG&E must recent 2025 WMP, which was filed with its Supplemental Revision Notice Response.</p> <p>1. Initial 2025-2025 WMP Mitigation Plan 2. 2025 7/21 /1511 + 48% 3. 2024 10/27 /1511 + 58% 4. 2025 11/2 /1511 + 17% 5. 2025-2025 WMP as filed with PG&E's Supplemental Revision Notice Response 2025 7/21 /1511 + 48% 2. 2024 10/27 /1511 + 54% 3. 2025 11 /1511 + 87% 4. The risk reduction calculation is performed by reviewing the individual mitigation units and scoring them through our model.</p> <p>5. The units were summed together to represent the total risk points as of June 7, 2025. The total risk score for units is 1511 points. The total risk score is comprised of the number of units multiplied by the risk score for each unit and added cumulatively for each year of the workplan. The risk reduction percentage for the 2025 WMP is calculated by dividing the total risk score by 1511 points, not a measure of each year's risk points. For example, the 102.7% score in 2024 is the sum of the 2022 (95.2% risk score) and the planned units in 2024 (102.3% risk score). In the original WMP plan, it was expected that 77% of the backing risk score would be eliminated at the end of 2025. With the revised workplan, it is expected that 45% of the backing risk would be eliminated at the end of 2025.</p> <p>6. Please note that the above information is based on the Supplemental Revision Notice Response filing. If new information is identified that poses a higher wildfire risk, PG&E will re-evaluate higher risk units where feasible, while still maintaining our risk point and backing volume commitments.</p>
442	MGRA	Data Request No. 7	MGRA_Data Request No. 7	1	MGRA_Data Request No. 7_01	0	NA	8.4.1	Emergency Preparedness	Protocols for Emergency Communications	<p>PG&E has Public Safety Dispatch (PDS) in all regions and other sites. Sites do describe the general role, levels, responsibilities, and qualifications of the PDS team, the location, and provide a table that lists the location and current staffing for PDS assets and sensors.</p> <p>Generally, PDS is responsible for serving as the point of contact for county office of emergency services (CSES), fire and law enforcement agencies. The PDS also facilitates conversations with and sends out public works emergency, corrections, emergency fire, timber, wildfire and other specialized groups with PG&E's service territory and notifies on-site supports PG&E's agency responses, during emergencies.</p> <p>Additionally, the position supports gas and electric regulatory compliance matters, the delivery of the Community Wildfire Safety Program and the Public Safety Power Shutoff Program, wildfire readiness efforts, and emergency planning efforts across all Functional Units.</p> <p>PDS team are structured regionally. Collectively, the teams are a diverse group of safety specialists with varying degrees of experience in fire spread modeling, traffic control and evacuation, and wildfire fighting and suppression. Experience in these areas is generally based on their professional background, because that work generally takes law enforcement agencies during a wildfire fire or other disaster. Team members who had previous careers in law enforcement generally hold executive level positions within their respective agencies.</p> <p>PDS staff who previously worked for wildfire fire agencies, such as CAL FIRE, USDA (wild care), National Park Service, and the Bureau of Land Management have extensive experience in wildfire fighting and suppression, with some limited to moderate experience in the current PDS role. Additional experience in other simulation tools. These team members often are very knowledgeable about traffic control and evacuation modeling. Most of our team members who had previous careers in firefighting had the position of Chief Officer and above.</p> <p>PDS staff come from firefighting within local government agencies such as counties, cities, and special districts with varying degrees of experience in fire spread modeling, traffic control and evacuation, and wildfire fighting and suppression based on the location of the assignment to which they are assigned.</p> <p>The PDS considers many factors when evaluating ingress and egress concerns in a complex or newly expanding wildfire fire including:</p> <ul style="list-style-type: none"> Population density Time of day (there are differences between evaluating communities at night when most people are at home compared to during the day when fewer people are at home) Amount of time the public would need to evacuate to shelter in place Notifications and information made available to the public Road infrastructure (e.g., road mile, number of lanes, type of surface, etc.) 1) Fuel types and an elevation contour (e.g., grass or low fuel, timber) (Bareland fuel conditions (e.g., fuel dry time, including high temperatures, dry vegetation) 2) Topography (terrain slope elevation includes place elevations in danger due to steep slopes, drainage, and otherwise a control which are often associated with wildfire fire behavior) 3) Home factors (e.g., utility, several assets, expanding logs and vinyl paths, knowledge or experience of citizens living in high fuel hazard areas) 4) Location of overhead electrical assets (e.g., poles proximity to the news, shoulder and conductor crossings over those ingress/egress thoroughfares should they become impacted by fire and fall onto the evacuation corridor) 5) Fueling sources (e.g., number, size of equipment storage areas, etc.)
443	MGRA	Data Request No. 7	MGRA_Data Request No. 7	2	MGRA_Data Request No. 7_02	0	NA	8.1.3	Asset Inspections	NA	<p>A) Does the PDS team assess the potential for falling poles or does the PDS team assess the potential of emergency by fast moving wildfires and/or electrical outages?</p>
444	MGRA	Data Request No. 7	MGRA_Data Request No. 7	3	MGRA_Data Request No. 7_03	1	NA	8.1.3	Asset Inspections	NA	<p>How representative is the proxy PSD score of the entire circuit? Specifically, are there any hotspots or areas of concern?</p> <p>A) For each risk score in part (a), please provide a category or brief description of the type of risk the score represents. If possible, include the risk score.</p> <p>B) What factors does the hardening project typically take into account of the circuit? Provide a distribution if possible.</p> <p>C) How are PDS scores determined and how does these compare against WORM v3?</p> <p>D) For PDS ingress/egress scoring used as an element incorporated into the risk model for a circuit, is it an independent decision tree branch point?</p> <p>E) What factors of underpinning projects rely only on PDS ingress/egress scores to make the determination to underpin?</p> <p>A) Provide the fraction for cases where it was the only on-site statement and</p> <p>B) Provide the fraction for cases where PDS ingress/egress was only one of many factors used in the determination to underpin.</p>
445	CaPA	Set WMP-30	CaPA_Set WMP-30	1	CaPA_Set WMP-30_01	0	NA	2022 WMP Section 4.5	Model Metrics and Calculation Methodologies	NA	<p>The data request relates to PG&E's Wildfire Distribution Risk Model version 4 (Derechelt referred to as "WORM v4") if any of the requested documents or information is not yet complete and available, please state in your response when you expect the documents or information to be complete and available.</p> <p>A) Please list all distinct risk scores generated by PG&E's WORM v4. For example, WORM v4 generated 17 different risk scores.</p> <p>B) For each risk score in part (a), please provide a category or brief description of the type of risk the score represents.</p> <p>C) For each risk score in part (a), please provide a brief explanation of how PG&E intends to use that risk score.</p> <p>D) For each risk score in part (a), please list all PG&E wildfire mitigation activities that are informed by that risk score.</p> <p>E) For each risk score in part (a), please state the most granular level available for that risk score. For example, in WORM v4, the most granular level available would be the risk scores associated with individual 100m x 100m pixels.</p> <p>F) For each risk score in part (a), please state the granularity at which the risk score is used to inform wildfire mitigation decisions (e.g., circuit segment, circuit, individual asset, etc.).</p>
446	CaPA	Set WMP-30	CaPA_Set WMP-30	2	CaPA_Set WMP-30_02	0	NA	2022 WMP Section 4.5	Model Metrics and Calculation Methodologies	NA	<p>The data request relates to PG&E's Wildfire Distribution Risk Model version 4 (Derechelt referred to as "WORM v4") if any of the requested documents or information is not yet complete and available, please state in your response when you expect the documents or information to be complete and available.</p> <p>A) Please list all composite (or aggregate) risk scores generated by PG&E's WORM v4. For example, WORM v4 generated five composite risk scores.</p> <p>B) For each risk score in part (a), please provide a category or brief description of the type of risk the score represents.</p> <p>C) For each risk score in part (a), please provide a brief explanation of how PG&E intends to use that risk score.</p> <p>D) For each risk score in part (a), please list all PG&E wildfire mitigation activities that are informed by that risk score.</p> <p>E) For each risk score in part (a), please state the most granular level available for that risk score.</p> <p>F) For each risk score in part (a), please state the granularity at which the risk score is used to inform wildfire mitigation decisions (e.g., circuit segment, circuit, individual asset, etc.).</p>
447	CaPA	Set WMP-30	CaPA_Set WMP-30	3	CaPA_Set WMP-30_03	0	NA	2022 WMP Section 4.5	Model Metrics and Calculation Methodologies	NA	<p>The following questions refer to the risk scores generated from WORM v4. This should be understood to refer to PG&E's responses to questions 1) and 2) above.</p> <p>Please provide a GDS file that details the most granular level (as discussed in questions 1) and 2)) available for each risk score identified in questions 1) and 2). The file should contain the following:</p> <p>A) Component features detailing the most granular level available for each risk score. This may be polygons that depict "pixels," lines that depict circuit segments, points that depict assets, or other geometry that best suits the highest risk scores. If multiple risk scores are generated (e.g., multiple risk scores that are calculated at the "pixel" level), there is no need to include multiple layers that depict the same physical geometry.</p> <p>B) For each geometry feature, please include all relevant risk scores from questions 1) and 2) as attributes.</p>

477	CPUC - SPD (Safety Policy Division)	012	CPUC - SPD (Safety Policy Division)_012	1	CPUC - SPD (Safety Policy Division)_012_01	Provide calculations that justify Table RN-PG&E-23-05-3. Explain specifically how Risk Avoidance over Lifetime Benefit is calculated from Total Risk. (page 8) of PG&E's 2023-2025 Wildlife Mitigation Plan (WMP) - Supplemental Response Notes Response)	Please see "WMP-Discovery2023_DR_SPD_012-001-A5807.pdf" for the visual and tabular data. This table has not been updated because PG&E expects to begin work that is Q2 of 2024 as part of the Risk Assessment and Mitigation Phase (RAM) of the project. Please note, there are no non-response data labels. Such the original and corrected visual data labels are provided in the attachment.	Henry Swast	11/3/2023	11/15/2023	11/14/2023	https://www.pge.com/content/dam/pge/docs/2023/012-001-A5807.pdf	1	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of electric lines and/or equipment
478	CPUC - SPD (Safety Policy Division)	011	CPUC - SPD (Safety Policy Division)_011	2	CPUC - SPD (Safety Policy Division)_011_02	Provide a numerical justification that shows the risk from (outages or other sources) for EPSS companies is benefits of EPSS (loss wildfire, others)? SPD would prefer the analysis performed using cost benefit ratios (similar to that shown in Table RN-PG&E-23-05-3).	Please see PG&E's response to Question 1 of this data request.	Henry Swast	10/13/2023	10/17/2023	10/17/2023	https://www.pge.com/content/dam/pge/docs/2023/011-02.pdf	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of electric lines and/or equipment
479	CaPA	Set WMP-32	CaPA_Set WMP-32	1	CaPA_Set WMP-32_01	Please provide the following data for the years 2020, 2021, 2022, and 2023: a) Number of miles of underground distribution that PG&E installed as part of overhead-to-underground conversion projects for the purposes of wildfire risk reduction. b) Number of miles of overhead distribution PG&E removed as part of the same projects in part (a).	Please see the table below with the data requested for subparts a and b. a) Please see row (b) of the table below. Included are the miles of underground conversion distribution lines installed each year 2020-2023 for the purposes of wildfire risk reduction. The data provided is 2023 to date through November 1, 2023. In addition to the miles completed, PG&E also has approximately 200 miles currently in progress (e.g., permit complete, in construction, branch complete, contact installed, ready for cable pull). b) Please see row (c) of the table below. Included are the estimated miles of overhead primary distribution lines PG&E has removed as part of undergrounding projects for the purpose of wildfire risk reduction. PG&E historically did not track exactly the overhead miles replaced by each project. Therefore, the overhead miles replaced is calculated based on LG Miles Completed using a standard conversion factor for rebuild projects or all other undergrounding projects. For Community rebuild projects (State and General) for every 1.27 miles of LG installed, one mile of existing OHL has been removed. For all other projects, 1.25 miles of LG installed equates to one mile of existing OHL removed. 2020 2021 2022 2023 Total a) LG Miles Completed 42.4 73.2 179.8 208.6 503.9 b) OHL Miles Replaced (est) 22.9 32.2 134.0 374.4	Holy Wellman	10/31/2023	11/14/2023	11/14/2023	https://www.pge.com/content/dam/pge/docs/2023/011-01.pdf	0	NA	7.2.1	Wildfire Mitigation Strategy Development	Projected Overall Risk Reduction
480	CaPA	Set WMP-32	CaPA_Set WMP-32	2	CaPA_Set WMP-32_02	Please provide the same information as requested in Question 1 for undergrounding projects that fall into each of the following categories: a) Rule 20 undergrounding b) Wildfire rebuild undergrounding c) Any other undergrounding not included in Question 1 part a and b of this question.	Please see the table provided below with the data requested for subparts a - c. a) Please see row (a) of the table below. Included are the underground miles of primary distribution lines in High Fire Threat Districts (PFTD) and/or High Fire Risk Areas (HFRA) as part of the following projects: • Rule 20A - 100% utility funding • Rule 20B - partial utility funding • Rule 20C - minimal utility funding Note: the data does not include all Rule 20 projects. It includes only those Rule 20 projects that have taken place in the PFTD/HFRA given the impact of these projects on existing wildfire risk. b) Please see row (b) of the table below. Included are the underground miles of primary distribution lines in High Fire Threat Districts (PFTD) and/or High Fire Risk Areas (HFRA) as part of the following projects: • Rule 20A - 100% utility funding • Rule 20B - partial utility funding • Rule 20C - minimal utility funding Note: the data does not include all Rule 20 projects. It includes only those Rule 20 projects that have taken place in the PFTD/HFRA given the impact of these projects on existing wildfire risk. c) Please see row (c) of the table below. Included are the underground miles of primary distribution lines through PG&E's rebuild undergrounding projects, as well as capacity projects and work requested by others located in an HFTH/HFRA. Please note, PG&E previously did not track overhead miles replaced. Therefore, the overhead miles replaced is calculated based on LG Miles Completed using a standard conversion factor for rebuild projects or all other undergrounding projects. For WMP-Discovery2023_DR_CaPA/California_032-0002 Page 2 Community rebuild projects (State and General) for every 1.27 miles of LG installed, one mile of existing OHL has been removed. For all other projects, 1.25 miles of LG installed equates to one mile of existing OHL removed.	Holy Wellman	10/31/2023	11/14/2023	11/14/2023	https://www.pge.com/content/dam/pge/docs/2023/011-02.pdf	0	NA	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment - Distribution
481	CaPA	Set WMP-32	CaPA_Set WMP-32	3	CaPA_Set WMP-32_03	Please provide copies of all current, sole-source contracts PG&E has executed with other entities with regard to any of the following: a) Copies of materials related to distribution undergrounding projects. b) Entities who perform labor related to distribution undergrounding projects. c) Entities who assist PG&E with planning, environmental review, and other similar non-construction tasks related to distribution undergrounding projects. d) Any other entities who provide goods or services to PG&E in relation to distribution undergrounding projects.	The attachments to the response contain CONFIDENTIAL information and are being provided pursuant to the accuracy/confidentiality declaration "WMP-Discovery2023_DR_CaPA/California_032-0003 - Confidentiality Declaration." PG&E does not have a sole-source contract process that minimizes state and federal liability source contracting law. Instead, PG&E has a direct award process that documents contracts that are awarded under certain state franchise laws to suppliers that are not public entities. PG&E currently uses a Direct Award Documentation (DAD) form to document our direct awards. PG&E identified two direct award contracts that we have executed with entities providing goods and/or services related to system hardening distribution undergrounding projects. The population of contracts PG&E reviewed included contracts for the period from 2020 and 2023 and where the total contract period during that period was greater than \$100,000. 1. WMP-Discovery2023_DR_CaPA/California_032-0003A01DC0E.pdf 2. WMP-Discovery2023_DR_CaPA/California_032-0003A01DC0E.pdf 3. WMP-Discovery2023_DR_CaPA/California_032-0003A01DC0E.pdf 4. WMP-Discovery2023_DR_CaPA/California_032-0003A01DC0E.pdf 5. WMP-Discovery2023_DR_CaPA/California_032-0003A01DC0E.pdf 6. WMP-Discovery2023_DR_CaPA/California_032-0003A01DC0E.pdf Attachments 01-03 are the Direct Award Documentation and Contract, including Contract Change Order for the first vendor who received a direct award contract. Attachments 04-05 are the Direct Award Documentation and Contract for the second vendor who received a direct award contract. a) See response to part a. b) See response to part a. c) See response to part a. d) See response to part a.	Holy Wellman	10/31/2023	12/1/2023	12/1/2023	https://www.pge.com/content/dam/pge/docs/2023/011-03.pdf	5	NA	8.1.2	Grid Design, Operations, and Maintenance	Grid Design and System Hardening
482	CaPA	Set WMP-32	CaPA_Set WMP-32	4	CaPA_Set WMP-32_04	Describe all vegetation management activities that PG&E typically performs around the following line types: a) Aboveground distribution mains located in HFTH/HFRA. b) Aboveground distribution services located in HFTH/HFRA. c) Aboveground distribution services located in PFTD/HFRA. d) Right-of-way for underground distribution located in PFTD/HFRA.	a) We reviewed the question to address Primary Distribution voltages 4KV, 12KV, 17KV and 21KV. The following programs target work on OHL facilities: 1. Annual Routine Tree Inspection (system-wide at all the miles), resulting pruning and tree removal. 2. Pruning to maintain 18 inches of clearance clearance inside PFTD and HFRA. 3. Pruning to maintain 4 feet of year-round clearance inside PFTD and HFRA and pruning to maintain 4 feet of clearance inside SRA during incipient fire season. 4. Maintenance of Overhang removal in EVM circuit segments completed 01/15/2023 5. Mitigation up to complete tree removal for hazardous tree conditions identified during tree inspections or through PG&E's attention by other inspection programs, customer, or agency notification. 6. Second Pruned Tree Inspection in PFTD and HFRA, resulting pruning and tree removal. 7. Second inspections approximately 6 months after Annual Routine Inspections to identify emerging hazardous tree conditions. WMP-Discovery2023_DR_CaPA/California_032-0004 Page 2 8. Tree Monthly 9. Photo Tree work based on local tree specific conditions. b) Address tree responses (growth) that the annual pruning currently mitigates to maintain compliance with Minimum Distance Requirements. c) Vegetation Control (firebreak maintenance) in SRA/HFRA and HFRA d) All poles supporting equipment not specifically exempted by 14 CCR 016 e) Additional tree work in PFTD and HFRA supporting the same equipment requiring firebreak in SRA and HFRA f) Trees that are all maintained and evaluated for risk g) Low risk poles are not maintained unless conditions change h) Risk trees (non-compliant and non-compliant locations) i) Risk trees (non-compliant and non-compliant locations) j) Risk trees (non-compliant and non-compliant locations) k) Risk trees (non-compliant and non-compliant locations) l) Risk trees (non-compliant and non-compliant locations) m) Risk trees (non-compliant and non-compliant locations) n) Risk trees (non-compliant and non-compliant locations) o) Risk trees (non-compliant and non-compliant locations) p) Risk trees (non-compliant and non-compliant locations) q) Risk trees (non-compliant and non-compliant locations) r) Risk trees (non-compliant and non-compliant locations) s) Risk trees (non-compliant and non-compliant locations) t) Risk trees (non-compliant and non-compliant locations) u) Risk trees (non-compliant and non-compliant locations) v) Risk trees (non-compliant and non-compliant locations) w) Risk trees (non-compliant and non-compliant locations) x) Risk trees (non-compliant and non-compliant locations) y) Risk trees (non-compliant and non-compliant locations) z) Risk trees (non-compliant and non-compliant locations)	Holy Wellman	10/31/2023	11/14/2023	11/14/2023	https://www.pge.com/content/dam/pge/docs/2023/011-04.pdf	0	NA	8.2	Vegetation Management and Inspections	NA
483	CaPA	Set WMP-32	CaPA_Set WMP-32	5	CaPA_Set WMP-32_05	Please estimate the typical, annual cost per mile of vegetation management activities that PG&E performs around the following line types: a) Aboveground distribution mains located in HFTH/HFRA. b) Aboveground distribution services located in HFTH/HFRA. c) Aboveground distribution services located in PFTD/HFRA. d) Right-of-way for underground distribution located in PFTD/HFRA.	Please see table below for annual and Second Pruned tree removal savings cost per mile of VM Distribution programs based on 2022 annual spend and 2022 actual miles. PG&E tracks costs for annual VM program and does not track these numbers by Non-PFTD versus PFTD/HFRA, etc. Please note that annual costs per mile are currently available for TR, FTL and VMMA as these programs were reintroduced in 2023. Program Cost Per Mile Recent \$E05 based on 2022 Second Pruned \$E16 based on 2022 FTL Unavailable VMOM Unavailable VM activities on aboveground distribution services occur simultaneously with the activities completed for distribution mains. Please see table in part 'a' for the average cost per mile for VM activities completed within the Routine and Second Pruned program. WMP-Discovery2023_DR_CaPA/California_032-0005 Page 2 a) Please see table in part 'a' for any costs associated with VM activities in PFTD/HFRA. b) Not applicable as VM does not include inspections on right-of-way (ROW) for underground distribution lines. c) Not applicable as VM does not include inspections on right-of-way (ROW) for underground distribution lines. d) Not applicable as VM does not include inspections on right-of-way (ROW) for underground distribution lines.	Holy Wellman	10/31/2023	11/14/2023	11/14/2023	https://www.pge.com/content/dam/pge/docs/2023/011-05.pdf	5	NA	8.2	Vegetation Management and Inspections	NA
484	CaPA	Set WMP-32	CaPA_Set WMP-32	6	CaPA_Set WMP-32_06	Can PG&E understand that, in every project to replace overhead line distribution with covered conductor, PG&E will perform pole loading calculations for every pole in the project. All of the above characterization correct? Please elaborate if incorrect. a) PG&E has a threshold safety factor for other than from a pole loading calculation) in which it will replace poles in a project? b) If the answer to part (a) is yes, please describe PG&E's threshold(s). c) If the answer to part (b) is no, please explain how PG&E determines which poles to replace in a project. d) If not applicable, please see the response to subpart (b).	PG&E understands that, in every project to replace overhead line distribution with covered conductor, PG&E will perform pole loading calculations for every pole in the project. All of the above characterization correct? Please elaborate if incorrect. a) PG&E has a threshold safety factor for other than from a pole loading calculation) in which it will replace poles in a project? b) If the answer to part (a) is yes, please describe PG&E's threshold(s). c) If the answer to part (b) is no, please explain how PG&E determines which poles to replace in a project. d) If not applicable, please see the response to subpart (b).	Holy Wellman	10/31/2023	11/14/2023	11/14/2023	https://www.pge.com/content/dam/pge/docs/2023/011-06.pdf	1	NA	7.2	Wildfire Mitigation Strategy Development	Wildfire Mitigation Strategy

485	CAIPA	Set WMP-32	CAIPA_Set WMP-32_Q7	7	CAIPA_Set WMP-32_Q7	<p>Please provide the results of all pole loading calculations performed as part of all bare-to-covered conductor replacement projects in 2022 and 2023 as of October 1, 2023. The report contain the following information as per Rule 32-1.2:</p> <ol style="list-style-type: none"> (a) Estimated safety factor before conductor replacement (covered conductor). (b) Estimated safety factor after conductor replacement (covered conductor). (c) Estimated safety factor after conductor replacement (covered conductor). (d) Whether the pole was actually replaced. 	<p>Please reference attachment "WMP-Discovery2023_DR_CalAdvocate035-20231010181401" for a list of pole loading calculations performed as part of covered conductor projects that were conducted in 2022 and have completed the quality verification process. Projects constructed in 2022 are still undergoing quality verification and have not been included in this report.</p> <p>The report contains the following information:</p> <ol style="list-style-type: none"> The Pole SAP Equipment ID for the in-service poles. The Safety Factor before covered conductor installation. The Safety Factor after covered conductor installation. The "In-Service" Pole Status, options for this data field are as follows: <ul style="list-style-type: none"> "Capacity" means that the pole did not need to be replaced as a result of covered-conductor installation. "Replaced" means that the pole was replaced as part of the covered conductor installation project. "New" means that the pole is newly required as part of the covered conductor installation project. If the location of the pole is not listed in this location for the covered conductor installation project. <ol style="list-style-type: none"> Work Item Number Work Item Description Work Item Date Work Item Status 	Holly Weisman	10/01/2023	11/14/2023	11/14/2023	https://www.sage.com/hunter/dam/epss/ocw/ocw-act/capra/epss-discovery-wmp-32-caipa-calcadvocate-032.pdf	1	NA	7.2	Wildfire Mitigation Strategy Development	Wildfire Mitigation Strategy
486	CAIPA	Set WMP-32	CAIPA_Set WMP-32_Q8	8	CAIPA_Set WMP-32_Q8	<p>For each year from 2020 through 2023, please provide us with pole loading calculations performed as part of bare-to-covered conductor replacement projects. For each calculation, provide the calculation as per Rule 32-1.2.</p> <ol style="list-style-type: none"> (a) The full calculation inputs. (b) The full calculation outputs. (c) Any interpretations associated with the calculation (for example, a engineer's determination that the calculation demonstrates a pole must be replaced). 	<p>(a) (a) PG&E is providing the requested bare-to-covered conductor pole loading calculations for covered conductor projects from 2020, 2021, and 2022. Please see attachment "WMP-Discovery2023_DR_CalAdvocate_032-20231010181401" for the fully pole loading calculations provided. Each of these pole loading calculations includes the inputs, outputs, and associated interpretation (interpretations to clarify if the pole is new or existing).</p> <p>(b) Pole loading calculations for 2023 are still undergoing quality verification and have not been included.</p>	Holly Weisman	10/01/2023	11/14/2023	11/14/2023	https://www.sage.com/hunter/dam/epss/ocw/ocw-act/capra/epss-discovery-wmp-32-caipa-calcadvocate-032.pdf	1	NA	7.2	Wildfire Mitigation Strategy Development	Wildfire Mitigation Strategy
487	OESB	OIS	OESB_OIS_O1	1	OESB_OIS_O1	<p>Regarding construction of 2024/2025 segments, a PG&E 2023-2025 WMP Revision 3, Table 6.1.7.2 (page 555) shows that PG&E expects to close 66,200 loading distribution ignition risk tags in 2024 and 65,000 loading distribution ignition risk tags in 2025. PG&E indicates in Tables 6.1.7.2 and 6.1.7.3 that the 2024 and 2025 tags do not reflect the same expected number of loading ignition risk tags outlined in Tables 6.1.7.2 and 6.1.7.3. We request three separate items of information:</p> <ol style="list-style-type: none"> (a) Can you clarify the difference between the 66,200 and 65,000 loading distribution ignition risk tags in 2024 and 65,000 loading distribution ignition risk tags in 2025? (b) Can you clarify what the difference between the 66,200 and 65,000 loading distribution ignition risk tags in 2024 and 65,000 loading distribution ignition risk tags in 2025 (Table 6.1.7.2, page 555) is the targets outlined in Tables 6.1.7.2 and 6.1.7.3? 	<p>The discrepancy between the two tables reflects expected multi-year planning versus a comparison to the minimum required tags to meet our risk reduction targets. The 66,200 tags represent the minimum required tags to meet our risk reduction targets while the 65,000 tags represent the minimum required tags to meet our risk reduction targets in the tag backlog which we set as the target in our initial WMP submission. Given the loading approach required for the additional risk reduction targets, we anticipated that we will be able to complete a larger number of tags than what is specified in the minimum required tags and were initially set forth in Table 6.1.7.2, both sets. Additionally, the population of tags allowed to use is being reviewed. The population of the initial backlog population when included in writing Table 6.1.7.2 for the Revision 3 response includes some tags allowed to use in 2024. These tags were not part of the initial backlog population when the WMP target was written earlier in the year. This Table 6.1.7.2 is based on the backlog population at the time of writing the initial 2023 WMP, while Table 6.1.7.2 reflects a more current view of the tag population.</p>	Dakota Smith	11/03/2023	11/08/2023	11/08/2023	https://www.sage.com/hunter/dam/epss/ocw/ocw-act/capra/epss-discovery-wmp-32-caipa-calcadvocate-033.pdf	0	NA	8.1.17	Open Work Orders	NA
488	CAIPA	Set WMP-33	CAIPA_Set WMP-33_Q1	1	CAIPA_Set WMP-33_Q1	<p>Please provide an Excel sheet listing (a) new, used, and closed work order ("tag") that was open as of June 30, 2023, and was a Level A or B tag. For each tag, provide the following information in separate columns:</p> <ol style="list-style-type: none"> (a) Work order ID number (b) Equipment type (c) Asset type: Distribution or transmission (d) GD 35 Rule 12 priority level of the tag (e) Utility-specific priority level (A or B) (f) Date the tag was originally created (g) Date date of the original work order (h) Most recent date the work order was resubmitted or modified (if applicable) (i) Date date of the work order after it was resubmitted or modified (if applicable) (j) Date the work order was completed or closed, if any. <p>Note: work tags through 11/30/2023 remain the GDR for Q3 of 2023.</p>	<p>Please see attachment "WMP-Discovery2023_DR_CalAdvocate_033-20231010181401" for the requested data.</p> <p>The data in columns A through J of the attachment has been provided from the 2023 Q3 GDR in any tags where the original priority level is A or B, where the utility specific priority level at the end of Q3 is A or B (column M). The columns K, L, and N, have been provided for the date the tag was completed and closed. Column K indicates the date the work was completed in the field and column L indicates the date of closure in SAP. Field completion and closure dates were pulled on November 21.</p>	Aaron Loken	11/09/2023	11/08/2023	11/08/2023	https://www.sage.com/hunter/dam/epss/ocw/ocw-act/capra/epss-discovery-wmp-33-caipa-calcadvocate-033.pdf	1	NA	8.1.17	Open Work Orders	NA
489	CAIPA	Set WMP-33	CAIPA_Set WMP-33_Q2	2	CAIPA_Set WMP-33_Q2	<p>Please provide an Excel sheet listing (a) new, used, and closed work order ("tag") that was open as of September 25, 2023, and was a Level A or B tag. For each tag, provide the following information in separate columns:</p> <ol style="list-style-type: none"> (a) Work order ID number (b) Equipment type (c) Asset type: Distribution or transmission (d) GD 35 Rule 12 priority level of the tag (e) Utility-specific priority level (A or B) (f) Date the tag was originally created (g) Date date of the original work order (h) Most recent date the work order was resubmitted or modified (if applicable) (i) Date date of the work order after it was resubmitted or modified (if applicable) (j) Date the work order was completed or closed, if any. 	<p>On November 11, 2023, PG&E confirmed with Cal Advocates that providing data as of September 25, 2023, is sufficient for this response.</p> <p>Please see attachment "WMP-Discovery2023_DR_CalAdvocate_033-20231010181401" for the requested data.</p> <p>The data in columns A through J of the attachment has been provided from the 2023 Q3 GDR in any tags where the original priority level is A or B, where the utility specific priority level at the end of Q3 is A or B (column M). The columns K, L, and N, have been provided for the date the tag was completed and closed. Column K indicates the date the work was completed in the field and column L indicates the date of closure in SAP. Field completion and closure dates were pulled on November 21.</p>	Aaron Loken	11/09/2023	11/08/2023	11/08/2023	https://www.sage.com/hunter/dam/epss/ocw/ocw-act/capra/epss-discovery-wmp-33-caipa-calcadvocate-033.pdf	1	NA	8.1.17	Open Work Orders	NA
490	CAIPA	Set WMP-33	CAIPA_Set WMP-33_Q3	3	CAIPA_Set WMP-33_Q3	<p>Please provide an Excel sheet listing (a) new, used, and closed work order ("tag") that was open as of November 3, 2023, and was a Level A or B tag. For each tag, provide the following information in separate columns:</p> <ol style="list-style-type: none"> (a) Work order ID number (b) Equipment type (c) Asset type: Distribution or transmission (d) GD 35 Rule 12 priority level of the tag (e) Utility-specific priority level (A or B) (f) Date the tag was originally created (g) Date date of the original work order (h) Most recent date the work order was resubmitted or modified (if applicable) (i) Date date of the work order after it was resubmitted or modified (if applicable) (j) Date the work order was completed or closed, if any. 	<p>Please see attachment "WMP-Discovery2023_DR_CalAdvocate_033-20231010181401" for the requested data.</p> <p>The data provided was calculated using the Quarterly Data Report tool on November 3, 2023. Since the QDR pulls data on a date that is less than one day, the output reflects the data in SAP for November 5, 2023. The data in columns A through J of the attachment has been provided from the 2023 Q3 GDR in any tags where the original priority level is A or B, where the utility specific priority level at the end of Q3 is A or B (column M). The columns K, L, and N, have been provided for the date the tag was completed and closed. Column K indicates the date the work was completed in the field and column L indicates the date of closure in SAP. Field completion and closure dates were pulled on November 21.</p>	Aaron Loken	11/09/2023	11/08/2023	11/08/2023	https://www.sage.com/hunter/dam/epss/ocw/ocw-act/capra/epss-discovery-wmp-33-caipa-calcadvocate-033.pdf	1	NA	8.1.17	Open Work Orders	NA
491	CAIPA	Set WMP-34	CAIPA_Set WMP-34_Q1	1	CAIPA_Set WMP-34_Q1	<p>The following questions pertain to PG&E's 2023-2025 WMP Revision 3, submitted on September 27, 2023.</p> <p>Page 1122 of your 2023 WMP R3 decreases the 2022 EPSS Reliability Study's Multiple Outage Review (MOR), Reserve Energy Parties (REP) Independent Safety Monitor (ISM) Studies Report, October 6, 2023 (ISM Report) to decrease the MOR program at p. 12, Item 5.</p> <p>For 2022, over 20 circuits underwent three in-depth reviews, generating approximately 1400 action items. The program continued into 2023 with 35 circuits having had additional MORE ISM annuals of these circuits being on this report or their reviews through August, generating an additional 153 MORE action items."</p> <ol style="list-style-type: none"> (a) Please provide a table or Excel sheet showing the results of each MOR for 2022, including the following, in separate columns: <ol style="list-style-type: none"> (i) The CPQ's that underwent review. (ii) The result of each CPQ's review. (iii) If the CPQ's review had action items generated, in detail about each action item, if applicable. (iv) If an action item was not created, provide a brief explanation as to why. (v) Completion date of each action item, if applicable. (vi) The date each action item was completed, if applicable. (vii) If an action item was not completed by its due date, provide a brief explanation as to why it was not completed on time. (b) Please provide a table or Excel sheet showing the results of each MOR for 2023, including the following, in separate columns: <ol style="list-style-type: none"> (i) The CPQ's that underwent review. (ii) The result of each CPQ's review. (iii) If the CPQ's review had action items generated, in detail about each action item, if applicable. (iv) If an action item was not created, provide a brief explanation as to why. (v) Completion date of each action item, if applicable. (vi) The date each action item was completed, if applicable, and. (vii) If an action item was not completed by its due date, provide a brief explanation as to why it was not completed on time. 	<p>In the summer of 2022, an initial Multiple Outage Review and Evaluation (MORE) process began, with the objective to identify circuits where there was an increased frequency of customer experiencing EPSS outages. The data from the review was used to identify circuits where the EPSS Outage team, jointly supported by the MORE team, needed to be formed to conduct Action Items at all circuits. The target timeframe was to complete the MORE program by the end of 2023. The target timeframe was to complete the MORE program by the end of 2023. The target timeframe was to complete the MORE program by the end of 2023.</p> <p>The MORE program was formalized in 2023 and evolved from a circuit level view to a more targeted device level view with increased maturity. The MORE process has comprehensively more details in 2023 than in 2022 due to refinements in technology and processes. This includes the creation of Action Items from training from manual process in 2022 to a digital platform in 2023. As a result of the migration to a technology-based tracking system, there are duplicate records for the same actions as indicated in the attached data. If an Action item was created in both the digital platform and the manual tracking device the tracking period and due date marked complete in the digital platform but on the legacy manual track, that has been marked accordingly in the attached data. Other remaining circuits in device tags are in review in 2022 and 2023. The EPSS Operations team identified whether additional mitigation actions would or would not be initiated from the EPSS Operations Team to improve reliability. This could have been the result of factors including, but not limited to: EPSS outage profiles, ongoing actions to other MOE teams, external conditions, and team issues with a repair device or circuit.</p> <p>Please see "WMP-Discovery2023-2025_DR_CalAdvocate_034-20231010181401" for details regarding questions 1(a), 1(b), and 1(c) for 2022 and 2023, respectively.</p>	Justin Hepler	12/03/2023	11/09/2024	11/09/2024	https://www.sage.com/hunter/dam/epss/ocw/ocw-act/capra/epss-discovery-wmp-34-caipa-calcadvocate-034.pdf	1	NA	8.1.8.11	Grid Operations and Procedures	Protective Equipment and Device Settings
492	CAIPA	Set WMP-34	CAIPA_Set WMP-34_Q2	2	CAIPA_Set WMP-34_Q2	<p>Please explain the criteria for including a CPZ in a MOR for 2022.</p> <p>Please explain the criteria for including a CPZ in a MOR for 2023.</p> <p>Please explain the criteria for not including a CPZ in a MOR for 2022.</p> <p>Please explain the criteria for not including a CPZ in a MOR for 2023.</p>	<p>The criteria for a Multiple Outage Review and Evaluation (MORE) involved in response to an increased number of customer experiencing outage due to EPSS production across the system. The MORE process was formalized in 2023 and evolved from a circuit level view to a more targeted device level view with increased maturity. In both, the primary alignment of circuits and devices being reviewed was the number of EPSS outages.</p> <p>(a) For 2022 the outage review process included the following for EPSS circuits: <ol style="list-style-type: none"> (i) Number of EPSS Outages (with a minimum of five for the circuit) (ii) Exclusions from EPSS Leadership (iii) Exclusions from Customer Team (iv) Exclusions from Regional VIT Team (v) Circuits by EPSS CEM 5+ count </p> <p>For 2023, the criteria for the MORE process included the following for EPSS circuits: <ol style="list-style-type: none"> (i) Number of EPSS Outages on a rolling 60-day basis (with minimum of three in the timeframe for the device) (ii) Exclusions from EPSS Leadership (iii) Exclusions from Customer Team (iv) Exclusions from Regional VIT Team </p> <p>(b) If a circuit did not meet the criteria above in part (a), it was not reviewed as a part of the outage review process in 2022.</p> <p>(c) If it circuits did not meet the criteria above in part (b), it was not reviewed as a part of the MORE process in 2023.</p>	Justin Hepler	12/03/2023	11/09/2024	11/09/2024	https://www.sage.com/hunter/dam/epss/ocw/ocw-act/capra/epss-discovery-wmp-34-caipa-calcadvocate-034.pdf	0	NA	2022 WMP Section 1.1	Wildfire Mitigation Strategy Development	NA
493	CAIPA	Set WMP-34	CAIPA_Set WMP-34_Q3	3	CAIPA_Set WMP-34_Q3	<p>Regarding circuits with EPSS capabilities:</p> <ol style="list-style-type: none"> (a) Provide a table or Excel sheet of operations and claims filed by customers related to outages on circuits with EPSS ratings available at the time of outage. For each item, provide the following information in separate columns: <ol style="list-style-type: none"> (i) The Circuit name and ID associated with the claim. (ii) The date each claimant or claim was received. (iii) The name of each claimant. (iv) Resolution of each claimant. (v) Date date of each resolution. (vi) Actual completion date of each resolution. (b) Provide an updated excel table of "EPSS Outage Monthly Report, 10/22/2018-10/31/2022" provided to SED that includes columns for "CPZ" in the "EPSS Outage - 2021 Season" tab. 	<p>(a) Please see "WMP-Discovery2023-2025_DR_CalAdvocate_034-20231010181401" for the requested information.</p> <p>The EPSS Outage team is currently reviewing the information provided in the EPSS Outage Monthly Report and will provide the requested information to you by November 1, 2023.</p>	Justin Hepler	12/03/2023	11/09/2024	11/09/2024	https://www.sage.com/hunter/dam/epss/ocw/ocw-act/capra/epss-discovery-wmp-34-caipa-calcadvocate-034.pdf	3	NA	8.1.8.11	Grid Operations and Procedures	Protective Equipment and Device Settings

505	CaPA	Sat WMP-36	CaPA_Sat WMP-36	3	CaPA_Sat WMP-36_03	<p>Table 7 of PG&E's 2023 Q4 DQR does not reflect the planned or actual net addition or removal values reported in Table 8.</p> <p>As Please provide clarification on how PG&E responds and uses the term "fully infrastructure eligible".</p> <p>By the data published version 3.2, there is a change in the "fully infrastructure eligible" values reported for metric number 1.3.3.1 in Q3 2023 and Q4 2023.</p>	Franky Liao	3/8/2024	3/9/2024	3/9/2024	https://www.pge.com/~/media/Files/2024/04/09/2023-2024-Quarterly-Data-Report-Table-8-Updated-04-09-2024.pdf	0	NA	QDR	NA	NA
506	CaPA	Sat WMP-36	CaPA_Sat WMP-36	4	CaPA_Sat WMP-36_04	<p>Table 9 of PG&E's 2023 Q4 DQR reports on the utility's infrastructure eligible.</p> <p>By the data published version 3.2, there is a change in the "fully infrastructure eligible" values reported for metric number 1.3.3.1 in Q3 2023 and Q4 2023.</p>	Franky Liao	3/8/2024	3/9/2024	3/9/2024	https://www.pge.com/~/media/Files/2024/04/09/2023-2024-Quarterly-Data-Report-Table-9-Updated-04-09-2024.pdf	0	NA	QDR	NA	NA
507	CaPA	Sat WMP-40	CaPA_Sat WMP-40	1	CaPA_Sat WMP-40_01	<p>PG&E issues on page 23 of its 2023 WMP Update regarding its workflow for undergrounding and covered conductor projects.</p> <p>PG&E is currently relying on worksheets for both overhead hardening and undergrounding projects through the end of the GRC period (2026) to account for the deflection provided in D-23-11-069. As we update the worksheets, we continue the approach described in the 2023-2024 WMP update (including the updated additional miles) and the worksheet to account for overhead hardening to individual projects such as property access, weather, permitting, and begin activities, including, or other constraints. Thus, a portion of the projects included in the worksheets may not be completed. Finally, additional projects may be identified and added to the worksheet going forward for project completion between 2023 and 2026.</p> <p>(a) Please identify PG&E's intended cost recovery venue for the above-mentioned overhead hardening projects not completed in the 2023-26 timeframe.</p> <p>(b) Please identify PG&E's intended cost recovery venue for the above-mentioned overhead hardening projects not completed in the 2023-26 timeframe.</p> <p>(c) Please identify PG&E's intended cost recovery venue for the above-mentioned "additional projects" that may be identified and added to the worksheet.</p>	Mike Gordon	4/5/2024	4/10/2024	4/10/2024	https://www.pge.com/~/media/Files/2024/04/05/2023-2024-Quarterly-Data-Report-Table-10-Updated-04-05-2024.pdf	0	NA	6.1.2	Section 8.1.2 - Grid Design and System Hardening	8.1.2.2 Undergrounding of electric lines and/or equipment
508	CaPA	Sat WMP-40	CaPA_Sat WMP-40	2	CaPA_Sat WMP-40_02	<p>PG&E issues on page 23 of its 2023 WMP Update regarding its workflow for undergrounding projects.</p> <p>PG&E is currently relying on worksheets for both overhead hardening and undergrounding projects through the end of the GRC period (2026) to account for the deflection provided in D-23-11-069.</p> <p>Additional PG&E's issue 2023-2024 WMP update at page 608 around undergrounding mileage targets or forecasts: 350 miles in 2023, 250 miles in 2024, 330 miles in 2025, and 440 miles in 2026.</p> <p>At D-23-11-069 sets annual risk reduction targets to be achieved by undergrounding 4.4 in the 2023-2026 WMP period as a whole, does PG&E currently expect to fall short of, meet, or exceed the risk reduction target established in the GRC proceeding?</p> <p>(a) According to PG&E's current worksheet, what is the amount of risk reduction that PG&E expects to achieve in 2023 due to undergrounding projects?</p> <p>(b) How does your answer to part (a) compare to the risk reduction target established in D-23-11-069?</p> <p>(c) According to PG&E's current worksheet, what is the amount of risk reduction that PG&E expects to achieve in 2024 due to undergrounding projects?</p> <p>(d) How does your answer to part (c) compare to the risk reduction target established in D-23-11-069?</p> <p>(e) How does your answer to part (d) compare to the risk reduction target established in D-23-11-069?</p> <p>(f) Does PG&E anticipate completing additional undergrounding mileage in 2023-2026 beyond the GRC-authorized 2,200 undergrounding miles?</p> <p>(g) If yes, please advise the number of miles and PG&E's intended cost recovery venue for said miles.</p>	Mike Gordon	4/5/2024	4/10/2024	4/10/2024	https://www.pge.com/~/media/Files/2024/04/05/2023-2024-Quarterly-Data-Report-Table-11-Updated-04-05-2024.pdf	0	NA	8	Section 8.1.2 - Grid Design and System Hardening	8.1.2.2 Undergrounding of electric lines and/or equipment
509	CaPA	Sat WMP-40	CaPA_Sat WMP-40	3	CaPA_Sat WMP-40_03	<p>PG&E issues on page 23 of its 2023 WMP Update regarding its workflow for covered conductor projects.</p> <p>PG&E is currently relying on worksheets for both overhead hardening and undergrounding projects through the end of the GRC period (2026) to account for the deflection provided in D-23-11-069.</p> <p>Additional PG&E's issue 2023-2024 WMP update at page 608 around undergrounding mileage targets or forecasts: 350 miles in 2023, 250 miles in 2024, 330 miles in 2025, and 440 miles in 2026.</p> <p>At D-23-11-069 sets annual risk reduction targets to be achieved by installing covered conductor. In the 2023-2026 WMP period as a whole, does PG&E currently expect to fall short of, meet, or exceed the risk reduction target established in the GRC proceeding?</p> <p>(a) According to PG&E's current worksheet, what is the amount of risk reduction that PG&E expects to achieve in 2023 due to covered conductor projects?</p> <p>(b) How does your answer to part (a) compare to the risk reduction target established in D-23-11-069?</p> <p>(c) According to PG&E's current worksheet, what is the amount of risk reduction that PG&E expects to achieve in 2024 due to covered conductor projects?</p> <p>(d) How does your answer to part (c) compare to the risk reduction target established in D-23-11-069?</p> <p>(e) How does your answer to part (d) compare to the risk reduction target established in D-23-11-069?</p> <p>(f) Does PG&E anticipate completing additional covered conductor mileage in 2023-2026 beyond the GRC-authorized 778 covered conductor miles?</p> <p>(g) If yes, please advise the number of miles and PG&E's intended cost recovery venue for said miles.</p>	Mike Gordon	4/5/2024	4/10/2024	4/10/2024	https://www.pge.com/~/media/Files/2024/04/05/2023-2024-Quarterly-Data-Report-Table-12-Updated-04-05-2024.pdf	0	NA	8	Section 8.1.2 - Grid Design and System Hardening	8.1.2.1 Covered Conductor Installation - Distribution
510	CaPA	Sat WMP-40	CaPA_Sat WMP-40	4	CaPA_Sat WMP-40_04	<p>PG&E issues on page 23 of its 2023 WMP Update: "PG&E proposes to add a 2023 target (System Hardening - Transmission Conductor Segment Replacement (SHR)) to perform conductor segment replacement on two transmission lines."</p> <p>(a) What are the above-mentioned work requested and authorized in PG&E's Year 2023 GRC?</p> <p>(b) If yes, please provide the eMail and page number in PG&E's Year 2023 GRC worksheet that discusses the work, as well as the relevant Near Activity Type (MAT) code codes.</p> <p>(c) If yes, please provide the full authorized funding amount for the program as set forth in D-23-11-069, with a supporting justification.</p>	Mike Gordon	4/5/2024	4/10/2024	4/10/2024	https://www.pge.com/~/media/Files/2024/04/05/2023-2024-Quarterly-Data-Report-Table-13-Updated-04-05-2024.pdf	0	NA	8	Section 8.1.2 - Grid Design and System Hardening	8.1.2.5.1 Traditional Overhead Hardening - Transmission Conductor
511	CaPA	Sat WMP-40	CaPA_Sat WMP-40	5	CaPA_Sat WMP-40_05	<p>PG&E issues on page 3 of its 2023 WMP update that is introducing a new evaluation of its Wildfire Distribution Risk Model (WDRM), called WDRM v4.1 data. The update from the WDRM v4 is expected to inform some risk prioritized, short-cycle work in 2025 and other risk-prioritized long-cycle work in 2026 and beyond."</p> <p>(a) Please identify which WMP initiative for which WDRM v4.1 is expected to "inform risk-prioritized long-cycle work in 2025" and beyond?</p> <p>(b) When will WDRM v4.1 begin to inform the scoping and execution of undergrounding projects?</p> <p>(c) When does PG&E expect to begin conducting undergrounding projects that are impacted using WDRM v4.1?</p> <p>(d) When will WDRM v4.1 begin to inform the scoping and execution of covered conductor projects?</p> <p>(e) When does PG&E expect to begin conducting covered conductor projects that are impacted using WDRM v4.1?</p>	Mike Gordon	4/5/2024	4/10/2024	4/10/2024	https://www.pge.com/~/media/Files/2024/04/05/2023-2024-Quarterly-Data-Report-Table-14-Updated-04-05-2024.pdf	0	NA	6	Section 8 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models
512	CaPA	Sat WMP-40	CaPA_Sat WMP-40	6	CaPA_Sat WMP-40_06	<p>PG&E issues on page 3 of its 2023 WMP update that is introducing a new evaluation of its Wildfire Distribution Risk Model (WDRM), called WDRM v4.1 data. The update from the WDRM v4 is expected to inform some risk-prioritized, short-cycle work in 2025 and other risk-prioritized long-cycle work in 2026 and beyond."</p> <p>(a) When will WDRM v4.1 begin to inform the scoping and execution of undergrounding projects?</p> <p>(b) When does PG&E expect to begin conducting undergrounding projects that are impacted using WDRM v4.1?</p> <p>(c) When will WDRM v4.1 begin to inform the scoping and execution of covered conductor projects?</p> <p>(d) When does PG&E expect to begin conducting covered conductor projects that are impacted using WDRM v4.1?</p>	Mike Gordon	4/5/2024	4/10/2024	4/10/2024	https://www.pge.com/~/media/Files/2024/04/05/2023-2024-Quarterly-Data-Report-Table-15-Updated-04-05-2024.pdf	0	NA	6	Section 8 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models
513	CaPA	Sat WMP-40	CaPA_Sat WMP-40	7	CaPA_Sat WMP-40_07	<p>PG&E issues on page 31 of its 2023 WMP Update that is in response to ACO PG&E 23-03 - Unloading Grid Hardening Condition Making "PG&E is developing a WBCA (Wildfire Benefit Cost Analysis) tool to incorporate cost differences components, including transmission line cost and transmission infrastructure relocation."</p> <p>PG&E further states that undergrounding projects "supported with WBCA in 2024 and 2025 will likely have a completion date in 2027 or later."</p> <p>(a) Will the WBCA tool be used to scope any projects that are tracked in the System Hardening Accountability Report (SHAR) under D-23-11-069?</p> <p>(b) If the answer to part (a) is yes, please explain how this will be identified in the SHAR.</p> <p>(c) If the answer to part (a) is yes, please identify any changes to the SHAR template (e.g. adding fields) that would need to be made to include the necessary information to track such projects.</p> <p>(d) Does PG&E expect to request any changes to the SHAR to facilitate tracking projects supported using the WBCA? Please explain your rationale.</p>	Mike Gordon	4/5/2024	4/10/2024	4/10/2024	https://www.pge.com/~/media/Files/2024/04/05/2023-2024-Quarterly-Data-Report-Table-16-Updated-04-05-2024.pdf	0	NA	11.4	Appendix D - Asses for Continued Improvement	11.4 ACO PG&E-23-05 - Updating Grid Hardening Decision-Making

514	CaPA	Set WMP-41	CaPA_Set WMP-41-01	1	CaPA_Set WMP-41-01	<p>a) Please list all distinct risk scores generated by PG&E's WDRM v4. For example, WDRM v4 generated 17 different risk scores.4</p> <p>b) For each risk score in part (a), please provide a category or brief description of the type of risk the score represents.</p> <p>c) For each risk score in part (a), please provide a brief explanation of how PG&E intends to use the risk score.</p> <p>d) For each risk score in part (a), please list all PG&E wildfire mitigation initiatives that are informed by that risk score. If PG&E expects to utilize a risk score to inform a mitigation initiative in the future, please so note.</p> <p>e) For each risk score in part (a), please state the most granular level available for that risk score. For example, in WDRM v3, the most granular level available would be the risk scores associated with individual 100m x 100m parcels.</p> <p>f) For each risk score in part (a), please state the granularity at which the risk score is used to inform wildfire mitigation responses (e.g. circuit segment, circuit, individual asset, individual mile, etc.).</p>	Holy Wellman	4/20/24	4/1/2024	4/1/2024	https://www.pge.com/Fuel/Wildfire/Conductivity/Assessments/2023-2025_DR_CaPAAdvocates_041-020034A21CONF.pdf	0	NA	6	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models
515	CaPA	Set WMP-41	CaPA_Set WMP-41-02	2	CaPA_Set WMP-41-02	<p>a) Please list all composite (or aggregate) risk scores generated by PG&E's WDRM v4. For example, WDRM v4 generated five composite risk scores.</p> <p>b) For each risk score in part (a), please provide a category or brief description of the type of risk the score represents.</p> <p>c) For each risk score in part (a), please provide a brief explanation of how PG&E intends to use the risk score.</p> <p>d) For each risk score in part (a), please list all PG&E wildfire mitigation initiatives that are informed by that risk score. If PG&E expects to utilize a risk score to inform a mitigation initiative in the future, please so note.</p> <p>e) For each risk score in part (a), please state the most granular level available for that risk score. For example, in WDRM v3, the most granular level available would be the risk scores associated with individual 100m x 100m parcels.</p> <p>f) For each risk score in part (a), please state the granularity at which the risk score is used to inform wildfire mitigation responses (e.g. circuit segment, circuit, individual asset, individual mile, etc.).</p>	Holy Wellman	4/20/24	4/1/2024	4/1/2024	https://www.pge.com/Fuel/Wildfire/Conductivity/Assessments/2023-2025_DR_CaPAAdvocates_041-020034A21CONF.pdf	0	NA	6	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models
516	CaPA	Set WMP-41	CaPA_Set WMP-41-03	3	CaPA_Set WMP-41-03	<p>Questions 1-4 refer to the risk scores generated from WDRM v4. This should be understood to refer to PG&E's responses to questions 1 and 2 above. If PG&E processes geographical data that is not in the specific format requested in questions 3 and 4, but that PG&E believes substantially contains the information requested in questions 3 and 4, please contact the engineers to discuss the format of your responses.</p> <p>Question 1</p> <p>Please provide a GIS file that details the most granular level (as discussed in questions 1(a) and 2(a)) available for each risk score identified in questions 1(a) and 2(a). This file should contain the following:</p> <p>a) Current features detailing the most granular level available for each risk score. This may be polygons that represent trunks, trees that depict circuit segments, points that depict assets, or other geometry that best suits the relevant risk scores. If multiple risk scores share geometry (e.g., multiple risk scores that are used to inform mitigation measures at the circuit segment level), there is no need to include multiple layers that depict the same physical geometry.</p> <p>b) For each geometric feature, include the circuit identification number in an attribute.</p> <p>c) For each geometric feature, include the circuit segment name in an attribute.</p> <p>d) For each geometric feature, include the circuit asset name in an attribute.</p> <p>e) For each geometric feature, include the circuit segment name in an attribute.</p> <p>f) For each geometric feature, include the circuit asset name in an attribute.</p> <p>g) For each geometric feature, include the circuit segment name in an attribute.</p> <p>h) For each geometric feature, include the circuit asset name in an attribute.</p>	Holy Wellman	4/20/24	4/29/2024	4/29/2024	https://www.pge.com/Fuel/Wildfire/Conductivity/Assessments/2023-2025_DR_CaPAAdvocates_041-020034A21CONF.pdf	2	NA	6	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models
517	CaPA	Set WMP-41	CaPA_Set WMP-41-04	4	CaPA_Set WMP-41-04	<p>Please provide a GIS file that details the risk scores at the same granularity that is currently used to inform wildfire mitigation measures (as discussed in questions 1(f) and 2(f)). This file should contain the following:</p> <p>a) Current features detailing the most granular level available for each risk score. This may be polygons that represent trunks, trees that depict circuit segments, points that depict assets, or other geometry that best suits the relevant risk scores. If multiple risk scores share geometry (e.g., multiple risk scores that are used to inform mitigation measures at the circuit segment level), there is no need to include multiple layers that depict the same physical geometry.</p> <p>b) For each geometric feature, include the circuit identification number in an attribute.</p> <p>c) For each geometric feature, include the circuit segment name in an attribute.</p> <p>d) For each geometric feature, include the circuit asset name in an attribute.</p> <p>e) For each geometric feature, include the circuit segment name in an attribute.</p> <p>f) For each geometric feature, include the circuit asset name in an attribute.</p>	Holy Wellman	4/20/24	4/29/2024	4/29/2024	https://www.pge.com/Fuel/Wildfire/Conductivity/Assessments/2023-2025_DR_CaPAAdvocates_041-020034A21CONF.pdf	0	NA	6	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models
518	CaPA	Set WMP-41	CaPA_Set WMP-41-05	5	CaPA_Set WMP-41-05	<p>Question 5 refers to the risk scores generated from WDRM v4. This should be understood to refer to PG&E's responses to questions 1 and 2 above.</p> <p>Please provide a spreadsheet that lists (a) (rows) each circuit segment that is included in the Wildfire Distribution Risk Model v4. This spreadsheet should include, at a minimum, the following columns:</p> <p>a) Name of ID number of each circuit segment.</p> <p>b) Circuit name for the circuit that each segment is part of.</p> <p>c) Normal voltage.</p> <p>d) The average risk (as defined) associated with each position of the circuit segment (as applicable, e.g., for post-based sub-models).</p> <p>e) The peak circuit of the circuit segment (as applicable, e.g., for post-based sub-models).</p> <p>f) The asset count of the circuit segment (as applicable, e.g., for asset-based sub-models).</p> <p>g) The risk values associated with each asset along the circuit segment (as applicable, e.g., for asset-based sub-models).</p> <p>h) Total overhead circuit-miles on the circuit segment.</p> <p>i) Total overhead PFID circuit-miles on the circuit segment.</p> <p>j) Total 2' overhead circuit-miles on the circuit segment.</p> <p>k) Total overhead circuit-miles on the circuit segment.</p> <p>l) Total overhead PFID underground circuit-miles on the circuit segment.</p> <p>m) Total 2' underground circuit-miles on the circuit segment.</p> <p>n) Total 2' underground circuit-miles on the circuit segment.</p> <p>o) A separate, labeled column for each risk score identified in question 1(a) that is used at the circuit segment level to inform wildfire mitigation initiatives. (We require multiple columns.)</p> <p>p) A separate, labeled column for each composite risk score identified in question 2(a) that is used at the circuit-segment level to inform wildfire mitigation initiatives. (We require multiple columns.)</p>	Holy Wellman	4/20/24	4/1/2024	4/1/2024	https://www.pge.com/Fuel/Wildfire/Conductivity/Assessments/2023-2025_DR_CaPAAdvocates_041-020034A21CONF.pdf	1	NA	6	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models
519	CaPA	Set WMP-41	CaPA_Set WMP-41-06	6	CaPA_Set WMP-41-06	<p>Pages 9-11 of PG&E's 2023 WMP Update discuss version 4 of PG&E's Wildfire Consequence Model. Please provide a GIS file that details the most granular level available for the Wildfire Consequence Model, version 4. This file should contain the following:</p> <p>a) Current features detailing the most granular level available for consequence in the CaPA Advocates' understanding that the consequence model uses "trees".</p> <p>b) For each geometric feature, please include all relevant consequence values (if there are multiple) as attributes.</p>	Holy Wellman	4/20/24	4/29/2024	4/29/2024	https://www.pge.com/Fuel/Wildfire/Conductivity/Assessments/2023-2025_DR_CaPAAdvocates_041-020034A21CONF.pdf	0	NA	6	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models
520	CaPA	Set WMP-41	CaPA_Set WMP-41-07	7	CaPA_Set WMP-41-07	<p>Please provide a GIS file that details the most granular level available for the Wildfire Consequence Model version used in the WDRM v4. This file should contain the following:</p> <p>a) Current features detailing the most granular level available for consequence in the CaPA Advocates' understanding that the consequence model uses "trees".</p> <p>b) For each geometric feature, please include all relevant consequence values (if there are multiple) as attributes.</p>	Holy Wellman	4/20/24	4/29/2024	4/29/2024	https://www.pge.com/Fuel/Wildfire/Conductivity/Assessments/2023-2025_DR_CaPAAdvocates_041-020034A21CONF.pdf	0	NA	6	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models
521	CaPA	Set WMP-41	CaPA_Set WMP-41-08	8	CaPA_Set WMP-41-08	<p>a) Has E3 or another entity completed an independent review of the WDRM v4?</p> <p>b) If the answer to part (a) is yes, please provide a copy of any reports and outputs from the independent review.</p> <p>c) If the answer to part (a) is no, when does PG&E expect the review to be completed (in calendar year), and by whom?</p>	Holy Wellman	4/20/24	4/1/2024	4/1/2024	https://www.pge.com/Fuel/Wildfire/Conductivity/Assessments/2023-2025_DR_CaPAAdvocates_041-020034A21CONF.pdf	0	NA	6	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models
522	CaPA	Set WMP-41	CaPA_Set WMP-41-09	9	CaPA_Set WMP-41-09	<p>a) Has PG&E created a detailed overview document that details the WDRM v4, similar to the "2021 Wildfire Distribution Risk Model Overview" that PG&E identified following the public review held on October 3 and 4, 2021?</p> <p>b) If the answer to part (a) is yes, please provide a copy of the document.</p> <p>c) If the answer to part (a) is no, does PG&E plan to create such a document?</p> <p>d) If the answer to part (c) is no, please explain why not.</p> <p>e) All the information you can give, when does PG&E expect the document to be completed?</p>	Holy Wellman	4/20/24	4/1/2024	4/1/2024	https://www.pge.com/Fuel/Wildfire/Conductivity/Assessments/2023-2025_DR_CaPAAdvocates_041-020034A21CONF.pdf	0	NA	6	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models
523	MDRA	Data Request No. 9	MDRA_Data Request No. 9	1	MDRA_Data Request No. 9_Q1	<p>Take PG&E's 1-3 Fire Probability Model Performance Performance:</p> <p>In the table, indicate which of the drivers of ignition from Primary Conductor (PC) and Secondary Conductor (SC) that PG&E identified following the public review held on October 3 and 4, 2021?</p> <p>If the answer to part (a) is yes, please provide a copy of the document.</p> <p>If the answer to part (a) is no, does PG&E plan to create such a document?</p> <p>If the answer to part (c) is no, please explain why not.</p>	Joseph Michael	4/20/24	4/1/2024	4/1/2024	https://www.pge.com/Fuel/Wildfire/Conductivity/Assessments/2023-2025_DR_CaPAAdvocates_041-020034A21CONF.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-25 Fire Potential Index (FPI) and Ignition Probability Weather (IPW) Enhancements
524	MDRA	Data Request No. 9	MDRA_Data Request No. 9	2	MDRA_Data Request No. 9_Q2	<p>Please provide information on the introduction of an "assessment of dry and conditions for predicting areas of high consequence."</p>	Joseph Michael	4/20/24	4/1/2024	4/1/2024	https://www.pge.com/Fuel/Wildfire/Conductivity/Assessments/2023-2025_DR_CaPAAdvocates_041-020034A21CONF.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-25 Fire Potential Index (FPI) and Ignition Probability Weather (IPW) Enhancements
525	MDRA	Data Request No. 9	MDRA_Data Request No. 9	3	MDRA_Data Request No. 9_Q3	<p>Will the "dry wet" consequence assessment also be couple to driver weather days also characterized by high winds?</p>	Joseph Michael	4/20/24	4/1/2024	4/1/2024	https://www.pge.com/Fuel/Wildfire/Conductivity/Assessments/2023-2025_DR_CaPAAdvocates_041-020034A21CONF.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-25 Fire Potential Index (FPI) and Ignition Probability Weather (IPW) Enhancements
526	MDRA	Data Request No. 9	MDRA_Data Request No. 9	4	MDRA_Data Request No. 9_Q4	<p>Will the "dry wet" weather days be associated with a probability driver also correlated with "dry wet" weather days and flows?</p>	Joseph Michael	4/20/24	4/1/2024	4/1/2024	https://www.pge.com/Fuel/Wildfire/Conductivity/Assessments/2023-2025_DR_CaPAAdvocates_041-020034A21CONF.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-25 Fire Potential Index (FPI) and Ignition Probability Weather (IPW) Enhancements

541	CaPA	Set WMP-42	CaPA_Set WMP-42	3	CaPA_Set WMP-42_03	<p>Page 7 of PG&E's 2025 WMP Update states, with regard to PG&E's distribution event probability models, the following efforts were made to improve asset, ignition, and outage data quality:</p> <ul style="list-style-type: none"> 1) List and explain the significant efforts discussed above. 	<p>Holly Wetman</p> <p>4/9/2024</p> <p>4/12/2024</p> <p>4/12/2024</p> <p>https://www.pge.com/Portals/0/Utilities/Utilities/2025%20WMP/2025%20WMP%20Update/2025%20WMP%20Update%20-%2003.pdf</p>	0	NA	6.2.2.2	6.0 Risk Methodology and Assessment	6.2.2.2 Consequence
542	CaPA	Set WMP-42	CaPA_Set WMP-42	4	CaPA_Set WMP-42_04	<p>Table PG&E-B-1.1.1 on page 8 of PG&E's 2025 WMP Update indicates that WORM of include wind direction in its vegetation models.</p> <ul style="list-style-type: none"> a) Describe how wind direction is incorporated in the vegetation models in WORM v4. b) List the data sources that PG&E uses to incorporate wind direction into its risk model. c) Describe the benefits of incorporating wind direction into the risk model. 	<p>Holly Wetman</p> <p>4/9/2024</p> <p>4/12/2024</p> <p>4/12/2024</p> <p>https://www.pge.com/Portals/0/Utilities/Utilities/2025%20WMP/2025%20WMP%20Update/2025%20WMP%20Update%20-%2004.pdf</p>	0	NA	6.2.1	6.0 Risk Methodology and Assessment	6.2.1 Risk and Risk Component Identification
543	CaPA	Set WMP-42	CaPA_Set WMP-42	5	CaPA_Set WMP-42_05	<p>Page 16 of PG&E's 2025 WMP Update states, "In the WORM system, we conducted this overly conservative approach by applying a remaining strength of 52% (equivalent to Condition Code 2) to reinforced poles, in order to provide more accurate results."</p> <p>State the basis for applying a remaining strength of 52% to reinforced poles.</p>	<p>Holly Wetman</p> <p>4/9/2024</p> <p>4/12/2024</p> <p>4/12/2024</p> <p>https://www.pge.com/Portals/0/Utilities/Utilities/2025%20WMP/2025%20WMP%20Update/2025%20WMP%20Update%20-%2005.pdf</p>	0	NA	6.2.2.2	6.0 Risk Methodology and Assessment	6.2.2.2 Consequence
544	CaPA	Set WMP-42	CaPA_Set WMP-42	6	CaPA_Set WMP-42_06	<p>Page 17 of PG&E's 2025 WMP Update states, "When viewed on a line weighted basis, the relative average risk of each transmission line can be viewed for heights. It should be noted that these risk weighted values will tend to be higher than values based on length."</p> <ul style="list-style-type: none"> a) Does PG&E plan to correct for the fact that risk weighted values tend to highlight short lines? b) If the answer to part (a) is no, explain the metrics PG&E plans to use. c) If the answer to part (a) is no, explain why not. 	<p>Holly Wetman</p> <p>4/9/2024</p> <p>4/12/2024</p> <p>4/12/2024</p> <p>https://www.pge.com/Portals/0/Utilities/Utilities/2025%20WMP/2025%20WMP%20Update/2025%20WMP%20Update%20-%2006.pdf</p>	0	NA	6.2.2.2	6.0 Risk Methodology and Assessment	6.2.2.2 Consequence
545	CaPA	Set WMP-42	CaPA_Set WMP-42	7	CaPA_Set WMP-42_07	<p>Page 24 of PG&E's 2025 WMP Update states that PG&E is adjusting target PS-01 (Reduce PSPS Impacts to Customers) in 2025 downward by 40% to account for a 40% decrease in underground cables.</p> <p>Does PG&E expect a similar reduction in the number of EPSS customer events mitigated in 2025? Explain your answer.</p>	<p>Holly Wetman</p> <p>4/9/2024</p> <p>4/12/2024</p> <p>4/12/2024</p> <p>https://www.pge.com/Portals/0/Utilities/Utilities/2025%20WMP/2025%20WMP%20Update/2025%20WMP%20Update%20-%2007.pdf</p>	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-14 Effectiveness Analysis for EPSS Modeling Implementation of DCD
546	CaPA	Set WMP-42	CaPA_Set WMP-42	8	CaPA_Set WMP-42_08	<p>Page 29 of PG&E's 2025 WMP Update states that PG&E's 2025 forecast capital expenditure associated with the transmission line system, operating EPSS-related outage repair capacity, and other transmission line system investments is \$1.2 billion, an increase of \$150 million from the 2023 WMP Update. Please explain why PG&E's capital forecast for 2025 will increase by a factor of 8.8 while the outage will increase by a factor of 4.</p>	<p>Holly Wetman</p> <p>4/9/2024</p> <p>4/12/2024</p> <p>4/12/2024</p> <p>https://www.pge.com/Portals/0/Utilities/Utilities/2025%20WMP/2025%20WMP%20Update/2025%20WMP%20Update%20-%2008.pdf</p>	0	NA	4.3	4.0 Overview of WMP	4.3 Proposed Expenditures
547	CaPA	Set WMP-42	CaPA_Set WMP-42	9	CaPA_Set WMP-42_09	<p>In comparison to PG&E's WORM v3, does WORM v4:</p> <ul style="list-style-type: none"> a) At least 10 percent or more of ignition into or out of the top ignition risk circuits, segments, or spans? If yes, please provide the data in the format of Table 1.1 in section 1.1.1 of the 2025 Wildlife Mitigation Plan Update Guidelines for both WORM v3 and v4. b) More 10 percent or more of EPSS risk into or out of the top EPSS risk circuits, segments, or spans? If yes, please provide the data in the format of Table 1.2 in section 1.1.2 of the 2025 Wildlife Mitigation Plan Update Guidelines for both WORM v3 and v4. 	<p>Holly Wetman</p> <p>4/9/2024</p> <p>4/12/2024</p> <p>4/12/2024</p> <p>https://www.pge.com/Portals/0/Utilities/Utilities/2025%20WMP/2025%20WMP%20Update/2025%20WMP%20Update%20-%2009.pdf</p>	1	NA	6.2.1	6.0 Risk Methodology and Assessment	6.2.1 Risk and Risk Component Identification
548	CaPA	Set WMP-43	CaPA_Set WMP-43	1	CaPA_Set WMP-43_01	<p>Does it not appear to be an option of covered conductor with both EPSS and DCD?</p> <ul style="list-style-type: none"> a) Did PG&E consider an alternative that consisted of covered conductor with EPSS and DCD? b) If the answer to part (a) is yes, why is this option not included as one of the possible alternatives in the WBCA? c) If the answer to part (a) is no, why not? 	<p>Holly Wetman</p> <p>4/12/2024</p> <p>4/12/2024</p> <p>4/12/2024</p> <p>https://www.pge.com/Portals/0/Utilities/Utilities/2025%20WMP/2025%20WMP%20Update/2025%20WMP%20Update%20-%2001.pdf</p>	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating Old Hetering Decision Making
549	CaPA	Set WMP-43	CaPA_Set WMP-43	2	CaPA_Set WMP-43_02	<p>The identified average effectiveness for alternative 9 (REFCL with covered conductor, EPSS, and DCD) is lower than the effectiveness for alternative 8 (EPSS).</p> <ul style="list-style-type: none"> a) Why does the effectiveness for alternative 9 appear lower than alternative 4, although alternative 9 appears to have more mitigation techniques? 	<p>Holly Wetman</p> <p>4/12/2024</p> <p>4/12/2024</p> <p>4/12/2024</p> <p>https://www.pge.com/Portals/0/Utilities/Utilities/2025%20WMP/2025%20WMP%20Update/2025%20WMP%20Update%20-%2002.pdf</p>	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating Old Hetering Decision Making

550	CaPA	Set WMP-43	CaPA_Set WMP-43	3	CaPA_Set WMP-43_03	Let the assumptions unique to each of the test alternatives.	<p>The assumptions for each of the 10 alternatives are as follows:</p> <p>Alt. 1 - Baseline There are no assumed savings or ignition reductions in the Baseline scenario.</p> <p>Alt. 2 - Underground Primary All primary overhead outages for lines that are underground are mitigated. 100% of ignition risk is reduced. Secondary/tertiary conductor phase-to-phase outage ignition reduction is significant, however, there is still a chance for contact failure. Secondary/tertiary conductor phase-to-ground ignition reduction is less than average. No additional ignition risk reduction is achieved via enhanced settings.</p> <p>Alt. 3 - Underground All All primary and secondary overhead outages for lines that are underground are mitigated. 100% of ignition risk is reduced. No additional ignition risk reduction is achieved via enhanced settings.</p> <p>Alt. 4 - Covered Conductor (CC) Overhead with EPSS and DCC Phase-to-phase outage risk is mostly reduced, but overhead construction still leaves potential for ignition. Phase-to-ground and line-to-ground outage ignition risk is less than average. Secondary/tertiary conductor phase-to-phase outage ignition reduction is significant, however, there is still a chance for contact failure. Secondary/tertiary conductor phase-to-ground ignition risk reduction was less than average. Additional ignition risk mitigation is achieved via enhanced settings.</p> <p>Alt. 5 - Bare Conductor (Rebuild) with EPSS and DCC Replacing overhead conductors, including removing splices & replacing joints, reduced most of the risk of phase conductor ignition types, however, there is still potential for ignition. There is phase-to-phase and phase-to-ground outage ignition reduction. Additional ignition risk mitigation is achieved via enhanced settings.</p> <p>Alt. 6 - Low Return with Remote Cut All primary overhead outages are mitigated, there are no overhead ignition events. Secondary/tertiary conductor phase-to-phase outage ignition risk reduction is significant, however, there is still a chance for contact failure. Secondary/tertiary conductor phase-to-ground outage ignition risk reduction is achieved via enhanced settings.</p>	Holy Wetman	4/12/2024	4/17/2024	4/17/2024	https://www.pge.com/Portal/Reports/Reports/2023/04/17/2023%20WMP%20Update%20Final.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating Grid Hardening Decision Making
551	CaPA	Set WMP-43	CaPA_Set WMP-43	4	CaPA_Set WMP-43_04	<p>The table notes, "All of these effectiveness values represent a blended average effectiveness at the circuit segment level with the exception of 'Alt. 3 - REFLC, CC Overhead, EPSS and DCC which is a substation effectiveness score. For all substations are capable of having REFLC applied, and it cannot be isolated to a circuit segment only."</p> <p>(a) Explain the difference in "substation effectiveness score" and "blended average effectiveness at the circuit segment level."</p> <p>(b) Does alternative one assume that, for circuits where REFLC cannot be applied to the substation, there are no mitigation options?</p> <p>(c) If the answer to part (b) is yes, state the basis for the assumption.</p> <p>(d) Does the low PG&E would implement alternative 3 on circuits served by substations where REFLC could not be applied.</p>	<p>1) "Substation effectiveness score" starts with a partial preliminary review. All requirements for REFLC must be met to pass. The preliminary screening requirements are:</p> <ul style="list-style-type: none"> 1) Single voltage 3 wire 12 kV substation. 2) 100% of 200 kV cables in MFTD. 3) No auto-transformer located inside the substation. 4) The total charging current not exceeding 187 amps for each Distribution Transformer Bank in a substation, and 5) and then 50% of the required field measurements outside of the substation. <p>Blended average effectiveness refers to the average effectiveness of REFLC based on weather days with maintenance off.</p> <p>(b) For all substations where REFLC cannot be applied due to technical feasibility, we included them from the study all together. Therefore, Alternative 3 only shows effectiveness on substations where REFLC is implemented.</p> <p>(c) The substations that were excluded were not included in the base dataset for the REFLC effectiveness calculation.</p> <p>(d) To implement REFLC on these circuits, additional engineering review of the substation layout would be performed to ensure adequate room for installation of the REFLC equipment and review of substation and distribution equipment ratings to identify necessary upgrades to allow for REFLC operation. REFLC would be applied independently of other mitigation. Additional CPEA review would be needed to determine which segments should receive covered conductor and which should include underground in shared such that we don't compromise REFLC.</p> <p>(e) PG&E would not implement alternative 3 on substations that do not meet the preliminary review for REFLC requirements. These substations would be evaluated separately.</p>	Holy Wetman	4/12/2024	4/26/2024	4/17/2024	https://www.pge.com/Portal/Reports/Reports/2023/04/17/2023%20WMP%20Update%20Final.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating Grid Hardening Decision Making
552	CaPA	Set WMP-43	CaPA_Set WMP-43	5	CaPA_Set WMP-43_05	<p>Alternative 6 is the only alternative that appears to include PG&E. As to PG&E considered in any of the other alternatives?</p> <p>(a) How does alternative 6 differ from other alternatives that appear to include more mitigation techniques?</p> <p>(b) If the answer to part (a) is no, why not?</p>	<p>(a) No, PG&E is not considered in any of the other alternatives.</p> <p>(b) The study did not evaluate the effectiveness of PG&E for alternative 6. The observed effectiveness of PG&E (75%) was applied to the overall risk reduction. The expected effectiveness of PG&E was calculated based on each mitigation's effectiveness in preventing an ignition resulting from a 2000 volt fault. The effectiveness of PG&E was calculated based on the PG&E historical FTD outage dataset between 2015 and 2022. The study for PG&E cannot be completed in the same manner because an expected outage cannot occur.</p> <p>Substation to apply PG&E as an alternative.</p> <p>(c) Approximately 133 distribution substations were circuit segments within FTD FRAs.</p> <p>(d) After preliminary screening, 302 of these distribution substations are not feasible for REFLC application.</p> <p>(e) Please see attachment WMP-Discovery2023-0205_DR_CaPAAdvocates_043-020419471.pdf which includes a list of substations within an FTD FRAs. Columns A, Columns B, and C are the substations that are not feasible for REFLC and are not met (all) the requirements where REFLC can be applied.</p> <p>Substations that are categorized as not feasible (all) in the analysis are due to one or a combination of the following reasons below:</p> <ul style="list-style-type: none"> Column D: Wire of 4 or 5 wires. Substations have 4 or 5 wires. Column E: Connections between the substation are not in a line configuration. Column F: The substation is located in a high fire risk area. Column F: Ratio of the Substation/transformer inside the substation. Column G: Field Auto Analysis) Circuit mileage downstream of substations is greater than being present, and Column I: (Coil Charge Amps) The total charging current exceeds 187 Amps, or each Distribution Substation has more than 1 transformer per substation located in Column H. The Coil Charge Amps are calculated as an alternative way to measure the proportion of a circuit underground lines that 50% of circuit is underground). Column J: The FTD analysis was the maximum provided to substation (2) and (3) above. <p>The referenced table should not have reflected "None for Overhead and All for Underground" for mitigation effectiveness for other environmental related outages. Some outage combinations did have a savings assigned in the final study, these were mostly related to overhead hardware related mitigation. The environmental related basic case is assigned to an outage during a significant weather or environmental event. Overhead construction would still be susceptible to earthquakes, erosion, lightning and ice events.</p> <p>The referenced safety settings and overhead hardware would still apply for transformer and equipment failure related outages and reduce the chance of an ignition for some scenarios.</p>	Holy Wetman	4/12/2024	4/26/2024	4/17/2024	https://www.pge.com/Portal/Reports/Reports/2023/04/17/2023%20WMP%20Update%20Final.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating Grid Hardening Decision Making
553	CaPA	Set WMP-43	CaPA_Set WMP-43	6	CaPA_Set WMP-43_06	<p>The table notes, "Not all substations are capable of having REFLC applied, and it cannot be isolated to a circuit segment only."</p> <p>(a) How does alternative 6 differ from other alternatives that appear to include more mitigation techniques?</p> <p>(b) If the answer to part (a) is no, why not?</p>	<p>(a) Not all substations are capable of having REFLC applied, and it cannot be isolated to a circuit segment only. The study did not evaluate the effectiveness of PG&E for alternative 6. The observed effectiveness of PG&E (75%) was applied to the overall risk reduction. The expected effectiveness of PG&E was calculated based on each mitigation's effectiveness in preventing an ignition resulting from a 2000 volt fault. The effectiveness of PG&E was calculated based on the PG&E historical FTD outage dataset between 2015 and 2022. The study for PG&E cannot be completed in the same manner because an expected outage cannot occur.</p> <p>Substation to apply PG&E as an alternative.</p> <p>(b) Approximately 133 distribution substations were circuit segments within FTD FRAs.</p> <p>(c) After preliminary screening, 302 of these distribution substations are not feasible for REFLC application.</p> <p>(d) Please see attachment WMP-Discovery2023-0205_DR_CaPAAdvocates_043-020419471.pdf which includes a list of substations within an FTD FRAs. Columns A, Columns B, and C are the substations that are not feasible for REFLC and are not met (all) the requirements where REFLC can be applied.</p> <p>Substations that are categorized as not feasible (all) in the analysis are due to one or a combination of the following reasons below:</p> <ul style="list-style-type: none"> Column D: Wire of 4 or 5 wires. Substations have 4 or 5 wires. Column E: Connections between the substation are not in a line configuration. Column F: The substation is located in a high fire risk area. Column F: Ratio of the Substation/transformer inside the substation. Column G: Field Auto Analysis) Circuit mileage downstream of substations is greater than being present, and Column I: (Coil Charge Amps) The total charging current exceeds 187 Amps, or each Distribution Substation has more than 1 transformer per substation located in Column H. The Coil Charge Amps are calculated as an alternative way to measure the proportion of a circuit underground lines that 50% of circuit is underground). Column J: The FTD analysis was the maximum provided to substation (2) and (3) above. 	Holy Wetman	4/12/2024	4/26/2024	4/17/2024	https://www.pge.com/Portal/Reports/Reports/2023/04/17/2023%20WMP%20Update%20Final.pdf	1	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating Grid Hardening Decision Making
554	CaPA	Set WMP-43	CaPA_Set WMP-43	7	CaPA_Set WMP-43_07	<p>The table lists the assumption, "Mitigation effectiveness for other Environmental caused outages. None for Overhead and All for Underground."</p> <p>State the basis for this assumption.</p>	<p>The referenced table should not have reflected "None for Overhead and All for Underground" for mitigation effectiveness for other environmental related outages. Some outage combinations did have a savings assigned in the final study, these were mostly related to overhead hardware related mitigation. The environmental related basic case is assigned to an outage during a significant weather or environmental event. Overhead construction would still be susceptible to earthquakes, erosion, lightning and ice events.</p> <p>The referenced safety settings and overhead hardware would still apply for transformer and equipment failure related outages and reduce the chance of an ignition for some scenarios.</p>	Holy Wetman	4/12/2024	4/26/2024	4/17/2024	https://www.pge.com/Portal/Reports/Reports/2023/04/17/2023%20WMP%20Update%20Final.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating Grid Hardening Decision Making
555	CaPA	Set WMP-43	CaPA_Set WMP-43	8	CaPA_Set WMP-43_08	<p>The table lists the assumption, "Analysis assumes no Overhead degradation for 95% of the asset."</p> <p>(a) State the basis for this assumption.</p> <p>(b) Does PG&E have plans to include overhead degradation of assets in its mitigation effectiveness analysis in the future?</p> <p>(c) Does PG&E have plans to include overhead degradation of assets in its mitigation effectiveness analysis in the future?</p> <p>(d) How does the WSCC consider benefits and costs over the lifetime of the asset if the analysis assumes no overhead degradation?</p>	<p>(a) PG&E does not currently assume no degradation of assets in their effectiveness analysis. A degradation factor that is not considered may be included in the analysis.</p> <p>(b) PG&E does not currently have plans to integrate degradation of assets into its effectiveness analysis.</p> <p>(c) The net present value of installation costs plus expected lifetime operations and maintenance costs are considered in the WSCC. Similarly, the net present value of installation benefits is considered in the WSCC.</p> <p>(d) PG&E does not currently assume no degradation of assets in their effectiveness analysis. A degradation factor that is not considered may be included in the analysis.</p>	Holy Wetman	4/12/2024	4/17/2024	4/17/2024	https://www.pge.com/Portal/Reports/Reports/2023/04/17/2023%20WMP%20Update%20Final.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating Grid Hardening Decision Making
556	CaPA	Set WMP-43	CaPA_Set WMP-43	9	CaPA_Set WMP-43_09	<p>The table lists the assumption, "EPSS and DCC are only active when conditions are greater than R1."</p> <p>(a) How does alternative 6 differ from other alternatives that appear to include more mitigation techniques?</p> <p>(b) Does PG&E have plans to include overhead degradation of assets in its mitigation effectiveness analysis in the future?</p> <p>(c) Does PG&E have plans to include overhead degradation of assets in its mitigation effectiveness analysis in the future?</p>	<p>EPSS and DCC settings are not engaged in the system when the FTD rating is R1. The basis for this assumption follows: The calculations behind engaging EPSS are complex and, for more information, please see our Base 2023-2025 WMP. R1 is 2.00kV on page numbers 570-571 and our 2022 Revised WMP July 26, 2022 (page numbers 848-851).</p> <p>(a) For alternative 1-9, each considered the basic cases, supplemental case, fieldwork equipment, and equipment condition. Additionally, Alt. 3 considered the type of outage, i.e., phase-to-phase, single line-to-ground, and double line-to-ground to distinguish REFLC's impact as it has a specific effectiveness for each fault type.</p> <p>(b) The FTD analysis was completed in the analysis to distinguish REFLC's impact as it has a specific effectiveness for each fault type.</p>	Holy Wetman	4/12/2024	4/17/2024	4/17/2024	https://www.pge.com/Portal/Reports/Reports/2023/04/17/2023%20WMP%20Update%20Final.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating Grid Hardening Decision Making
557	CaPA	Set WMP-43	CaPA_Set WMP-43	10	CaPA_Set WMP-43_10	<p>Page 66 of PG&E's 2025 WMP Update lists, "The Joint Utilities have met monthly in 2023 to discuss the results of recorded and estimated effectiveness for covered conductor."</p> <p>(a) Provide the results of recorded effectiveness for covered conductor that were discussed in 2023 for each of the Joint Utilities.</p> <p>(b) Provide the results of estimated effectiveness for covered conductor that were discussed in 2023 for each of the Joint Utilities.</p> <p>(c) Are there any findings from the monthly meetings in 2023 not above?</p>	<p>(a) PG&E is currently working with the Joint Utilities on 2023-2025, DR_CaPAAdvocates_043-020419471.pdf for the Joint IOU Covered Conductor Working Group Report, which includes the results of recorded and estimated effectiveness for covered conductors discussed during 2023 monthly Joint Utility meetings.</p> <p>(b) Please see the response to subpart (a) for the requested information.</p> <p>(c) PG&E is aware of additional findings outside of those in the Joint IOU Covered Conductor Working Group Report, which includes the results of recorded and estimated effectiveness for covered conductors discussed during 2023 monthly Joint Utility meetings.</p> <p>(d) Please see the response to subpart (a) for the requested information.</p> <p>(e) PG&E is aware of additional findings outside of those in the Joint IOU Covered Conductor Working Group Report, which includes the results of recorded and estimated effectiveness for covered conductors discussed during 2023 monthly Joint Utility meetings.</p>	Holy Wetman	4/12/2024	4/17/2024	4/17/2024	https://www.pge.com/Portal/Reports/Reports/2023/04/17/2023%20WMP%20Update%20Final.pdf	1	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-08 - Continuation of Grid Hardening Joint Studies
557	CaPA	Set WMP-43	CaPA_Set WMP-43	10	CaPA_Set WMP-43_10(a)	<p>CaI Advocates requested results of meetings held in 2023 regarding the effectiveness for covered conductor. PG&E's responses appear to be identical to the Joint IOU CC report from its 2023-2025 Base WMP (2023-04-27_PGE_2023_WMP_Base_Appends D-ACI PG&E 2023-11_Acstf.pdf, provided to OESB March 2023), and does not include results of meetings held in 2023.</p> <p>(a) Please provide these in response to this data request.</p>	<p>CaI Advocates requested results of meetings held in 2023 regarding the effectiveness for covered conductor. PG&E's responses appear to be identical to the Joint IOU CC report from its 2023-2025 Base WMP (2023-04-27_PGE_2023_WMP_Base_Appends D-ACI PG&E 2023-11_Acstf.pdf, provided to OESB March 2023), and does not include results of meetings held in 2023.</p> <p>(a) Please verify whether PG&E possesses documents responsive to question 10 that include the results of recorded and estimated effectiveness for covered conductor based on meetings held in 2023.</p> <p>PG&E possess documents responsive to question 10 that include the results of recorded and estimated effectiveness for covered conductor based on meetings held in 2023. PG&E possess documents responsive to question 10 that include the results of recorded and estimated effectiveness for covered conductor based on meetings held in 2023. PG&E possess documents responsive to question 10 that include the results of recorded and estimated effectiveness for covered conductor based on meetings held in 2023. PG&E possess documents responsive to question 10 that include the results of recorded and estimated effectiveness for covered conductor based on meetings held in 2023.</p>	Holy Wetman	4/12/2024	4/24/2024	4/24/2024	https://www.pge.com/Portal/Reports/Reports/2023/04/17/2023%20WMP%20Update%20Final.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-08 - Continuation of Grid Hardening Joint Studies

572	CAfPA	Set WMP-44	CAfPA_Set WMP-44	2	CAfPA_Set WMP-44-02	<p>Page 54 of PG&E's 2025 WMP Update states, "To determine circuit segment-level mitigation effectiveness, the WBCA will adjust for the outage combinations likely to occur on a given circuit segment, their estimated frequency, and their contribution to overall risk on the circuit segment."</p> <p>a) Please describe the methods used in the WBCA to adjust for the outage combinations likely to occur on a given circuit segment.</p> <p>b) Please describe the methods used in the WBCA to adjust for the estimated frequency of outage combinations in a given circuit segment.</p> <p>c) Please describe the methods used in the WBCA to adjust for the contribution of outage combinations to overall risk on a given circuit segment.</p>	<p>2. The following table is from PG&E's 2022 Annual Electric Reliability Report, page 12:</p> <p>a) Please provide an updated version of this table with an additional row for 2023.</p> <p>b) Please provide any reports of the calibration on 9/12/2022.</p> <p>c) Please provide any reports of the calibration on 9/12/2022.</p> <p>d) When does PG&E plan to replace the destroyed table?</p>	<p>0</p>	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating GMS Reliability Decision Matrix
573	CAfPA	Set WMP-44	CAfPA_Set WMP-44	3	CAfPA_Set WMP-44-03	<p>Page 54 of PG&E's 2025 WMP Update states, "To determine circuit segment-level mitigation effectiveness, the WBCA will adjust for the outage combinations likely to occur on a given circuit segment, their estimated frequency, and their contribution to overall risk on the circuit segment."</p> <p>a) Please describe the methods used in the WBCA to adjust for the outage combinations likely to occur on a given circuit segment.</p> <p>b) Please describe the methods used in the WBCA to adjust for the estimated frequency of outage combinations in a given circuit segment.</p> <p>c) Please describe the methods used in the WBCA to adjust for the contribution of outage combinations to overall risk on a given circuit segment.</p>	<p>0</p>	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating GMS Reliability Decision Matrix	
574	CAfPA	Set WMP-44	CAfPA_Set WMP-44	4	CAfPA_Set WMP-44-04	<p>Page 16 of PG&E's 2025 WMP Update discusses Underwriting versus Overhead Reliability. Underwriting is defined to have greater total parameter risk reduction, but it takes longer and costs more to install. As the PG&E conduct an analysis of transmission and distribution system to determine the estimated remaining useful life of its assets"</p> <p>a) How does PG&E consider the remaining life of assets when evaluating benefits of overhead relaying, which is faster to deploy?</p> <p>b) If the answer to part (a) is yes, please provide any applicable analysis relevant to the condition of PG&E's transmission and distribution system assets.</p>	<p>0</p>	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating GMS Reliability Decision Matrix	
575	CAfPA	Set WMP-44	CAfPA_Set WMP-44	5	CAfPA_Set WMP-44-05	<p>Page 27 of PG&E's 2025 WMP Update states, "Regarding cost effectiveness scores, the undergrounding projects in PG&E's current inventory were previously analyzed using a methodology (WDRM v2) that did not incorporate cost effectiveness scores for individual projects. Therefore, cost effectiveness scores are not available."</p> <p>a) How does PG&E plan to use the updated WDRM to calculate the cost effectiveness scores for the undergrounding projects in PG&E's current inventory?</p> <p>b) If the answer to part (a) is no, when does PG&E anticipate completing this analysis?</p> <p>c) If the answer to part (a) is no, when does PG&E plan to complete this analysis?</p>	<p>0</p>	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - Updating GMS Reliability Decision Matrix	
576	CAfPA	Set WMP-44	CAfPA_Set WMP-44	6	CAfPA_Set WMP-44-06	<p>Figure ACI-PG&E-23-03-1 on page 40 of PG&E's 2025 WMP Update states, "When considering the overall risk with EPSS and PPSB, this risk is 'at or below Overhead Reliability'."</p> <p>a) How does PG&E plan to use the updated WDRM to calculate the cost effectiveness scores for the undergrounding projects in PG&E's current inventory?</p> <p>b) If the answer to part (a) is no, when does PG&E anticipate completing this analysis?</p> <p>c) If the answer to part (a) is no, when does PG&E plan to complete this analysis?</p>	<p>0</p>	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - PPSB and WDRM Risk Trade-Off Transparency	
577	CAfPA	Set WMP-44	CAfPA_Set WMP-44	7	CAfPA_Set WMP-44-07	<p>Figure ACI-PG&E-23-03-1 on page 40 of PG&E's 2025 WMP Update indicates that wildfire risk is approximately \$20.688 million, and PPSB and EPSS combined reduce the wildfire risk by approximately \$16.303 million. At the \$20.688 million wildfire risk and the \$16.303 million risk reduction estimates annual volume?</p> <p>a) Do the \$20.688 million wildfire risk and the \$16.303 million risk reduction estimates apply to PG&E's entire service territory? Please explain your answer.</p>	<p>0</p>	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - PPSB and WDRM Risk Trade-Off Transparency	
578	CAfPA	Set WMP-44	CAfPA_Set WMP-44	8	CAfPA_Set WMP-44-08	<p>Figure ACI-PG&E-23-03-1 on page 40 of PG&E's 2025 WMP Update indicates that wildfire risk is approximately \$20.688 million, and PPSB and EPSS combined reduce the wildfire risk by approximately \$16.303 million. At the \$20.688 million wildfire risk and the \$16.303 million risk reduction estimates annual volume?</p> <p>a) Do the \$20.688 million wildfire risk and the \$16.303 million risk reduction estimates apply to PG&E's entire service territory? Please explain your answer.</p>	<p>0</p>	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - PPSB and WDRM Risk Trade-Off Transparency	
579	CAfPA	Set WMP-44	CAfPA_Set WMP-44	9	CAfPA_Set WMP-44-09	<p>Page 89 of PG&E's 2025 WMP Update states, "CDC updated the system on EPSS-related circuit risk reduction to approximately 70% relative to the three-year historical average."</p> <p>a) Please provide copies of any reports, analyses, or other documentation to support PG&E's statement posted above.</p> <p>b) If the answer to part (a) is no, why has PG&E not conducted this analysis?</p> <p>c) If the answer to part (a) is yes, why has PG&E not conducted this analysis?</p> <p>d) How does PG&E estimate the incremental lifetime expenditure attributed to wildfire deployment of REFLC?</p> <p>e) Please provide this estimate if not.</p> <p>f) If the answer to part (a) is no, why has PG&E not conducted this analysis?</p>	<p>0</p>	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-05 - PPSB and WDRM Risk Trade-Off Transparency	
580	CAfPA	Set WMP-44	CAfPA_Set WMP-44	10	CAfPA_Set WMP-44-10	<p>The following table is from PG&E's 2022 Annual Electric Reliability Report, page 12:</p> <p>a) Please provide an updated version of this table with an additional row for 2023.</p> <p>b) Please provide any reports of the calibration on 9/12/2022.</p> <p>c) Please provide any reports of the calibration on 9/12/2022.</p> <p>d) When does PG&E plan to replace the destroyed table?</p>	<p>0</p>	NA	NA	NA	NA	
581	CAfPA	Set WMP-44	CAfPA_Set WMP-44	11	CAfPA_Set WMP-44-11	<p>Table ACI-PG&E-23-03-1 on page 112 of PG&E's 2025 WMP Update includes the following entry:</p> <p>a) Please provide any reports of the calibration on 9/12/2022.</p> <p>b) Please provide any reports of the calibration on 9/12/2022.</p> <p>c) When does PG&E plan to replace the destroyed table?</p>	<p>0</p>	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-14 - Effectiveness Analysis for EPSS Including Implementation of CDC	
582	CAfPA	Set WMP-44	CAfPA_Set WMP-44	12	CAfPA_Set WMP-44-12	<p>The following table is from PG&E's 2022 Annual Electric Reliability Report, page 12:</p> <p>a) Please provide an updated version of this table with an additional row for 2023.</p> <p>b) Please provide any reports of the calibration on 9/12/2022.</p> <p>c) Please provide any reports of the calibration on 9/12/2022.</p> <p>d) When does PG&E plan to replace the destroyed table?</p>	<p>0</p>	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-14 - Weather Station Maintenance and Calibration	
583	CAfPA	Set WMP-44	CAfPA_Set WMP-44	13	CAfPA_Set WMP-44-13	<p>Table ACI-PG&E-23-03-1 on page 113 of PG&E's 2025 WMP Update includes the following entry:</p> <p>a) Please provide any reports of the calibration on 9/12/2022.</p> <p>b) Please provide any reports of the calibration on 9/12/2022.</p> <p>c) When does PG&E plan to replace the destroyed table?</p>	<p>0</p>	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-14 - Weather Station Maintenance and Calibration	

584	CAIPA	Set WMP-45	CAIPA_Set WMP-45	1	CAIPA_Set WMP-45_Q1	<p>Regarding usage of Wildlife Distribution Risk Model (WDRM) v4 in scoping covered conductor and equipment. The following questions are being asked by the Public:</p> <ul style="list-style-type: none"> 1) How is the WDRM v4 being used in scoping? Please explain your answer. 2) How is the WDRM v4 being used in scoping? Please explain your answer. 3) How is the WDRM v4 being used in scoping? Please explain your answer. 4) How is the WDRM v4 being used in scoping? Please explain your answer. 5) How is the WDRM v4 being used in scoping? Please explain your answer. 	Holy Wellman	4/15/2024	4/18/2024	4/18/2024	<p>https://www.pge.com/PediaPage.aspx?DocId=44858&DocType=Document</p>	0	NA	6.2.2.2	6.0 Risk Methodology and Assessment	6.2.2 Consequence
585	MGRA	Data Request No. 11	MDRA_Data Request No. 11	1	MDRA_Data Request No. 11_Q1	<p>Please provide non-confidential versions of all responses to Cal Advocates data requests if the responses to Cal Advocates are confidential.</p>	Joseph Michael	4/15/2024	4/18/2024	4/18/2024	<p>https://www.pge.com/PediaPage.aspx?DocId=44858&DocType=Document</p>	0	NA	6.2.1	6.0 Risk Methodology and Assessment	6.2.1 Risk and Risk Component Identification
586	MGRA	Data Request No. 11	MDRA_Data Request No. 11	2	MDRA_Data Request No. 11_Q2	<p>Please provide a non-confidential version of documentation containing a description of WDRM v4, including testing and validation.</p>	Joseph Michael	4/16/2024	4/18/2024	4/18/2024	<p>https://www.pge.com/PediaPage.aspx?DocId=44858&DocType=Document</p>	0	NA	6.2.1	6.0 Risk Methodology and Assessment	6.2.1 Risk and Risk Component Identification
587	MGRA	Data Request No. 11	MDRA_Data Request No. 11	3	MDRA_Data Request No. 11_Q3	<p>If E3 or another consulting group has analyzed WDRM v4, please provide a non-confidential version of its report.</p>	Joseph Michael	4/16/2024	4/18/2024	4/18/2024	<p>https://www.pge.com/PediaPage.aspx?DocId=44858&DocType=Document</p>	0	NA	6.2.1	6.0 Risk Methodology and Assessment	6.2.1 Risk and Risk Component Identification
588	CAIPA	Set WMP-46	CAIPA_Set WMP-46	1	CAIPA_Set WMP-46_Q1	<p>Regarding Attachment 2024-04-04-02_PGE_2023_WMP_Update_R0_ACI-23-28_Audit_CONF_Alt of PGE's 2023 WMP Update.</p> <ul style="list-style-type: none"> 1) Please provide a description or definition of each column in both worksheets. 2) Please provide the data for column 1 (2023_Percentage_of_Electricity_Delivered) for all rows. 3) Please provide the data for column 2 (2023_Percentage_of_Electricity_Delivered) for all rows. 4) Please provide the data for column 3 (2023_Percentage_of_Electricity_Delivered) for all rows. 5) Please provide the data for column 4 (2023_Percentage_of_Electricity_Delivered) for all rows. 	Holy Wellman	4/17/2024	4/22/2024	4/22/2024	<p>https://www.pge.com/PediaPage.aspx?DocId=44858&DocType=Document</p>	1	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 AC PGE-23-06 Completion of Grid Resiliency Joint Studies
589	CAIPA	Set WMP-46	CAIPA_Set WMP-46	2	CAIPA_Set WMP-46_Q2	<p>PGE's Community Wildlife Safety Program website includes the procedure related to Infrared (IR) inspections (TD-10019-14 and TD-2022-01).</p> <ul style="list-style-type: none"> 1) Please describe the circumstances in which PGE utilizes the TD-10019-14 procedure. 2) Please describe the circumstances in which PGE utilizes the TD-2022-01 procedure. 3) Please describe all circumstances in which PGE utilizes the TD-10019-14 procedure for IR inspections on all current facilities or job sites associated with all prior revisions. 4) Please provide copies of all prior revisions of TD-2022-01, including bulletins or job sites associated with all prior revisions. 5) Please provide copies of all prior revisions of TD-10019-14, including bulletins or job sites associated with all prior revisions. 6) Please provide copies of all prior revisions of TD-2022-01, including bulletins or job sites associated with all prior revisions. 	Holy Wellman	4/17/2024	4/22/2024	4/22/2024	<p>https://www.pge.com/PediaPage.aspx?DocId=44858&DocType=Document</p>	10	NA	8.1.3.14	8.0 Wildlife Mitigations	8.1.3.14 Infrared Inspection
590	CAIPA	Set WMP-46	CAIPA_Set WMP-46	3	CAIPA_Set WMP-46_Q3	<p>In response to data request CalAdvocates-PGE-2023WMP-03, question 1, PGE provided attachment "WMP-Discovery2023-2025_DR_CalAdvocates_046-02023A0300CONF.pdf".</p> <ul style="list-style-type: none"> 1) Please describe the circumstances in which PGE utilizes the TD-10019-14 procedure. 2) Please describe the circumstances in which PGE utilizes the TD-2022-01 procedure. 3) Please describe all circumstances in which PGE utilizes the TD-10019-14 procedure for IR inspections on all current facilities or job sites associated with all prior revisions. 4) Please provide copies of all prior revisions of TD-2022-01, including bulletins or job sites associated with all prior revisions. 5) Please provide copies of all prior revisions of TD-10019-14, including bulletins or job sites associated with all prior revisions. 6) Please provide copies of all prior revisions of TD-2022-01, including bulletins or job sites associated with all prior revisions. 	Holy Wellman	4/17/2024	4/25/2024	4/25/2024	<p>https://www.pge.com/PediaPage.aspx?DocId=44858&DocType=Document</p>	0	NA	8.1.6	Section 8.1.6 - Quality Assurance and Quality Control	8.1.6.1 Quality Assurance (QA)
591	CAIPA	Set WMP-46	CAIPA_Set WMP-46	4	CAIPA_Set WMP-46_Q4	<p>In response to data request CalAdvocates-PGE-2023WMP-03, question 1, PGE provided attachment "WMP-Discovery2023-2025_DR_CalAdvocates_046-02023A0300CONF.pdf".</p> <ul style="list-style-type: none"> 1) Please describe the circumstances in which PGE utilizes the TD-10019-14 procedure. 2) Please describe the circumstances in which PGE utilizes the TD-2022-01 procedure. 3) Please describe all circumstances in which PGE utilizes the TD-10019-14 procedure for IR inspections on all current facilities or job sites associated with all prior revisions. 4) Please provide copies of all prior revisions of TD-2022-01, including bulletins or job sites associated with all prior revisions. 5) Please provide copies of all prior revisions of TD-10019-14, including bulletins or job sites associated with all prior revisions. 6) Please provide copies of all prior revisions of TD-2022-01, including bulletins or job sites associated with all prior revisions. 	Holy Wellman	4/17/2024	4/25/2024	4/25/2024	<p>https://www.pge.com/PediaPage.aspx?DocId=44858&DocType=Document</p>	0	NA	8.1.6	Section 8.1.6 - Quality Assurance and Quality Control	8.1.6.1 Quality Assurance (QA)
592	CAIPA	Set WMP-46	CAIPA_Set WMP-46	5	CAIPA_Set WMP-46_Q5	<p>In response to data request CalAdvocates-PGE-2023WMP-03, question 1, PGE provided attachment "WMP-Discovery2023-2025_DR_CalAdvocates_046-02023A0300CONF.pdf".</p> <ul style="list-style-type: none"> 1) Please describe the circumstances in which PGE utilizes the TD-10019-14 procedure. 2) Please describe the circumstances in which PGE utilizes the TD-2022-01 procedure. 3) Please describe all circumstances in which PGE utilizes the TD-10019-14 procedure for IR inspections on all current facilities or job sites associated with all prior revisions. 4) Please provide copies of all prior revisions of TD-2022-01, including bulletins or job sites associated with all prior revisions. 5) Please provide copies of all prior revisions of TD-10019-14, including bulletins or job sites associated with all prior revisions. 6) Please provide copies of all prior revisions of TD-2022-01, including bulletins or job sites associated with all prior revisions. 	Holy Wellman	4/17/2024	4/25/2024	4/25/2024	<p>https://www.pge.com/PediaPage.aspx?DocId=44858&DocType=Document</p>	1	NA	8.1.6	Section 8.1.6 - Quality Assurance and Quality Control	8.1.6.1 Quality Assurance (QA)

Table with columns for ID, Agency, Action, Date, Title, Description, Status, and Other metadata. Rows 593-598 contain detailed information about various requests for information, including responses to data requests and process updates. The descriptions include references to specific documents, questions, and compliance requirements.

599	OEIS	016	OEIS_016	2	OEIS_016_Q2	<p>Q02: Regarding PG&E's Quarterly Targets for Routine Patrol</p> <p>1) In PG&E's 2023 WMP Update, PG&E sets quarterly targets for Routine Patrol - Distribution (M-16) 2023 and 2024 targets are included for reference.</p> <p>PG&E's Routine Patrol Targets by Year in Circuit Mile</p> <p>Year: 2023</p> <p>End of Q1: 41,761</p> <p>End of Q2: 81,806</p> <p>End of Q3: 79,000</p> <p>End of Q4: 59,224</p> <p>2023: 58,988</p> <p>2024: 51,800</p> <p>2025: 50,800</p> <p>% 2023-2025: 18.7%</p> <p>19.3%</p> <p>While PG&E's end of year target has remained relatively constant from 2023 to 2025, the end of Q2 and end of Q3 targets have decreased progressively.</p> <p>2) Why have PG&E's end of Q2 and end of Q3 targets for routine patrol decreased year-over-year since 2023?</p> <p>3) In what percentage of PG&E's end of Q2 and end of Q3 2025 targets will be completed within the HFDT? 70% - 80% (PG&E cannot use the HFDT and other high risk areas are impacted in a timely manner to mitigate wildfire risk before and during wildfire season?)</p>	<p>A. The targets were reduced in Q2 and Q3 in subsequent years to provide the operations team with greater flexibility during the course of the year. PG&E anticipated reductions due to the change in wildfire patterns, incorporating other planned vegetation program operations into the routine patrol where possible, and changes to other programs that would reduce our routine work. The weather and other external factors can also cause delays in the routine schedule.</p> <p>B. Approximately 70% of Q2 and mileage is located in HFDT, and approximately 80% of the Q3 and mileage is located in HFDT.</p> <p>C. PG&E has designed a program through the routine and second patrols to patrol the entire HFDT/FIRA portions of the system twice a year. Once in the first half and once in the second half. On other weeks, once in the routine patrol and once in the second patrol.</p>	Brad Hill	4/22/2024	4/25/2024	4/25/2024	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-09: Decrease in Insulated Distribution Equipment
600	OEIS	016	OEIS_016	3	OEIS_016_Q3	<p>Q01: Regarding PG&E's Adjustments to its WDRM</p> <p>1) In PG&E's 2023 WMP Update, PG&E discusses the changes made between its Wildfire Distribution Risk Model (WDRM) Version 3 (V3) to Version 4 (V4). Based on these changes, provide:</p> <p>A. An updated version of Table 6-4 from its 2023-2025 WMP based on any changes made to the top risk circuit segments between V3 and V4.</p> <p>B. An updated version of Table 7-2 from its 2023-2025 WMP based on any changes made to the top risk circuit segments between V3 and V4.</p> <p>C. An updated version of Figure 6-5 from its 2023-2025 WMP based on any changes made to the top risk circuit segments between V3 and V4.</p> <p>D. An updated version of Figure 7-1 from its 2023-2025 WMP based on any changes made to the top risk circuit segments between V3 and V4.</p> <p>E. A graph demonstrating the overlaid risk scores between V3 and V4, similar to the graph provided in Data Request OEIS-PG&E-22-016 Question 17 showing the difference in output between V2 and V3.</p>	<p>PG&E released WDRM 4 for use in January of 2024 and is currently evaluating associated work plans in future years anticipated to be described in PG&E's 2026 WMP. Much of the analysis for the tables and figures requested in parts (a) through (f) below are included in this work and are underway. As the analysis only recently started and is still ongoing, parts (a) through (f) will require more time and part (a) will not be available until later in 2024.</p> <p>Please let us know if you would like to meet and confer to discuss this request, the work that needs to be done to create the requested information, and why the information is not currently available.</p> <p>A. The information being requested is under development and anticipated to be available around May 8, 2024.</p> <p>B. The information being requested is under development and anticipated to be available around May 8, 2024.</p> <p>C. The information being requested is under development and anticipated to be available around May 8, 2024.</p> <p>D. The information being requested is under development and anticipated to be available around May 8, 2024.</p> <p>E. PG&E will provide this information once it is available. However, we anticipate this request being more complex to complete as the WDRM 4 model was only recently released. We will provide this information once it is available.</p> <p>WDRM 4: SUPPLEMENT 1</p> <p>A. Please see worksheet "OEIS 016 Q01" in attachment "WMP-Discovery2023-2025_DR_OEIS_016-Q01Supp1.xlsx" for the requested information.</p> <p>B. Please see worksheet "OEIS 016 Q01" in attachment "WMP-Discovery2023-2025_DR_OEIS_016-Q01Supp1.xlsx" for the requested information.</p> <p>C. Please see worksheet "OEIS 016 Q01" in attachment "WMP-Discovery2023-2025_DR_OEIS_016-Q01Supp1.xlsx" for the requested information.</p> <p>D. PG&E would like to attend the response submitted on April 25, 2024, to note that the requested information is unable to be provided by May 8, 2024. Once PG&E identifies an alternate approach, PG&E will update this work with an updated model Wildfire/Mileage/Weather/Discovery2023_DR_OEIS_016-Q01Supp1 Page 2 and provide the updated analysis with the response to subpart E. PG&E will provide this information once it is available. However, we anticipate this analysis being more complex to complete as the WDRM 4 model was only recently released. This information will be provided once it is available.</p> <p>PG&E will provide the information once it is available. However, PG&E anticipates this analysis being several months to complete as the WDRM 4 model was only recently released. PG&E will provide this information once it is available.</p> <p>A. Please see worksheet "OEIS 016 Q01" in attachment "WMP-Discovery2023-2025_DR_OEIS_016-Q01Supp1.xlsx" for the requested information.</p> <p>B. Please see worksheet "OEIS 016 Q01" in attachment "WMP-Discovery2023-2025_DR_OEIS_016-Q01Supp1.xlsx" for the requested information.</p> <p>C. Please see worksheet "OEIS 016 Q01" in attachment "WMP-Discovery2023-2025_DR_OEIS_016-Q01Supp1.xlsx" for the requested information.</p> <p>D. PG&E released WDRM 4 for use in January of 2024 and is currently evaluating associated work plans in future years anticipated to be described in PG&E's 2026 WMP. Much of the analysis for the tables and figures requested in parts (a) through (f) below are included in this work and are underway. As the analysis only recently started and is still ongoing, parts (a) through (f) will require more time and part (a) will not be available until later in 2024.</p> <p>Please let us know if you would like to meet and confer to discuss this request, the work that needs to be done to create the requested information, and why the information is not currently available.</p> <p>A. The information being requested is under development and anticipated to be available around May 8, 2024.</p> <p>B. The information being requested is under development and anticipated to be available around May 8, 2024.</p>	Brad Hill	4/22/2024	4/25/2024	4/25/2024	0	NA	6	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models
600	OEIS	016	OEIS_016	300	OEIS_016_Q3(a)	<p>Q01: Regarding PG&E's Adjustments to its WDRM</p> <p>1) In PG&E's 2023 WMP Update, PG&E discusses the changes made between its Wildfire Distribution Risk Model (WDRM) Version 3 (V3) to Version 4 (V4). Based on these changes, provide:</p> <p>A. An updated version of Table 6-4 from its 2023-2025 WMP based on any changes made to the top risk circuit segments between V3 and V4.</p> <p>B. An updated version of Figure 7-2 from its 2023-2025 WMP based on any changes made to the top risk circuit segments between V3 and V4.</p> <p>C. An updated version of Figure 6-5 from its 2023-2025 WMP based on any changes made to the top risk circuit segments between V3 and V4.</p> <p>D. An updated version of Figure 7-1 from its 2023-2025 WMP based on any changes made to the top risk circuit segments between V3 and V4.</p> <p>E. A graph demonstrating the overlaid risk scores between V3 and V4, similar to the graph provided in Data Request OEIS-PG&E-22-016 Question 17 showing the difference in output between V2 and V3.</p>	<p>A. Please see worksheet "OEIS 016 Q01" in attachment "WMP-Discovery2023-2025_DR_OEIS_016-Q01Supp1.xlsx" for the requested information.</p> <p>B. Please see worksheet "OEIS 016 Q01" in attachment "WMP-Discovery2023-2025_DR_OEIS_016-Q01Supp1.xlsx" for the requested information.</p> <p>C. Please see worksheet "OEIS 016 Q01" in attachment "WMP-Discovery2023-2025_DR_OEIS_016-Q01Supp1.xlsx" for the requested information.</p> <p>D. PG&E would like to attend the response submitted on April 25, 2024, to note that the requested information is unable to be provided by May 8, 2024. Once PG&E identifies an alternate approach, PG&E will update this work with an updated model Wildfire/Mileage/Weather/Discovery2023_DR_OEIS_016-Q01Supp1 Page 2 and provide the updated analysis with the response to subpart E. PG&E will provide this information once it is available. However, we anticipate this analysis being more complex to complete as the WDRM 4 model was only recently released. This information will be provided once it is available.</p> <p>PG&E will provide the information once it is available. However, PG&E anticipates this analysis being several months to complete as the WDRM 4 model was only recently released. PG&E will provide this information once it is available.</p> <p>A. Please see worksheet "OEIS 016 Q01" in attachment "WMP-Discovery2023-2025_DR_OEIS_016-Q01Supp1.xlsx" for the requested information.</p> <p>B. Please see worksheet "OEIS 016 Q01" in attachment "WMP-Discovery2023-2025_DR_OEIS_016-Q01Supp1.xlsx" for the requested information.</p> <p>C. Please see worksheet "OEIS 016 Q01" in attachment "WMP-Discovery2023-2025_DR_OEIS_016-Q01Supp1.xlsx" for the requested information.</p> <p>D. PG&E released WDRM 4 for use in January of 2024 and is currently evaluating associated work plans in future years anticipated to be described in PG&E's 2026 WMP. Much of the analysis for the tables and figures requested in parts (a) through (f) below are included in this work and are underway. As the analysis only recently started and is still ongoing, parts (a) through (f) will require more time and part (a) will not be available until later in 2024.</p> <p>Please let us know if you would like to meet and confer to discuss this request, the work that needs to be done to create the requested information, and why the information is not currently available.</p> <p>A. The information being requested is under development and anticipated to be available around May 8, 2024.</p> <p>B. The information being requested is under development and anticipated to be available around May 8, 2024.</p>	Brad Hill	4/22/2024	5/8/2024	5/8/2024	1	NA	6.1.2	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models
600	OEIS	016	OEIS_016	350	OEIS_016_Q3(a,b)	<p>Q01: Regarding PG&E's Adjustments to its WDRM</p> <p>1) In PG&E's 2023 WMP Update, PG&E discusses the changes made between its Wildfire Distribution Risk Model (WDRM) Version 3 (V3) to Version 4 (V4). Based on these changes, provide:</p> <p>A. An updated version of Table 6-4 from its 2023-2025 WMP based on any changes made to the top risk circuit segments between V3 and V4.</p> <p>B. An updated version of Figure 7-2 from its 2023-2025 WMP based on any changes made to the top risk circuit segments between V3 and V4.</p> <p>C. An updated version of Figure 6-5 from its 2023-2025 WMP based on any changes made to the top risk circuit segments between V3 and V4.</p> <p>D. An updated version of Figure 7-1 from its 2023-2025 WMP based on any changes made to the top risk circuit segments between V3 and V4.</p> <p>E. A graph demonstrating the overlaid risk scores between V3 and V4, similar to the graph provided in Data Request OEIS-PG&E-22-016 Question 17 showing the difference in output between V2 and V3.</p>	<p>A. Please see attachment "WMP-Discovery2023-2025_DR_OEIS_016-Q01Supp1.xlsx" for the updated version of Figure 7-1 from PG&E's 2023-2025 WMP.</p> <p>B. Please see attachment "WMP-Discovery2023-2025_DR_OEIS_016-Q01Supp1.xlsx" for a graph of the requested information.</p>	Brad Hill	4/22/2024	11/8/2024	11/4/2024	2	NA	6.1.2	Section 6 - Risk Methodology and Assessment	6.1.2 Summary of Risk Models
601	MDRA	Data Request No. 12	MDRA_Data Request No. 12	1	MDRA_Data Request No. 12_Q1	<p>Please provide an Excel spreadsheet giving the mapping between PG&E weather station IDs and IDs used by Syntron for the PG&E network if these IDs are different.</p>	<p>PG&E weather station identification numbers (ID) directly correspond to Syntron weather station IDs. However, Syntron allows weather character for their ID. PG&E WMPs allow that their weather ID's are not necessarily the same as the ID's for the first digit of PG&E's ID. For example, PG&E weather station with Syntron ID "PG&E016" and PG&E weather station "PG&E016" and Syntron ID "WMP016" reflects PG&E ID.</p> <p>Attachments to this response contain CONFIDENTIAL information provided pursuant to the accommodations confidentiality declaration.</p> <p>Please see the following meeting invitation with agenda/locations and meeting notes for the first and second meetings held in 2023 regarding asset management:</p> <p>Please note, there were no other materials used by PG&E during these meetings.</p> <p>June 2023 Joint IOU Meeting Session</p> <p>Attachment Name: Description</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N1CONF.pdf</p> <p>June 2023 Joint IOU Asset Management</p> <p>Attachment Name: Description</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N2CONF.pdf</p> <p>June 2023 Follow-up Email "RE Meeting Notes Joint IOU Asset Management Recapping Meeting"</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N3CONF.pdf</p> <p>August 2023, Follow-up Email "FW Joint IOU Asset Management - Positive Feedback"</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N4CONF.pdf</p>	Joseph Michael	4/25/2024	4/30/2024	4/29/2024	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-23: Weather Station Maintenance and Calibration
602	Green Power Institute (GPI)	003	Green Power Institute (GPI)_003	1	Green Power Institute (GPI)_003_Q1	<p>Please provide any PG&E slides, meeting materials, and meeting minutes generated for and/or presented at the last Joint IOU working sessions held in 2023 to discuss each utility's respective plans, programs and practices each IOU has in place for disposing and recycling wood debris and vegetation [?]</p> <p>[1] SDG&E 2025 WMP Update, April 2, 2024, pp. 52-63</p>	<p>Attachments to this response contain CONFIDENTIAL information provided pursuant to the accommodations confidentiality declaration.</p> <p>Joint IOU discussions to review and evaluate utility fuel management programs were coordinated within a working group that had already been established to support ongoing efforts to develop and establish the Cal Poly San Luis Obispo Wildland-Urban Interface (WUI) Fuel Institute. The WUI Fuel Institute conducts research, training and education geared towards creating more fire-resistant communities.</p> <p>In October 2023, the utility stakeholders began collaboration on fuel management programs analysis. Each utility contributed to the development of an initial survey, meeting questions, including responses and conducting review. Please see attached emails and meeting notes from October 2023 through December 2023 outlined in the table below.</p> <p>Attachment Name: Description</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N1CONF.pdf</p> <p>Email re: IOU Engagement with the WUI Fuel Institute</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N2CONF.pdf</p> <p>Meeting notes and Agenda re: IOU WUI Fuel Institute Coordination - Fuel Charing and Modification Study</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N3CONF.pdf</p> <p>Circle re: IOU Meeting Notes Survey Responses</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N4CONF.pdf</p> <p>Circle re: IOU Meeting Notes Survey Responses</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N5CONF.pdf</p> <p>Meeting Notes re: WUI Fuel Institute</p>	Zoe Harist	4/26/2024	5/1/2024	5/1/2024	6	NA	8	Section 8.2 - Vegetation Management and Inspections	8.2.3 Vegetation and Fuels Management
603	Green Power Institute (GPI)	003	Green Power Institute (GPI)_003	2	Green Power Institute (GPI)_003_Q2	<p>Please provide a summary of any developments since the 2023 meeting and working sessions towards initiating a Joint IOU working group on best practices and efficacy of fuels management, including but not limited to planned topics for inclusion in the ongoing study.</p>	<p>Attachments to this response contain CONFIDENTIAL information provided pursuant to the accommodations confidentiality declaration.</p> <p>Joint IOU discussions to review and evaluate utility fuel management programs were coordinated within a working group that had already been established to support ongoing efforts to develop and establish the Cal Poly San Luis Obispo Wildland-Urban Interface (WUI) Fuel Institute. The WUI Fuel Institute conducts research, training and education geared towards creating more fire-resistant communities.</p> <p>In October 2023, the utility stakeholders began collaboration on fuel management programs analysis. Each utility contributed to the development of an initial survey, meeting questions, including responses and conducting review. Please see attached emails and meeting notes from October 2023 through December 2023 outlined in the table below.</p> <p>Attachment Name: Description</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N1CONF.pdf</p> <p>Email re: IOU Engagement with the WUI Fuel Institute</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N2CONF.pdf</p> <p>Meeting notes and Agenda re: IOU WUI Fuel Institute Coordination - Fuel Charing and Modification Study</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N3CONF.pdf</p> <p>Circle re: IOU Meeting Notes Survey Responses</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N4CONF.pdf</p> <p>Circle re: IOU Meeting Notes Survey Responses</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N5CONF.pdf</p> <p>Meeting Notes re: WUI Fuel Institute</p>	Zoe Harist	4/26/2024	5/1/2024	5/1/2024	8	NA	8	Section 8.2 - Vegetation Management and Inspections	8.2.3 Vegetation and Fuels Management
604	Green Power Institute (GPI)	003	Green Power Institute (GPI)_003	3	Green Power Institute (GPI)_003_Q3	<p>Please see response to Question 002 for supporting communications, meeting notes and all research project proposal attachments for the requested information from April 2024.</p>	<p>Attachments to this response contain CONFIDENTIAL information provided pursuant to the accommodations confidentiality declaration.</p> <p>Joint IOU discussions to review and evaluate utility fuel management programs were coordinated within a working group that had already been established to support ongoing efforts to develop and establish the Cal Poly San Luis Obispo Wildland-Urban Interface (WUI) Fuel Institute. The WUI Fuel Institute conducts research, training and education geared towards creating more fire-resistant communities.</p> <p>In October 2023, the utility stakeholders began collaboration on fuel management programs analysis. Each utility contributed to the development of an initial survey, meeting questions, including responses and conducting review. Please see attached emails and meeting notes from October 2023 through December 2023 outlined in the table below.</p> <p>Attachment Name: Description</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N1CONF.pdf</p> <p>Email re: IOU Engagement with the WUI Fuel Institute</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N2CONF.pdf</p> <p>Meeting notes and Agenda re: IOU WUI Fuel Institute Coordination - Fuel Charing and Modification Study</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N3CONF.pdf</p> <p>Circle re: IOU Meeting Notes Survey Responses</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N4CONF.pdf</p> <p>Circle re: IOU Meeting Notes Survey Responses</p> <p>WMP-Discovery2023-2025_DR_OEIS_003-2023161N5CONF.pdf</p> <p>Meeting Notes re: WUI Fuel Institute</p>	Zoe Harist	4/26/2024	5/1/2024	5/1/2024	0	NA	8	Section 8.2 - Vegetation Management and Inspections	8.2.3 Vegetation and Fuels Management

605	OEIS	017	OEIS_017	1	OEIS_017_01	<p>Regarding the Joint Utility Covered Conductor Effectiveness Weekly Meetings (OEIS 2023 Update) that I participated in weekly meetings with utilities in 2023 to document and share information regarding covered conductor effectiveness? (i.e. 48 responses to PG&E 23-04 "Cross-Utility Collaboration on Best Practices for Inclusion of Climate Change Forecasts in Consequence Modeling, Inclusion of Community Vulnerability in Consequence Modeling, and Utility Vegetation Management for Wildlife Safety") Please explain the following:</p> <ol style="list-style-type: none"> 1. Which utilities were present at these weekly meetings? 2. The duration of these weekly meetings? 3. These meetings were in response to a specific Area of Continued Improvement? 4. Yes, please state which Area of Continued Improvement? 5. If not, please state what directive these meetings were in response to? 	Brad Hef	4/30/2024	5/20/2024	5/20/2024	https://www.pge.com/press/press-releases/2024/05/20/20240520-017-01	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-04
606	OEIS	017	OEIS_017	2	OEIS_017_02	<p>Regarding the Utility Underpinning Working Group Meetings PG&E's 2023 Update mentions that "Lastly, the utility also developed an undergrounding working group to discuss regional demand and the challenges associated with undergrounding." (i.e. 48 responses to PG&E 23-04 "Cross-Utility Collaboration on Best Practices for Inclusion of Climate Change Forecasts in Consequence Modeling, Inclusion of Community Vulnerability in Consequence Modeling, and Utility Vegetation Management for Wildlife Safety") Please explain the following:</p> <ol style="list-style-type: none"> 1. The general duration of these meetings? 2. Which utilities were present at these weekly meetings? Please specify. 3. If these meetings were in response to a specific Area of Continued Improvement? 4. Yes, please state which Area of Continued Improvement? 5. If not, please state what directive these meetings were in response to? 	Brad Hef	4/30/2024	5/20/2024	5/20/2024	https://www.pge.com/press/press-releases/2024/05/20/20240520-017-02	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-04
607	OEIS	017	OEIS_017	3	OEIS_017_03	<p>Regarding the Quarterly Joint Utility Monthly Meetings PG&E's 2023 Update mentions that "Furthermore, as described above, PG&E, SCE, and SOG&E developed standing monthly Joint Utility Meetings, creating a forum to keep one another updated and discuss wildfire topics." (i.e. 48 responses to PG&E 23-04 "Cross-Utility Collaboration on Best Practices for Inclusion of Climate Change Forecasts in Consequence Modeling, Inclusion of Community Vulnerability in Consequence Modeling, and Utility Vegetation Management for Wildlife Safety") Please provide the following:</p> <ol style="list-style-type: none"> 1. Are these meetings in response to a specific Area of Continued Improvement? 2. Yes, please state which Area of Continued Improvement? 3. If not, please state what directive these meetings were in response to? 4. Yes, please state which Area of Continued Improvement? 5. If not, please state what directive these meetings were in response to? 	Brad Hef	4/30/2024	5/20/2024	5/20/2024	https://www.pge.com/press/press-releases/2024/05/20/20240520-017-03	4	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-04
608	OEIS	017	OEIS_017	4	OEIS_017_04	<p>Regarding the Joint Utility Monthly Meetings on the WMP PG&E's 2023 Update mentions that "The Joint Utilities conduct a monthly meeting that discusses many areas of the WMP in depth. PG&E, Southern California Edison Company (SCE), and SOG&E each have turn leading the meetings. Topics for these meetings generally cover regulation, planning, and implementation, regulatory developments, and knowledge sharing." (i.e. 48 responses to PG&E 23-04 "Cross-Utility Collaboration on Best Practices for Inclusion of Climate Change Forecasts in Consequence Modeling, Inclusion of Community Vulnerability in Consequence Modeling, and Utility Vegetation Management for Wildlife Safety") Please provide the following:</p> <ol style="list-style-type: none"> 1. Are these meetings in response to a specific Area of Continued Improvement? 2. Yes, please state which Area of Continued Improvement? 3. If not, please state what directive these meetings were in response to? 4. Yes, please state which Area of Continued Improvement? 5. If not, please state what directive these meetings were in response to? 	Brad Hef	4/30/2024	5/20/2024	5/20/2024	https://www.pge.com/press/press-releases/2024/05/20/20240520-017-04	1	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-04
609	MDRA	Data Request No. 13	MDRA_Data Request No. 13	1	MDRA_Data Request No. 13_01	<p>The PG&E response supplied to WDRM in WDRM-Discovery2023-0028_DR_MDRA_000-001546011-010000111 was incomplete and inaccurate because:</p> <ol style="list-style-type: none"> a) It contained an ID that could be accessed without PG&E's regulated ignition data base. b) It contained an ID that could be accessed without PG&E's regulated ignition data base. c) It contained an ID that could be accessed without PG&E's regulated ignition data base. d) It contained an ID that could be accessed without PG&E's regulated ignition data base. 	Joseph Michalek	4/30/2024	5/3/2024	5/1/2024	https://www.pge.com/press/press-releases/2024/05/20/20240520-013-01	1	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-25 Fire Potential Index (FPI) and Ignition Probability Weather (IPW) Enhancements
610	CaMPA	Set WMP-47	CaMPA_Set WMP-47	1	CaMPA_Set WMP-47_01	<p>The attached spreadsheet (filename "CALMdrives-PG&E-2023WMP-11Q1A1TCH_CONF.xlsx") contains a subset of PG&E's 2024-2025 system hardening schedule as provided in response to Cal Fire's data request CALMdrives-PG&E-2023WMP-01-Question 8. Specifically, it contains 30 undergrounding projects that were located using Wildfire Distribution Risk Model (D) v3.0 undergrounding projects that were located using Wildfire Distribution Risk Model (D) v3.0, and 81 projects in locations with one of v2 and v3 risks.</p>	Mica Gordon	4/30/2024	5/3/2024	5/3/2024	https://www.pge.com/press/press-releases/2024/05/20/20240520-010-01	0	NA	8.1,2,5	System Hardening	NA
611	MDRA	Data Request No. 14	MDRA_Data Request No. 14	1	MDRA_Data Request No. 14_01	<p>The email associated with WDRM-Discovery2023-0028_DR_MDRA_013-0001401011-010000111 contains 11 ignition events which the correct was activated with SCE, any of the several ignition events (DCD-enabled devices) associated with wildfires? If possible, the wire-down identifier from PG&E's GIS data, since PG&E includes wire-down data in its wire-down data.</p>	Joseph Michalek	5/2/2024	5/7/2024	5/7/2024	https://www.pge.com/press/press-releases/2024/05/20/20240520-014-01	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-25 Fire Potential Index (FPI) and Ignition Probability Weather (IPW) Enhancements
612	MDRA	Data Request No. 14	MDRA_Data Request No. 14	2	MDRA_Data Request No. 14_02	<p>Please see the full cases (as reported to the CPUC) for the ignitions that occurred on the DCD-enabled devices.</p>	Joseph Michalek	5/2/2024	5/7/2024	5/7/2024	https://www.pge.com/press/press-releases/2024/05/20/20240520-014-02	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-25 Fire Potential Index (FPI) and Ignition Probability Weather (IPW) Enhancements
613	MDRA	Data Request No. 14	MDRA_Data Request No. 14	3	MDRA_Data Request No. 14_03	<p>Please see the full cases (as reported to the CPUC) for the ignitions that occurred on the DCD-enabled devices.</p>	Joseph Michalek	5/2/2024	5/7/2024	5/7/2024	https://www.pge.com/press/press-releases/2024/05/20/20240520-014-03	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-25 Fire Potential Index (FPI) and Ignition Probability Weather (IPW) Enhancements

632	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014	13d3	CPUC - SPD (Safety Policy Division)_014_013d3	<p>Provide the last 100 created Priority A tags and associated inspection report. Include all photos from tags or inspection report.</p> <p>A. A minimum of 50 tags must be identified during inspections.</p> <p>B. A minimum of 50 tags must be from the HFTD.</p> <p>C. If the 100 latest created tags do not meet the criteria from a) and b), supplement the request with the latest created tags for a) and b) until all requirements are met. SPD expects the maximum number of tags to be submitted to be 200.</p>	<p>Please see "WMP-Discovery2023-2025_DR_SPD_014-0001(SupplementalCONF)pdf" for the requested images associated with tags and inspection reports provided with SPD_014-0001 Support. We apologize for the delay in providing these images.</p> <p>Please also see the table below for notification numbers and equipment IDs associated with the requested images. The images provided have been named with their corresponding SAP Equipment ID number.</p> <p>SAP Equipment ID/Notification Number/ Priority</p> <p>10002482 12813801</p> <p>A. 10107796 12811008 10412422 12856979</p> <p>10013731 12815673</p> <p>A. 10053473 12817325</p> <p>10077299 12865119</p> <p>A. 10074135 12813748</p> <p>10094052 12878255</p> <p>A. 10102683 12819583</p>	Henry Swast	5/14/2024	6/21/2024	6/21/2024	https://www.gpe.com/Portals/0/CPUC/CPUC/CPUC%20-%20Safety%20Policy%20Division%20-%20SAP%20-%20Equipment%20ID%20-%20Notification%20Number%20-%20Priority%20-%20List%20-%20014%20-%20013d3.pdf	1	NA	8	8.0 Wildlife Mitigations	8.1.3 Asset Inspections
633	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014	2	CPUC - SPD (Safety Policy Division)_014_02	<p>Provide the last 100 created Priority X work orders and associated inspection report. Include all photos from work orders or inspection report.</p> <p>A. A minimum of 50 tags must be identified during inspections.</p> <p>B. A minimum of 50 tags must be from the HFTD.</p> <p>C. If the 100 latest created tags do not meet the criteria from a) and b), supplement the request with the latest created tags for a) and b) until all requirements are met. SPD expects the maximum number of tags to be submitted to be 200.</p>	<p>PG&E understands this to be requesting tags related to overhead (OH) inspections. Please note, as tags can be created outside of inspection, not all tags have associated inspection reports.</p> <p>A. Please see "WMP-Discovery2023-2025_DR_SPD_014-0002(AHCONF)pdf" for 45 Priority X tags and 44 associated inspection reports. Please note, tags 12877454 and 12877509 were created during the same inspection and are associated with inspection report "OH_10011564_CONF.pdf" located within the referenced zip folder.</p> <p>B. Please see "WMP-Discovery2023-2025_DR_SPD_014-0003(AHCONF)pdf" for 45 Priority X tags that were located in HFTD.</p> <p>C. Please see "WMP-Discovery2023-2025_DR_SPD_014-0005(AHCONF)pdf" for seven additional Priority X tags to verify this subject (c) of this request.</p>	Henry Swast	5/14/2024	5/31/2024	5/31/2024	https://www.gpe.com/Portals/0/CPUC/CPUC/CPUC%20-%20Safety%20Policy%20Division%20-%20SAP%20-%20Equipment%20ID%20-%20Notification%20Number%20-%20Priority%20-%20List%20-%20014%20-%2002.pdf	3	NA	8	8.0 Wildlife Mitigations	8.1.3 Asset Inspections
634	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014	3	CPUC - SPD (Safety Policy Division)_014_03	<p>Provide the last 100 created Priority B work orders and associated inspection report. Include all photos from work orders or inspection report.</p> <p>A. A minimum of 50 tags must be identified during inspections.</p> <p>B. A minimum of 50 tags must be from the HFTD.</p> <p>C. If the 100 latest created tags do not meet the criteria from a) and b), supplement the request with the latest created tags for a) and b) until all requirements are met. SPD expects the maximum number of tags to be submitted to be 200.</p>	<p>PG&E understands this to be requesting tags related to overhead (OH) inspections. Please note, as tags can be created outside of inspection, not all tags have associated inspection reports.</p> <p>A. Please see "WMP-Discovery2023-2025_DR_SPD_014-0004(AHCONF)pdf" for 24 Priority B tags that were located in HFTD during inspections and their associated inspection reports.</p> <p>B. Please see "WMP-Discovery2023-2025_DR_SPD_014-0005(AHCONF)pdf" for 24 Priority B tags that were located in HFTD. As these tags were created during inspections, this attachment also contains their associated inspection reports.</p> <p>C. Please see "WMP-Discovery2023-2025_DR_SPD_014-0006(AHCONF)pdf" for 28 additional Priority B tags in safety subject (c) of this request. As these tags were created during inspections, this attachment also contains their associated inspection reports.</p>	Henry Swast	5/14/2024	6/31/2024	6/31/2024	https://www.gpe.com/Portals/0/CPUC/CPUC/CPUC%20-%20Safety%20Policy%20Division%20-%20SAP%20-%20Equipment%20ID%20-%20Notification%20Number%20-%20Priority%20-%20List%20-%20014%20-%2003.pdf	3	NA	8	8.0 Wildlife Mitigations	8.1.3 Asset Inspections
635	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014	4	CPUC - SPD (Safety Policy Division)_014_04	<p>Provide all job bulletins related to "X" tags.</p>	<p>PG&E does not have a job bulletin related to "X" tags, however, please see "WMP-Discovery2023-2025_DR_SPD_014-0007.pdf" for additional information.</p>	Henry Swast	5/14/2024	5/28/2024	5/28/2024	https://www.gpe.com/Portals/0/CPUC/CPUC/CPUC%20-%20Safety%20Policy%20Division%20-%20SAP%20-%20Equipment%20ID%20-%20Notification%20Number%20-%20Priority%20-%20List%20-%20014%20-%2004.pdf	1	NA	8	8.0 Wildlife Mitigations	8.1.3 Asset Inspections
636	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014	5	CPUC - SPD (Safety Policy Division)_014_05	<p>Provide number of A, B, X, E, F for Aerial, Ground and Pole Test and Trestle finds during inspections in 2023, and 2024 broken down by HFTD and non HFTD. Include number of inspections and find rate for each tag type. Submit the same information in the same format as Table RN PG&E 23 04 7 (attached in email) for 2023 and 2024 from PG&E's 2023 2025 Wildlife Mitigation Plan Supplemental Response to Revision Notice, except provide the actual tag finds, rather than "Forecasted Tag Finds." Indicate if inspectors or planes were used for any of the aerial respoc-oms.</p>	<p>2023-2024 Actual Finds by Inspection Type Annual Inspections 2023 Annual Inspections 2024 (YTD) Inspection Type Per Priority Find Rate Actual Inspections by Tag Actual Tag Find First Rate Actual Inspections by Tag Actual Tag Find First Rate</p> <p>Aerial</p> <p>Non-HFTD</p> <p>HFRA</p> <p>0.8%</p> <p>108</p> <p>1.81</p> <p>0.1</p> <p>0.20%</p> <p>0.20%</p> <p>18</p> <p>1.1%</p> <p>18</p> <p>0.1%</p> <p>15.31%</p> <p>242</p> <p>0.1%</p> <p>0.28%</p> <p>15.31%</p> <p>242</p> <p>0.1%</p> <p>0.28%</p> <p>15.31%</p> <p>242</p>	Henry Swast	5/14/2024	5/28/2024	5/28/2024	https://www.gpe.com/Portals/0/CPUC/CPUC/CPUC%20-%20Safety%20Policy%20Division%20-%20SAP%20-%20Equipment%20ID%20-%20Notification%20Number%20-%20Priority%20-%20List%20-%20014%20-%2005.pdf	0	NA	8	8.0 Wildlife Mitigations	8.1.3 Asset Inspections
636	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014	5d4	CPUC - SPD (Safety Policy Division)_014_05d4	<p>Provide number of A, B, X, E, F for Aerial, Ground and Pole Test and Trestle finds during inspections in 2023, and 2024 broken down by HFTD and non HFTD. Include number of inspections and find rate for each tag type. Submit the same information in the same format as Table RN PG&E 23 04 7 (attached in email) for 2023 and 2024 from PG&E's 2023 2025 Wildlife Mitigation Plan Supplemental Response to Revision Notice, except provide the actual tag finds, rather than "Forecasted Tag Finds." Indicate if inspectors or planes were used for any of the aerial respoc-oms.</p>	<p>Monitor use #61002-01</p> <p>Please see the table below, which has been updated to include the 2023-2024 actual find data for aerial inspections. This actual find data for aerial inspections is current as of May 22, 2024. We were still gathering and quality checking this data when we provided our initial May 28, 2024 response.</p> <p>2023-2024 Actual Finds by Inspection Type</p> <p>2023-2024 Actual Finds by Inspection Type Annual Inspections 2023 Annual Inspections 2024 (YTD) Inspection Type Per Priority Find Rate Actual Inspections by Tag Actual Tag Find First Rate Actual Inspections by Tag Actual Tag Find First Rate</p> <p>Aerial</p> <p>Non-HFTD</p> <p>HFRA</p> <p>0.8%</p> <p>108</p> <p>1.81</p> <p>0.1</p> <p>0.20%</p> <p>0.20%</p> <p>18</p> <p>1.1%</p> <p>18</p> <p>0.1%</p> <p>15.31%</p> <p>242</p> <p>0.1%</p> <p>0.28%</p> <p>15.31%</p> <p>242</p>	Henry Swast	5/14/2024	5/31/2024	6/5/2024	https://www.gpe.com/Portals/0/CPUC/CPUC/CPUC%20-%20Safety%20Policy%20Division%20-%20SAP%20-%20Equipment%20ID%20-%20Notification%20Number%20-%20Priority%20-%20List%20-%20014%20-%2005d4.pdf	0	NA	8	8.0 Wildlife Mitigations	8.1.3 Asset Inspections
636	CPUC - SPD (Safety Policy Division)	014	CPUC - SPD (Safety Policy Division)_014	5d2d	CPUC - SPD (Safety Policy Division)_014_05d2d	<p>Provide number of A, B, X, E, F for Aerial, Ground and Pole Test and Trestle finds during inspections in 2023, and 2024 broken down by HFTD and non HFTD. Include number of inspections and find rate for each tag type. Submit the same information in the same format as Table RN PG&E 23 04 7 (attached in email) for 2023 and 2024 from PG&E's 2023 2025 Wildlife Mitigation Plan Supplemental Response to Revision Notice, except provide the actual tag finds, rather than "Forecasted Tag Finds." Indicate if inspectors or planes were used for any of the aerial respoc-oms.</p>	<p>PG&E responded to "WMP-Discovery2023-2025_DR_SPD_014-0001.pdf" (0001), "WMP-Discovery2023-2025_DR_SPD_014-0002.pdf" (0002) and "WMP-Discovery2023-2025_DR_SPD_014-0003.pdf" (0003), all of the request by reviewing the most recently created 100 tags in the Priority A, X and B categories. PG&E responded to "WMP-Discovery2023-2025_DR_SPD_014-0004.pdf" (0004), by providing a count of all tags created from inspections only in 2024. As more than 100 tags were created in 2024, the response requested in Q003 should include more tags. PG&E also included the most "Forecasted" tags in the data pull for Question 005, which was not originally included in Table RN PG&E 23 04 7.</p> <p>In addition, PG&E used a slightly different methodology when applying filters to pull the tag count data for Question 005 compared to what was used for Q001-Q003 in PG&E's email of record. While the data for those questions was pulled by different teams, PG&E has since aligned on the data pull methodology and is providing updated counts for Q005 as shown in the table below.</p> <p>2023-2024 Actual Finds by Inspection Type Annual Inspections 2023 Annual Inspections 2024 (YTD) Inspection Type Per Priority Find Rate Actual Inspections by Tag Actual Tag Find First Rate Actual Inspections by Tag Actual Tag Find First Rate</p>	Henry Swast	5/14/2024	6/21/2024	6/20/2024	https://www.gpe.com/Portals/0/CPUC/CPUC/CPUC%20-%20Safety%20Policy%20Division%20-%20SAP%20-%20Equipment%20ID%20-%20Notification%20Number%20-%20Priority%20-%20List%20-%20014%20-%2005d2d.pdf	0	NA	8	8.0 Wildlife Mitigations	8.1.3 Asset Inspections

650	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016_07	7	CPUC - SPD (Safety Policy Division)_016_07	<p>Mitigation Effectiveness</p> <p>a. Regulate use of the WBCA tool to incorporate cost effectiveness components, liability considerations, and location-specific mitigation effectiveness calculations, as described in the 2023 WMP Update on page 51, to all mitigations which will employ location-specific mitigation effectiveness calculations when WBCA is adopted, with the WMP Update Activity name and Safety Rating Tracking ID code.</p> <p>b. Provide the data used to create "Risk ACI-PCGE-23-05-2".</p> <p>c. SPD expects to use a CPGE-based tool of the risk and the expected mitigation effectiveness for each driver.</p> <p>d. The data should include the CPGE data as aggregated up to the level of the Table ACI-PCGE-23-05-2 and an explanation for how it occurs.</p> <p>e. The data should include and explain the risk for the critical event as aggregated up and an explanation for how it occurs.</p> <p>f. Provide the data used to determine which mitigation effectiveness.</p> <p>g. Another competing factor is PCGE's heavily forested service territory in the highest wildfire risk portions of High Fire (HF) zones (Table 07). It is important to understand the 2023 WMP Update on page 51, to all mitigations which will employ location-specific mitigation effectiveness calculations when WBCA is adopted, with the WMP Update Activity name and Safety Rating Tracking ID code.</p> <p>h. Explain how the pattern has impacted modeling WDRM of.</p> <p>i. Explain how the pattern has impacted modeling WDRM of.</p> <p>j. Explain how the pattern has impacted modeling WDRM of.</p> <p>k. Explain how the pattern has impacted modeling WDRM of.</p> <p>l. Explain how the pattern has impacted modeling WDRM of.</p> <p>m. Explain how the pattern has impacted modeling WDRM of.</p> <p>n. Explain how the pattern has impacted modeling WDRM of.</p> <p>o. Explain how the pattern has impacted modeling WDRM of.</p> <p>p. Explain how the pattern has impacted modeling WDRM of.</p> <p>q. Explain how the pattern has impacted modeling WDRM of.</p> <p>r. Explain how the pattern has impacted modeling WDRM of.</p> <p>s. Explain how the pattern has impacted modeling WDRM of.</p> <p>t. Explain how the pattern has impacted modeling WDRM of.</p> <p>u. Explain how the pattern has impacted modeling WDRM of.</p> <p>v. Explain how the pattern has impacted modeling WDRM of.</p> <p>w. Explain how the pattern has impacted modeling WDRM of.</p> <p>x. Explain how the pattern has impacted modeling WDRM of.</p> <p>y. Explain how the pattern has impacted modeling WDRM of.</p> <p>z. Explain how the pattern has impacted modeling WDRM of.</p>	<p>Henry Sweet</p> <p>5/30/2024</p> <p>6/30/2024</p> <p>6/30/2024</p> <p>https://www.pge.com/Portals/0/CPUC/CPUC%20-%20Safety%20Policy%20Division/CPUC%20-%20Safety%20Policy%20Division_016_07.pdf</p> <p>2</p> <p>NA</p> <p>11.4</p> <p>Appendix D - Areas for Continued Improvement</p> <p>11.4 ACI PCGE-23-05 Update Grid Metering Division</p>
651	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016_08	8	CPUC - SPD (Safety Policy Division)_016_08	<p>Provide additional information on the criteria for "Red Flag" Conditions - it appears that PCGE also refers to them as "dry year" conditions (last page 10) of 2023 WMP Update and PCGE's response to NDRPA, Date Requested: 5/2/24</p> <p>a. Describe the terminology - what does this mean? Explain why find.</p> <p>b. Explain how the pattern has impacted modeling WDRM of.</p> <p>c. Explain how the pattern has impacted modeling WDRM of.</p> <p>d. Explain how the pattern has impacted modeling WDRM of.</p> <p>e. Explain how the pattern has impacted modeling WDRM of.</p> <p>f. Explain how the pattern has impacted modeling WDRM of.</p> <p>g. Explain how the pattern has impacted modeling WDRM of.</p> <p>h. Explain how the pattern has impacted modeling WDRM of.</p> <p>i. Explain how the pattern has impacted modeling WDRM of.</p> <p>j. Explain how the pattern has impacted modeling WDRM of.</p> <p>k. Explain how the pattern has impacted modeling WDRM of.</p> <p>l. Explain how the pattern has impacted modeling WDRM of.</p> <p>m. Explain how the pattern has impacted modeling WDRM of.</p> <p>n. Explain how the pattern has impacted modeling WDRM of.</p> <p>o. Explain how the pattern has impacted modeling WDRM of.</p> <p>p. Explain how the pattern has impacted modeling WDRM of.</p> <p>q. Explain how the pattern has impacted modeling WDRM of.</p> <p>r. Explain how the pattern has impacted modeling WDRM of.</p> <p>s. Explain how the pattern has impacted modeling WDRM of.</p> <p>t. Explain how the pattern has impacted modeling WDRM of.</p> <p>u. Explain how the pattern has impacted modeling WDRM of.</p> <p>v. Explain how the pattern has impacted modeling WDRM of.</p> <p>w. Explain how the pattern has impacted modeling WDRM of.</p> <p>x. Explain how the pattern has impacted modeling WDRM of.</p> <p>y. Explain how the pattern has impacted modeling WDRM of.</p> <p>z. Explain how the pattern has impacted modeling WDRM of.</p>	<p>Henry Sweet</p> <p>5/30/2024</p> <p>6/12/2024</p> <p>6/12/2024</p> <p>https://www.pge.com/Portals/0/CPUC/CPUC%20-%20Safety%20Policy%20Division/CPUC%20-%20Safety%20Policy%20Division_016_08.pdf</p> <p>1</p> <p>NA</p> <p>6</p> <p>6.0 Risk Methodology and Assessment</p> <p>6.2 Risk and Risk Component Identification</p>
652	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016_09	9	CPUC - SPD (Safety Policy Division)_016_09	<p>Answer the following with regards to QAOIC for system responses.</p> <p>a. Provide the procedures for QA and QC for all System Inspections for transmission and distribution assets.</p> <p>b. Provide the procedures for detailed inspections (asset and ground) of distribution and transmission assets.</p> <p>c. Describe what is a Critical Asset Risk, and how that differs from other types of findings - for Distribution QA the other finding types are classified as "High," "Medium," and "Low," as seen in "WMP-Discovery2023-2025_DR_CatInventory_039-0001A001.xlsx". Provide examples.</p> <p>d. Explain what QC and QA would have different criteria for evaluation and discuss how the materials in the past year. For instance, when would an inspection date QA and QC and discuss how.</p> <p>e. Explain why QC and QA would not result in a new EC tag. Provide examples. See column I of "WMP-Discovery2023-2025_DR_CatInventory_039-0001A001.xlsx" for reference.</p> <p>f. Define "Critical" of "WMP-Discovery2023-2025_DR_CatInventory_039-0001A001.xlsx".</p> <p>g. Explain why some findings identified during QAOIC inspections classified as "High" when otherwise "Critical Asset Risk" and others are not?</p> <p>h. Referencing "WMP-Discovery2023-2025_DR_CatInventory_039-0001A001.xlsx", justify why the finding in Row 4 is not considered a Critical Asset Risk, whereas the finding in Row 143 is considered a Critical Asset Risk. Discuss why the finding in Row 4 is not a Critical Asset Risk considering (1) the two rows have the same identified condition: "Missing missing, broken, damaged, or loose." (2) the two rows have the same issue Column 1 through 10, but (3) the finding in Row 4 is a Priority 4 whereas the finding in Row 143 is a Priority 1, respectively since (1) finding in Row 4 was more time and cost than the other.</p>	<p>Henry Sweet</p> <p>5/30/2024</p> <p>6/4/2024</p> <p>6/4/2024</p> <p>https://www.pge.com/Portals/0/CPUC/CPUC%20-%20Safety%20Policy%20Division/CPUC%20-%20Safety%20Policy%20Division_016_09.pdf</p> <p>5</p> <p>NA</p> <p>8</p> <p>Section 8.1.3 - Asset Inspection</p> <p>8.1.3 Asset Inspections</p>
653	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016_010	10	CPUC - SPD (Safety Policy Division)_016_010	<p>For each year from 2020 through 2023, and January 1, 2024, through April 30, 2024, and for each work order (work order)</p> <p>a. Provide a list and examples of all cases categories used when cancelling work orders.</p> <p>b. Provide the number of cancelled work orders for each priority work order under each case category.</p> <p>c. Provide the number of cancelled work orders for each priority work order under each case category that was cancelled after the due date.</p> <p>d. Provide the number of cancelled work orders for each priority work order under each case category that was cancelled before the due date.</p> <p>e. Provide the number of cancelled work orders for each priority work order that was cancelled by another work order under each case category and the priority to be re-assigned.</p> <p>f. Provide the number of cancelled work orders for each priority work order that was cancelled because the work order was no longer considered necessary for reasons. PCGE has referenced the criteria for options submitted to customers (see page 4) for this case, explain how PCGE is actively attempting to identify these work orders and streamline the process for assigning them.</p> <p>g. For this case, explain how PCGE is actively attempting to identify these work orders and streamline the process for assigning them. How many does PCGE anticipate remain in the backlog?</p>	<p>Henry Sweet</p> <p>5/30/2024</p> <p>6/12/2024</p> <p>6/12/2024</p> <p>https://www.pge.com/Portals/0/CPUC/CPUC%20-%20Safety%20Policy%20Division/CPUC%20-%20Safety%20Policy%20Division_016_010.pdf</p> <p>1</p> <p>NA</p> <p>8</p> <p>Section 8.1.7 - Open Work Orders</p> <p>8.1.7.2 Open Work Orders - Distribution Tags</p>
653	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016_010b	10b	CPUC - SPD (Safety Policy Division)_016_010b	<p>Provide the data table below. Court of notification Column Labels</p> <p>How 2.8.8.8 if "Closed" Tag?</p> <p>a. Explain to our internal response of June 10, 2024, please see the response below which provides the requested information for Priority 4 and 2 overhead distribution tags. This information was not included in the initial response as we needed additional time to gather and quality control the data.</p> <p>b. Please see the table below: WMP-Discovery2023-2025_DR_SPD_016-0210b0201 Page 2</p> <p>c. Provide the data table below. Court of notification Column Labels</p> <p>How 2.8.8.8 if "Closed" Tag?</p> <p>d. Explain to our internal response of June 10, 2024, please see the response below which provides the requested information for Priority 4 and 2 overhead distribution tags. This information was not included in the initial response as we needed additional time to gather and quality control the data.</p> <p>e. Please see the table below: WMP-Discovery2023-2025_DR_SPD_016-0210b0201 Page 2</p> <p>f. Provide the data table below. Court of notification Column Labels</p> <p>How 2.8.8.8 if "Closed" Tag?</p> <p>g. Explain to our internal response of June 10, 2024, please see the response below which provides the requested information for Priority 4 and 2 overhead distribution tags. This information was not included in the initial response as we needed additional time to gather and quality control the data.</p> <p>h. Please see the table below: WMP-Discovery2023-2025_DR_SPD_016-0210b0201 Page 2</p> <p>i. Provide the data table below. Court of notification Column Labels</p> <p>How 2.8.8.8 if "Closed" Tag?</p> <p>j. Explain to our internal response of June 10, 2024, please see the response below which provides the requested information for Priority 4 and 2 overhead distribution tags. This information was not included in the initial response as we needed additional time to gather and quality control the data.</p> <p>k. Please see the table below: WMP-Discovery2023-2025_DR_SPD_016-0210b0201 Page 2</p> <p>l. Provide the data table below. Court of notification Column Labels</p> <p>How 2.8.8.8 if "Closed" Tag?</p> <p>m. Explain to our internal response of June 10, 2024, please see the response below which provides the requested information for Priority 4 and 2 overhead distribution tags. This information was not included in the initial response as we needed additional time to gather and quality control the data.</p> <p>n. Please see the table below: WMP-Discovery2023-2025_DR_SPD_016-0210b0201 Page 2</p> <p>o. Provide the data table below. Court of notification Column Labels</p> <p>How 2.8.8.8 if "Closed" Tag?</p> <p>p. Explain to our internal response of June 10, 2024, please see the response below which provides the requested information for Priority 4 and 2 overhead distribution tags. This information was not included in the initial response as we needed additional time to gather and quality control the data.</p> <p>q. Please see the table below: WMP-Discovery2023-2025_DR_SPD_016-0210b0201 Page 2</p> <p>r. Provide the data table below. Court of notification Column Labels</p> <p>How 2.8.8.8 if "Closed" Tag?</p> <p>s. Explain to our internal response of June 10, 2024, please see the response below which provides the requested information for Priority 4 and 2 overhead distribution tags. This information was not included in the initial response as we needed additional time to gather and quality control the data.</p> <p>t. Please see the table below: WMP-Discovery2023-2025_DR_SPD_016-0210b0201 Page 2</p> <p>u. Provide the data table below. Court of notification Column Labels</p> <p>How 2.8.8.8 if "Closed" Tag?</p> <p>v. Explain to our internal response of June 10, 2024, please see the response below which provides the requested information for Priority 4 and 2 overhead distribution tags. This information was not included in the initial response as we needed additional time to gather and quality control the data.</p> <p>w. Please see the table below: WMP-Discovery2023-2025_DR_SPD_016-0210b0201 Page 2</p> <p>x. Provide the data table below. Court of notification Column Labels</p> <p>How 2.8.8.8 if "Closed" Tag?</p> <p>y. Explain to our internal response of June 10, 2024, please see the response below which provides the requested information for Priority 4 and 2 overhead distribution tags. This information was not included in the initial response as we needed additional time to gather and quality control the data.</p> <p>z. Please see the table below: WMP-Discovery2023-2025_DR_SPD_016-0210b0201 Page 2</p>	<p>Henry Sweet</p> <p>5/30/2024</p> <p>6/12/2024</p> <p>6/12/2024</p> <p>https://www.pge.com/Portals/0/CPUC/CPUC%20-%20Safety%20Policy%20Division/CPUC%20-%20Safety%20Policy%20Division_016_010b.pdf</p> <p>0</p> <p>NA</p> <p>8</p> <p>Section 8.1.7 - Open Work Orders</p> <p>8.1.7.2 Open Work Orders - Distribution Tags</p>

554	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016	11	CPUC - SPD (Safety Policy Division)_016_011	<p>Discuss how work orders are handled.</p> <p>a. If there are areas selected for bundling, explain whether all or only a partial set of work orders is addressed in a bundling project.</p> <p>b. How are the remaining work orders not addressed by the bundled project addressed?</p> <p>c. Are there different types of bundling projects?</p> <p>d. How do the projects typically affect the bundling?</p> <p>e. How are work orders near their completion deadline handled when bundled?</p> <p>f. Would work orders typically Priority A, B and C work orders allowed to exceed their due date if they are part of a bundling project in process which has a later overall due date?</p> <p>g. How are work orders created for bundling projects, or are the existing work orders used?</p> <p>h. How would a situation be addressed where a contractor faced with a bundling project faces multiple work orders already completed due to past work, such as emergency storm work, but were erroneously included in the bid? Would PG&E still pay for the work, or would the contractor need payment, or to would the contractor not charge for the work orders erroneously included in the bid?</p>	<p>1. PG&E is promoting bundling jobs and non-prioritized E and F overhead HTDF&E work whenever bundling an area, as well as when possible with other notification types. If an area consists of both HTDF and non-HTDF notifications, the non-HTDF notifications may not be addressed within the bundling project. In addition, a bundled notification may not be associated with the bundle if there are external contractors, for instance customer access or permitting requirements that are unique to only a small portion of the bundle since the notifications might be removed from the bundle to allow execution of the rest of the notifications.</p> <p>2. The remaining notifications will be addressed during the annual work planning cycle.</p> <p>3. The use of a main line of bundled notification projects which consist of bundling jobs and non-prioritized E and F overhead HTDF&E work, the first type consists of single isolation zone bundles and the second type consists of multiple isolation zones bundles by circuit.</p> <p>4. The use of bundling projects consists of the following:</p> <p>a. Circuit-level bundles are usually much larger consisting of over 100 notifications and include multiple weights to execute while isolation zone bundles are smaller and are executed in one to a few days typically.</p> <p>b. Circuit-level bundles are project managed while single isolation zone bundles are managed within the divisions and related work centers.</p> <p>5. The majority of the circuit-level bundles are resourced by contract partners while single isolation zone bundles are resourced through the normal work and resource planning process.</p> <p>6. Circuit-level bundles are forecasted to be more efficient to execute as PG&E can bundle more activities increasing throughput with the same amount of resources.</p> <p>7. Bundles are developed through PG&E's annual planning process and are prioritized based on risk reduction and resourcing with an emphasis on bundling jobs and non-prioritized E and F overhead HTDF&E work notifications. With increased HTDF&E activity, bundles are developed to resolve combined activities made available.</p>	5/30/2024	6/4/2024	6/4/2024	https://www.pge.com/press/faq/cruc/updates/safety/2024/05/30/2024-05-30-pge-safety-policy-division-q1-q2	0	NA	B	Section 8.1.7 - Open Work Orders	8.1.7.2 Open Work Orders - Distribution Taps																				
555	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016	12	CPUC - SPD (Safety Policy Division)_016_012	<p>What is PG&E's 1.1a factor for addressing work orders?</p> <p>a. What factors are the most common for a false start?</p>	<p>PG&E is completing this response per clarification from the Safety Policy Division that "false start" are situations when jobs were started at a site and are unable to complete the job as scheduled.</p> <p>For Planned Electric Distribution Maintenance work, Major Work Categories 07_0A and KA, PG&E's schedule adherence rate for January 2024 to June 2024, as per 22.091 areas were completed, and 10,875 units were not completed due to false start.</p> <p>From this year's data, the most common factors for a false start are:</p> <ul style="list-style-type: none">Additional time required (unforeseen field conditions) (2.9%)Clearance not set (1.1%)Field conditions changed (4.8%)Miscalculated hours of effort (0.2%)No USA (0.1%)Field decision not to work (0.9%) <p>Contractor field decision not to work (0.9%)</p> <p>Overall, the three highest factors for not meeting schedule adherence are: Emergency, Incident Weather, and Rest Period. These factors for not completing against schedule are typically determined prior to a crew arriving at a job site and not being able to complete the work as scheduled.</p>	5/30/2024	6/13/2024	6/13/2024	https://www.pge.com/press/faq/cruc/updates/safety/2024/06/13/2024-06-13-pge-safety-policy-division-q1-q2	0	NA	B	Section 8.1.7 - Open Work Orders	8.1.7.2 Open Work Orders - Distribution Taps																				
556	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016	13	CPUC - SPD (Safety Policy Division)_016_013	<p>The following questions reference information from the provided in response to the previous Data Request CPUC - SPD (Safety Policy Division)_004</p> <p>a. Provide an updated version of "WMP-Discovery2023_DR_SPD_016-013A8401.pdf" that includes the data from 2023 and any adjustments since the previous submission made to update data in previous years by PG&E. b. "WMP-Discovery2023_DR_SPD_016-013A8401.pdf" indicates 49 CPUC-responsible ignition records occurred during R3, R4, or R5 (R4+R5) conditions in 2022. The spreadsheet also notes in 2022 there were 3,472,209 Overhead Circuit Mile Data (CMDS) in R3, R4, or R5 conditions. Dividing 49 ignitions by 3,472,209 CMDS 100,000 returns an ignition rate of 1.41 ignitions per 100k CMDS (R3+R4+R5 conditions). The DSM contained a response graph which indicates the ignition rate was 1.03 when SPD action items were produced by PG&E (see Figure 3 on page 6 of the Q1 2024 DSM report, available at PG&E Independent Safety Report (ISR)). The net ignition rate after (the rate also appears to differ from other ignition rates compiled in the following table) but appear to have similar units and presumably the same methodology or data sources over the other.</p> <p>E. Explain the discrepancy, and if there was a different methodology or data source.</p> <p>f. Discuss the difference and the advantage of one methodology or data source over the other.</p> <p>Data requested by CPUC-SPD (Safety Policy Division)_004</p> <table border="1"><tr><td>Ignition Rate</td><td>R3</td><td>R4</td><td>R5</td><td>Total (R4+R5)</td></tr><tr><td>2022</td><td>0.7</td><td>0.5</td><td>0.4</td><td>1.61</td></tr><tr><td>2023</td><td>1.41</td><td>1.41</td><td>1.41</td><td>4.23</td></tr></table> <p>Ignitions in HTDF&E</p> <table border="1"><tr><td>11</td><td>21</td><td>17</td><td>55</td></tr></table>	Ignition Rate	R3	R4	R5	Total (R4+R5)	2022	0.7	0.5	0.4	1.61	2023	1.41	1.41	1.41	4.23	11	21	17	55	<p>PG&E is internal methodology for calculating the results of the results from 2022 year 0.55 R3+R4+R5 ignition per circuit mile rate. The graph aligns with the DSM analysis where the cumulative circuit mile data was used as the denominator. I represent the total number of circuit miles in R3+ conditions calculated at the Five Index Area (FIA) level. PG&E's internal methodology uses the cumulative circuit mileage associated with an FTO value calculated for each circuit mile, a more granular approach.</p> <p>The circuit-specific circuit mileage data was unavailable at the time of the DSM's analysis.</p> <p>PG&E's internal approach of calculating the ignitions and cumulative circuit miles associated with the FPI calculated for each independent circuit mile greater and better representation of the risk associated (in terms of high FPI ignitions in safety places) versus the exposure for that risk in that period. In addition, the circuit-level values better align with our operational obligations (for example, when we would initiate EPSS protection).</p>	5/30/2024	6/4/2024	6/4/2024	https://www.pge.com/press/faq/cruc/updates/safety/2024/06/04/2024-06-04-pge-safety-policy-division-q1-q2	0	NA	C	Appendix D	Appendix D - Areas for Continued Improvement	ACI PG&E-22-06 - Addressing Increases in Risk Events
Ignition Rate	R3	R4	R5	Total (R4+R5)																																
2022	0.7	0.5	0.4	1.61																																
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11	21	17	55																																	
557	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016	14	CPUC - SPD (Safety Policy Division)_016_014	<p>SPD understands PG&E recently attended the 2024 Annual Conference International Wireless Risk Mitigation Consortium (iwrmc.com). Provide all presentations from that conference and provide the Conference program/agenda.</p>	<p>The International Wireless Risk Mitigation Consortium 2024 Annual Conference agenda is provided here: https://www.internationalwrmc.com/en/2024-annual-conference-agenda/.</p> <p>Please see table below for presentations made by PG&E employees and which are attached to this response. Agenda Item: The Attachment Name</p> <table border="1"><tr><td>Presentations</td><td>WMP-Discovery2023_DR_SPD_016-013A8401CONRF.pdf</td></tr><tr><td>Panel Discussion & Roundtable Q&A: PSPF Evaluation</td><td>WMP-Discovery2023_DR_SPD_016-013A8401CONRF.pdf</td></tr><tr><td>PG&E Wireless Risk Module - Overview & Incorporation of Gaps, Depression, and Internal Resources</td><td>WMP-Discovery2023_DR_SPD_016-013A8401CONRF.pdf</td></tr><tr><td>Roundtable Discussion: Vulnerability</td><td>WMP-Discovery2023_DR_SPD_016-013A8401CONRF.pdf</td></tr><tr><td>Roundtable Discussion: Reliability</td><td>WMP-Discovery2023_DR_SPD_016-013A8401CONRF.pdf</td></tr><tr><td>WMP-Discovery2023_DR_SPD_016-013A8401CONRF.pdf</td><td>WMP-Discovery2023_DR_SPD_016-013A8401CONRF.pdf</td></tr></table> <p>WMP-Discovery2023_DR_SPD_016-013A8401CONRF.pdf</p>	Presentations	WMP-Discovery2023_DR_SPD_016-013A8401CONRF.pdf	Panel Discussion & Roundtable Q&A: PSPF Evaluation	WMP-Discovery2023_DR_SPD_016-013A8401CONRF.pdf	PG&E Wireless Risk Module - Overview & Incorporation of Gaps, Depression, and Internal Resources	WMP-Discovery2023_DR_SPD_016-013A8401CONRF.pdf	Roundtable Discussion: Vulnerability	WMP-Discovery2023_DR_SPD_016-013A8401CONRF.pdf	Roundtable Discussion: Reliability	WMP-Discovery2023_DR_SPD_016-013A8401CONRF.pdf	WMP-Discovery2023_DR_SPD_016-013A8401CONRF.pdf	WMP-Discovery2023_DR_SPD_016-013A8401CONRF.pdf	5/30/2024	6/4/2024	6/4/2024	https://www.pge.com/press/faq/cruc/updates/safety/2024/06/04/2024-06-04-pge-safety-policy-division-q1-q2	0	NA	C	Appendix D	Appendix D - Areas for Continued Improvement	ACI PG&E-22-06 - Addressing Increases in Risk Events							
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557	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016	14b	CPUC - SPD (Safety Policy Division)_016_014b	<p>SPD understands PG&E recently attended the 2024 Annual Conference International Wireless Risk Mitigation Consortium (iwrmc.com). Provide all presentations from that conference and provide the Conference program/agenda.</p>	<p>Here is a copy of the IWRMAC Ad-hoc Conference agenda that we can share with you. Unfortunately, the presentations made during the conference are all proprietary to the individual companies that presented them. We are providing you with the agenda for your reference only.</p> <p>EC Source and our partner firms are deeply committed and proud to be associated with the International Wireless Risk Mitigation Consortium (IWRMAC). Over the past 4 years, we have been bringing the safety capabilities, constraints, engineering efforts and technology vendors, as well as key external stakeholders such as Universities, Emergency Response, Land Management, Forestry and other agencies, together to address the existential threat of wildfire and broader climate change.</p> <p>The mission of the program is to accelerate learning and sharing of best practices among industry participants, to gather and share research, ideas, strategies and experience from around the world, and to focus the activities and initiatives of program members on those areas and challenges that offer the greatest leverage in effectively and economically reducing wildfire risk.</p> <p>We believe that Regulations and sound regulation are critically important to enabling the industry to successfully navigate the challenges of our changing world. We would be pleased to share risk mitigation information with you. If you wish for PG&E to facilitate scheduling this discussion, please contact us at electrictaskforce@pge.com, if you wish for PG&E to facilitate scheduling this discussion. Please see below for a copy of the communications from IWRMAC.</p> <p>Dear SPD,</p>	5/30/2024	6/7/2024	6/7/2024	https://www.pge.com/press/faq/cruc/updates/safety/2024/06/07/2024-06-07-pge-safety-policy-division-q1-q2	1	NA	C	Appendix D	Appendix D - Areas for Continued Improvement	ACI PG&E-22-06 - Addressing Increases in Risk Events																			
558	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016	15	CPUC - SPD (Safety Policy Division)_016_015	<p>These questions are based off the Pole Loading Assessment work described in Section 8.1.3.4 of "The IRMA, 2024/01/15/004_PGE%20-%202023%20WRM%20Mitigation%20Review%20.pdf"</p> <p>a. Provide summary statistics for the pole loading calculations already performed including:</p> <ol style="list-style-type: none">Number of poles calculated remaining in HTDFNumber of poles where the calculated safety factor was less than the safety factor specified by GO-95, Rule 44.1, Table 4 in the HTDFNumber of poles where the calculated safety factor was less than the safety factor specified by GO-95, Rule 44.2 in the HTDFNumber of poles where the calculated safety factor was less than the safety factor specified by GO-95, Rule 44.3 in the HTDF despite no strength deterioration being incorporated into the calculation.Number of poles where the calculated safety factor was less than the safety factor specified by GO-95, Rule 44.3 in the HTDF despite no strength deterioration being incorporated into the calculation. <p>4f. Provide the same information for poles not located in the HTDF.</p> <p>b. Provide an updated completion date for the program for both HTDF and non-HTDF areas.</p> <p>5. Provide an updated completion date for the program for both HTDF and non-HTDF areas.</p> <p>6. How are the calculated safety factors used for the safety factor specified by GO-95, Rule 44.1, Table 4 or GO-95, Rule 44.2. Describe the root cause.</p> <p>7. Describe how the information related to the pole loading assessment is profiled to react upon reporting.</p> <p>8. Provide the leading criteria used for the pole loading assessments.</p> <p>9. Describe how the pole loading assessments incorporate the resource inspection data from the Pole Test and Treat program, and how the Pole Test and Treat program will incorporate the pole loading data when performing inspection.</p> <p>10. Describe how the pole loading assessments incorporate observations from system inspections, such as leaning or damaged poles.</p> <p>11. Describe PG&E's actions when the calculated safety factor for a pole is less than the safety factor specified by GO-95, Rule 44.1, Table 4 and especially when the calculated safety factor for a pole is less than the safety factor specified by GO-95, Rule 44.3.</p> <p>12. Discuss calculations performed on resources and conductors, and provide similar data as requested in part (a).</p> <p>13. Provide "WMP-Discovery2023_DR_DataCollection_312-20086283CONRF.pdf" if one of these pole calculations does not include a pole calculation with a down pin, provide a productivity/clean pole calculation with a down pin.</p> <p>14. Provide the raw data from the national and international tasks in the construction on calculation spreadsheet.</p>	<p>The Pole Loading Assessment (PLA) Program began in 2020 and conducted a detailed assessment of the pole loading by utilizing the pole attributes from EGIS and LADR data. The PLA Program is above and beyond the regular HTDF, Rule 44, activities to work in current and future on-going programs for the Pole Test and Treat Program for new installation or reconstruction projects (PLA). PG&E is performing proactive pole loading assessments to reconstruction and maintenance of existing poles.</p> <p>The PLA detailed assessments are performed by a team of data analysts. These assessments highlighted higher risk areas that need further engineering attention. The higher risk areas are currently being prioritized for a comprehensive engineering analysis (which includes field validation, where needed). Once this analysis is completed, we will have the Safety Factors (SF) for the poles.</p> <p>The PLA Program completed detailed assessments on approximately 530,000 poles in HTDF areas. The pole loading for the remaining poles in HTDF areas has been assessed through other programs, such as system handling, or poles are remaining on HTDF areas for the PLA Program.</p> <p>PG&E is currently performing the highest data for a comprehensive engineering analysis (which includes field validation, where needed). The SFs are currently being prioritized for a comprehensive engineering analysis (which includes field validation, where needed). The SFs are currently being prioritized for a comprehensive engineering analysis (which includes field validation, where needed). The SFs are currently being prioritized for a comprehensive engineering analysis (which includes field validation, where needed).</p> <p>Please see the response to subpart (a) above which explains our process and why the requested information is not yet available.</p> <p>Please see the response to subpart (a) above which explains our process and why the requested information is not yet available.</p> <p>Please see the response to subpart (a) above which explains our process and why the requested information is not yet available.</p> <p>Please see the response to subpart (a) above which explains our process and why the requested information is not yet available.</p>	5/30/2024	6/13/2024	6/13/2024	https://www.pge.com/press/faq/cruc/updates/safety/2024/06/13/2024-06-13-pge-safety-policy-division-q1-q2	1	NA	B	Section 8.1.3 - Asset Inspection	8.1.3.2 4.1 LADR Based Pole Loading Assessments																				
559	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016	16	CPUC - SPD (Safety Policy Division)_016_016	<p>CONFIDENTIAL - Provide the data in excel format used to create the chart above 2, 5, 6, 9 of the presentation to the IRMA Governance Committee presented on October 10, 2023 (sent to SPD as "WMP-Discovery2023_DR_SPD_016-013A8401CONRF")</p>	<p>Please see attachment "WMP-Discovery2023_DR_SPD_016-013A8401CONRF" for the requested information.</p>	5/30/2024	6/13/2024	6/13/2024	https://www.pge.com/press/faq/cruc/updates/safety/2024/06/13/2024-06-13-pge-safety-policy-division-q1-q2	1	NA	C	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E-23-09 - Discuss in Detailed Distribution Inspections																				

860	CPUC - SPD (Safety Policy Division)	016	CPUC - SPD (Safety Policy Division)_016	17	CPUC - SPD (Safety Policy Division)_016_017	CONFIDENTIAL - This question refers to the table labeled "AG Population: B First Rate" on slide 29 of the presentation to the WVEF that Governance Committee presented on October 15th, 2023. Kindly send to SPD or WAG-Discovery2023_0205_DIR_SPD_014-0161040N10N10N10. Provide an explanation of the table. Specifically discuss the difference between a CRT aligned B versus those found by an Annual/Inspection/GRIP Inspection. a. Provide an explanation of the table. b. Define a "CRT aligned B tag" and discuss the difference between a CRT-aligned B tag versus those found by an Annual/Inspection/GRIP Inspection. c. Provide the actual numbers of tags identified by Ground and Aerial inspections in the table. d. Provide the average number of tags identified by Aerial (A. Those tags not identified by Aerial and not identified by Ground inspections) in the table. e. For "Concern Documented/Not", does the table imply that of the 53 B-tags found in the sample, that Aerial Inspectors identified 20-75% of the B-tags and that Ground Inspectors identified 25-50% of the B-tags? Does this mean a minimum of 13, and a maximum of 26 of the 53 tags were identified by Ground and not identified by Aerial? f. What are the metrics you use for this table?	Henry Swast	5/30/2024	6/1/2024	6/1/2024	https://www.gse.com/Portals/0/Files/016/016_016_017.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 43 - Decrease in Detailed Distribution Inspections	
861	CPUC - SPD (Safety Policy Division)	017	CPUC - SPD (Safety Policy Division)_017	1	CPUC - SPD (Safety Policy Division)_017_021	SPD understands PG&E has updated its EPSS embedded criteria since publishing FIGURE PG&E 1.8.2 in its EPSS update to FIGURE PG&E 1.8.2 on page 133 of PG&E 2023 WMP Update. Please provide an updated link to FIGURE PG&E 1.8.2 and discuss the changes.	Henry Swast	6/1/2024	6/1/2024	6/1/2024	https://www.gse.com/Portals/0/Files/017/017_021.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23 - 28 Evaluation and Reporting of Safety Impacts Relating to EPSS	
862	CPUC - SPD (Safety Policy Division)	017	CPUC - SPD (Safety Policy Division)_017	2	CPUC - SPD (Safety Policy Division)_017_022	What did this change take effect?	Henry Swast	6/1/2024	6/1/2024	6/1/2024	https://www.gse.com/Portals/0/Files/017/017_022.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23 - 28 Evaluation and Reporting of Safety Impacts Relating to EPSS	
863	CPUC - SPD (Safety Policy Division)	017	CPUC - SPD (Safety Policy Division)_017	3	CPUC - SPD (Safety Policy Division)_017_023	Please provide a table which compares the number of Circuit Mile Days where EPSS is enabled for 2022 and 2023 for the criteria in FIGURE PG&E 1.8.2 as compared to the new criteria. Additionally, provide an expected number of Circuit Mile Days where EPSS will be enabled for both criteria for a typical year.	Henry Swast	6/1/2024	6/1/2024	6/1/2024	https://www.gse.com/Portals/0/Files/017/017_023.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23 - 28 Evaluation and Reporting of Safety Impacts Relating to EPSS	
864	CPUC - SPD (Safety Policy Division)	017	CPUC - SPD (Safety Policy Division)_017	4	CPUC - SPD (Safety Policy Division)_017_024	Discuss the reason for the changes.	Henry Swast	6/1/2024	6/1/2024	6/1/2024	https://www.gse.com/Portals/0/Files/017/017_024.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23 - 28 Evaluation and Reporting of Safety Impacts Relating to EPSS	
865	CPUC - SPD (Safety Policy Division)	017	CPUC - SPD (Safety Policy Division)_017	5	CPUC - SPD (Safety Policy Division)_017_025	Compute the additional risk reduced (or increased) due to the changes in criteria. The computation should account for lower probability of finding FT levels. Compute the additional risk reduced due to (increased or reduced) due to the risk reduction tables due to the change in criteria.	Henry Swast	6/1/2024	6/1/2024	6/1/2024	https://www.gse.com/Portals/0/Files/017/017_025.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23 - 28 Evaluation and Reporting of Safety Impacts Relating to EPSS	
866	CPUC - SPD (Safety Policy Division)	017	CPUC - SPD (Safety Policy Division)_017	6	CPUC - SPD (Safety Policy Division)_017_026	Provide the analysis referenced in ACI PG&E 23-28 which compares the risk associated with EPSS embedded thresholds, SPD understand the analysis shows a demonstration of risks only between reliability and wildfire risk. For all other "VM inspection types, are inspectors able to document potential defects or issues found with these not precluded for work as that PG&E may monitor the condition of those assets?"	Henry Swast	6/1/2024	6/1/2024	6/1/2024	https://www.gse.com/Portals/0/Files/017/017_026.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23 - 28 Evaluation and Reporting of Safety Impacts Relating to EPSS	
867	OEIS	022	OEIS_022	1	OEIS_022_01	Regarding Monitoring Potential Hazards Tables For Focus: The Inspection, Area One VM has the capability to document potential defects or issues found on the annual compliance visits to the PG&E. Can you monitor the condition of those assets? For all other "VM inspection types, are inspectors able to document potential defects or issues found with these not precluded for work as that PG&E may monitor the condition of those assets?"	Brad H	6/1/2024	6/1/2024	6/1/2024	https://www.gse.com/Portals/0/Files/022/022_01.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23-18 Continued Progression of Vegetation Management	
868	CaPA	Set WMP-49	CaPA_Set WMP-49	1	CaPA_Set WMP-49_01	How did PG&E come up with the 25 random numbers when it decided on the last 25 of 50 last-step outages to preclude?	PG&E selected the first 25 random numbers in the referenced the "Random Fast Step-2023 Outages.xlsx" to include	Tyar Hochstadt	6/1/2024	6/27/2024	6/1/2024	https://www.gse.com/Portals/0/Files/049/049_01.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23 - 28 Evaluation and Reporting of Safety Impacts Relating to EPSS
869	OEIS	023	OEIS_023	1	OEIS_023_01	Regarding PG&E's distribution asset inspection initiatives and pilots. a. Provide the number of inspections performed and find of level 1 and 2 conditions from January 1, 2020, to December 31, 2023, for the following inspection initiative or pilot programs. If the inspection initiative or pilot program began after January 1, 2020, please specify the start date of the initiative in the response. i. LUDAR based pole loading assessments ii. Aerial inspections iii. Conductor measurement iv. Corona inspections v. Discharge sampling and hearing vi. LUDAR based pole loading assessments vii. Aerial inspections b. For each inspection initiative or pilot below, please provide the estimated percentage of conditions that PG&E levels that were identified through related ground, ground, or remote pole inspections. Describe how PG&E calculated the estimated percentage. i. Ground inspections ii. LUDAR based pole loading assessments iii. Aerial inspections	Nathan Peon	6/20/2024	7/1/2024	7/1/2024	https://www.gse.com/Portals/0/Files/023/023_01.pdf	0	NA	8	Section 8.1.3 - Asset Inspection	Section 8.1.3 - Asset Inspection	
870	OEIS	023	OEIS_023	2	OEIS_023_02	Regarding PG&E's transmission asset inspection programs and pilots: a. Provide the first use of level 1, level 2 conditions and number of inspections performed from January 1, 2020, to December 31, 2023, for the following inspection initiatives and pilot programs. If the inspection initiative or pilot program began after January 1, 2020, please specify the start date of the initiative in the response. i. Aerial inspections ii. Conductor measurement iii. Remote pole loading assessments iv. Corona inspections v. Discharge sampling and hearing vi. LUDAR based pole loading assessments vii. Aerial inspections viii. Conductor measurement ix. Discharge sampling and hearing x. LUDAR based pole loading assessments xi. Aerial inspections xii. Corona inspections	Nathan Peon	6/20/2024	7/1/2024	7/1/2024	https://www.gse.com/Portals/0/Files/023/023_02.pdf	0	NA	8	Section 8.1.3 - Asset Inspection	Section 8.1.3 - Asset Inspection	
871	CaPA	Set WMP-50	CaPA_Set WMP-50	1	CaPA_Set WMP-50_01	The Filippi Energy Partners - PG&E Independent Safety Monitor Status Update Report, October 6, 2023 (ISM Report) stated that there were 1,400 action items in the Multiple Charge Review and Evaluation (MCRE) for 2022. However, in 2023 WMP data request Confidentiality PG&E 2022WMP-34, Question 1, there are apparently 900 action items listed. Please explain the discrepancy.	Amenda Asadi	6/24/2024	7/9/2024	7/9/2024	https://www.gse.com/Portals/0/Files/050/050_01.pdf	0	NA	8.1.8.1	Grid Operations and Procedures	Protective Equipment and Device Settings	
872	CaPA	Set WMP-50	CaPA_Set WMP-50	2	CaPA_Set WMP-50_02	In response to Data request Confidentiality PG&E 2022WMP-34, Question 1, PG&E states, "No additional action required" for 38 circuits in 2022. Please explain why no additional action was required.	Amenda Asadi	6/24/2024	7/9/2024	7/9/2024	https://www.gse.com/Portals/0/Files/050/050_02.pdf	0	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23 - 28 Evaluation and Reporting of Safety Impacts Relating to EPSS	
873	CaPA	Set WMP-50	CaPA_Set WMP-50	3	CaPA_Set WMP-50_03	Data request Confidentiality PG&E 2022WMP-34, Question 3, Attachments 1 and 2 show claims and complaints received from 5/19/2023 to 1/21/2024. Please provide an Excel sheet of claims and complaints filed to customers related to outages on circuits with EPSS settings enabled at the time of outage that was received in 2021, 2022, 7/1/2023 to 5/18/2023, 10/13/2023 to 1/21/2024. For each claim, please include the following information in separate columns: i. The Circuit name and ID associated with the complaint. ii. Description of each complaint or claim. iii. Resolution of each complaint or claim. iv. Due date of each resolution. v. Actual completion date of each resolution. vi. Actual completion date of each resolution.	Amenda Asadi	6/24/2024	7/9/2024	7/1/2024	https://www.gse.com/Portals/0/Files/050/050_03.pdf	2	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23 - 28 Evaluation and Reporting of Safety Impacts Relating to EPSS	
873	CaPA	Set WMP-50	CaPA_Set WMP-50_03h	30h	CaPA_Set WMP-50_03h	Data request Confidentiality PG&E 2022WMP-34, Question 3, Attachments 1 and 2 show claims and complaints received from 5/19/2023 to 1/21/2024. Please provide an Excel sheet of claims and complaints filed to customers related to outages on circuits with EPSS settings enabled at the time of outage that was received in 2021, 2022, 7/1/2023 to 5/18/2023, 10/13/2023 to 1/21/2024. For each claim, please include the following information in separate columns: i. The Circuit name and ID associated with the complaint. ii. Description of each complaint or claim. iii. Resolution of each complaint or claim. iv. Due date of each resolution. v. Actual completion date of each resolution.	Amenda Asadi	6/24/2024	7/9/2024	7/9/2024	https://www.gse.com/Portals/0/Files/050/050_03h.pdf	1	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23 - 28 Evaluation and Reporting of Safety Impacts Relating to EPSS	
874	CaPA	Set WMP-50	CaPA_Set WMP-50_04	4	CaPA_Set WMP-50_04	Provide an Excel spreadsheet of all distribution circuits in FT D or High Fire Risk Areas (HFRAs), or incoming FT D and HFRAs locations, entering as of January 1, 2020. Do you include the circuit name? i. Yes ii. No iii. Data PG&E Set request EPSS settings on any of the circuit	Amenda Asadi	6/24/2024	7/9/2024	7/9/2024	https://www.gse.com/Portals/0/Files/050/050_04.pdf	1	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23 - 28 Evaluation and Reporting of Safety Impacts Relating to EPSS	
875	CALPA	Set WMP-50	CALPA_Set WMP-50	5	CALPA_Set WMP-50_05	Data request Confidentiality PG&E 2022WMP-34, Questions 9 and 10, PG&E states that Garberville 110 and Clear 110 had Fast Step Enabled for 2022 and 2023. Provide an Excel sheet of all distribution circuits in FT D or High Fire Risk Areas (HFRAs), or incoming FT D and HFRAs locations, entering as of January 1, 2020. Do you include the circuit name? i. Yes ii. No iii. Data PG&E Set request EPSS settings on any of the circuit	Amenda Asadi	6/24/2024	7/1/2024	7/1/2024	https://www.gse.com/Portals/0/Files/050/050_05.pdf	1	NA	11.4	Appendix D - Areas for Continued Improvement	11.4 ACI PG&E 23 - 28 Evaluation and Reporting of Safety Impacts Relating to EPSS	

676	CAFA	Set WMP-50	CAFA_Set WMP-50	6	CAFA_Set WMP-50_06	<p>Provide an Excel table that lists (see rows) each sustained outage that occurred from January 1, 2021 through December 31, 2023 on any of the circuits identified in your response to Question 5 of data request CA/Arcoires/PG&E-2023WMP-04. For each outage, the Excel table should include the following information in separate columns:</p> <p>(A) Outage ID</p> <p>(B) Circuit Name</p> <p>(C) Circuit ID</p> <p>(D) Was EPSS enabled on this circuit at the time of the outage?</p> <p>(E) P&E Photo Link</p> <p>(F) Outage End Day & Time</p> <p>(G) CSEDU Count of Customers Experiencing Sustained Outages</p> <p>(H) Customer Minutes</p> <p>(I) Cause</p> <p>(J) Restoration Time (Minutes)</p>	<p>Please see "WMP-Discovery2023-2025_DR_CAI/Arcoires_055-006A46101.xlsx" for the requested information. Please note, column H indicates if the outage was sustained or non-sustained.</p>	Amenda Asadi	6/24/2024	7/9/2024	7/9/2024	https://www.gap.com/Assets/055-006A46101.xlsx	1	NA	11.4	Appendix D - Assess for Continued Improvement	11.4 ACI PG&E-23-26 Evaluation and Reporting of Safety Impacts Relating to EPSS
677	CAFA	Set WMP-50	CAFA_Set WMP-50	7	CAFA_Set WMP-50_07	<p>Provide an Excel table that lists (see rows) each momentary outage that occurred from January 1, 2021 through December 31, 2023 on any of the circuits identified in your response to Question 5 of data request CA/Arcoires/PG&E-2023WMP-04. For each outage, the Excel table should include the following information in separate columns:</p> <p>(A) Outage ID</p> <p>(B) Circuit Name</p> <p>(C) Circuit ID</p> <p>(D) Was EPSS enabled on this circuit at the time of the outage?</p> <p>(E) P&E Photo Link</p> <p>(F) Outage End Day & Time</p> <p>(G) CSEDU Count of Customers Experiencing Sustained Outages</p> <p>(H) Customer Minutes</p> <p>(I) Cause</p> <p>(J) Restoration Time (Minutes)</p>	<p>Please see "WMP-Discovery2023-2025_DR_CAI/Arcoires_055-006A46101.xlsx" for the requested information. Please note, column H indicates if the outage was sustained or non-sustained.</p>	Amenda Asadi	6/24/2024	7/9/2024	7/9/2024	https://www.gap.com/Assets/055-006A46101.xlsx	0	NA	11.4	Appendix D - Assess for Continued Improvement	11.4 ACI PG&E-23-26 Evaluation and Reporting of Safety Impacts Relating to EPSS
678	CAFA	Set WMP-50	CAFA_Set WMP-50	8	CAFA_Set WMP-50_08	<p>Provide an Excel table that lists (see rows) each sustained outage that occurred from January 1, 2021 through December 31, 2023 on the following circuits: SCE REFUGIO 1101, SCE VEGAS 1102, SCE TEJON TRE 1103, SCE TENACHAPI 1103, SCE MCIFLANDS 1103, VALLEY SPRINGE 1103, LAKEWOOD 1103, VASOMA 1102, NAPA 1110, PUEBLO 2104, BIG TREES 1002, LOS OSITOS 2101, LAS POSITAS 2103, LAS ARIZADAS 0401, ORINDA 0401, SPENCE 1101. For each outage, the Excel table should include the following information in separate columns:</p> <p>(A) Outage ID</p> <p>(B) Circuit Name</p> <p>(C) Circuit ID</p> <p>(D) Was EPSS enabled on this circuit at the time of the outage?</p> <p>(E) P&E Photo Link</p> <p>(F) When was this circuit made EPSS-capable?</p> <p>(G) CSEDU Count of Customers Experiencing Sustained Outages</p> <p>(H) Customer Minutes</p> <p>(I) Cause</p> <p>(J) Restoration Time (Minutes)</p>	<p>Please see "WMP-Discovery2023-2025_DR_CAI/Arcoires_055-006A46101.xlsx" for the requested information. Column H indicates if the outage was sustained or non-sustained.</p> <p>Please note, as the following circuits did not have outages, this table will not be populated in the attachment. SCE VEGAS 1101, SCE TEJON TRE 1103, SCE MCIFLANDS 1103, PUEBLO 2104, As of July 2, 2024, these circuits have not been made EPSS-capable.</p>	Amenda Asadi	6/24/2024	7/9/2024	7/9/2024	https://www.gap.com/Assets/055-006A46101.xlsx	1	NA	11.4	Appendix D - Assess for Continued Improvement	11.4 ACI PG&E-23-26 Evaluation and Reporting of Safety Impacts Relating to EPSS
679	CAFA	Set WMP-50	CAFA_Set WMP-50	9	CAFA_Set WMP-50_09	<p>Provide an Excel spreadsheet of the following distribution circuits (see rows): SCE REFUGIO 1101, SCE VEGAS 1102, SCE TEJON TRE 1103, SCE TENACHAPI 1103, SCE MCIFLANDS 1103, VALLEY SPRINGE 1103, LAKEWOOD 1103, VASOMA 1102, NAPA 1110, PUEBLO 2104, BIG TREES 1002, LOS OSITOS 2101, LAS POSITAS 2103, LAS ARIZADAS 0401, ORINDA 0401, SPENCE 1101. For each outage, the Excel table should include the following information in separate columns:</p> <p>(A) Outage ID</p> <p>(B) Circuit Name</p> <p>(C) Circuit ID</p> <p>(D) Was EPSS enabled on this circuit at the time of the outage?</p> <p>(E) P&E Photo Link</p> <p>(F) When was this circuit made EPSS-capable?</p> <p>(G) CSEDU Count of Customers Experiencing Sustained Outages</p> <p>(H) Customer Minutes</p> <p>(I) Cause</p> <p>(J) Restoration Time (Minutes)</p>	<p>Please see "WMP-Discovery2023-2025_DR_CAI/Arcoires_055-006A46101.xlsx" for the requested information. Please note, column H indicates if the outage was sustained or non-sustained.</p>	Amenda Asadi	6/24/2024	7/9/2024	7/9/2024	https://www.gap.com/Assets/055-006A46101.xlsx	0	NA	11.4	Appendix D - Assess for Continued Improvement	11.4 ACI PG&E-23-26 Evaluation and Reporting of Safety Impacts Relating to EPSS
680	CAFA	Set WMP-50	CAFA_Set WMP-50	10	CAFA_Set WMP-50_10	<p>Provide an Excel spreadsheet of the following distribution circuits (see rows): SCE REFUGIO 1101, SCE VEGAS 1102, SCE TEJON TRE 1103, SCE TENACHAPI 1103, SCE MCIFLANDS 1103, VALLEY SPRINGE 1103, LAKEWOOD 1103, VASOMA 1102, NAPA 1110, PUEBLO 2104, BIG TREES 1002, LOS OSITOS 2101, LAS POSITAS 2103, LAS ARIZADAS 0401, ORINDA 0401, SPENCE 1101. Include the following information in separate columns:</p> <p>(A) Outage ID</p> <p>(B) Chapter Log, Loss Pathway Diagram</p> <p>(C) Data PG&E for advanced EPSS settings on any part of the circuit?</p> <p>(D) Circuit SAIDI for 2016</p> <p>(E) Circuit SAIDI for 2017</p> <p>(F) Circuit SAIDI for 2018</p> <p>(G) Circuit SAIDI for 2019</p> <p>(H) Circuit SAIDI for 2020</p> <p>(I) Circuit SAIDI for 2021</p> <p>(J) Circuit SAIDI for 2022</p> <p>(K) Circuit SAIDI for 2023</p>	<p>Please see "WMP-Discovery2023-2025_DR_CAI/Arcoires_055-006A46101.xlsx" for the requested information.</p> <p>In addition to the circuits included in the attachment, please see the table below for Circuit IDs for the circuits which did not have outages and were not provided to the attachment.</p> <p>Circuit Name Circuit ID SCE Vegas 1101 0588101 SCE Tegen Tre 1103 2581911 SCE Mciflands 1103 2881111 Pueblo 2104 04322104</p>	Amenda Asadi	6/24/2024	7/9/2024	7/9/2024	https://www.gap.com/Assets/055-006A46101.xlsx	0	NA	11.4	Appendix D - Assess for Continued Improvement	11.4 ACI PG&E-23-26 Evaluation and Reporting of Safety Impacts Relating to EPSS
681	CAFA	Set WMP-51	CAFA_Set WMP-51	1	CAFA_Set WMP-51_01	<p>Provide an Excel table that lists (see rows) each sustained outage that occurred from January 1, 2021 through December 31, 2023 on any of the circuits identified in your response to Question 5 of data request CA/Arcoires/PG&E-2023WMP-03, question 11 (CA/Arcoires_2023Q11). PG&E provided the following version of Table PG&E-8.1.2.3 as inferred to users on the April 5 table:</p> <p>MAGE</p> <p>Note the reason why PG&E made each of the following changes to Table PG&E 8.1.2.3 in the three months from April 5, 2024, to July 5, 2024:</p> <p>(A) In 2023, the total number of miles in the "Fire Related" category is 159 miles in the April 5 table, but 111 miles in the July 5 table.</p> <p>(B) In 2024, the total number of miles in the "Top 20% Risk-Rated Circuit Segment" category is 204 miles in the April 5 table, but 183 miles in the July 5 table.</p> <p>(C) In 2024, the total number of miles in the "Fire Related" category is 49 miles in the April 5 table, but 55 miles in the July 5 table.</p> <p>(D) In 2024, the total number of miles in the "SPSP" category is 33 miles in the April 5 table, but 0 miles in the July 5 table.</p> <p>(E) In 2024, the total number of miles in the "Other IG Programs" category is 2 miles in the April 5 table, but 0 miles in the July 5 table.</p> <p>(F) In the two-year period from 2020 to 2020, the total number of miles in the "Top 20% Risk-Rated Circuit Segment" category is 195 miles in the April 5 table, but 711 miles in the July 5 table.</p> <p>(G) In the two-year period from 2020 to 2020, the total number of miles in the "Fire Related" category is 44 miles in the April 5 table, but 41 miles in the July 5 table.</p> <p>(H) In the two-year period from 2020 to 2020, the total number of miles in the "SPSP" category is 2 miles in the April 5 table, but 7 miles in the July 5 table.</p>	<p>As described in our WMP Section 8.1.2.3, PG&E's underground workshop analysis identifies Project schedules can change because of project dependencies, such as permitting and easement delays. Further, the workshop evolved to account for the 2023 QRC Decision. Below describes the changes quadrantly made between when the worksheets were submitted between April 5 and July 5.</p> <p>(A) The July 5 table incorporates miles from Greenville Community Rebuild projects. These projects were inadvertently missing from all versions of the summary table since the July 5 version.</p> <p>(B) The change was driven by seven projects shifting schedules from 2024 to 2025 and one from 2024 to 2026.</p> <p>(C) As with other shifts, the July 5 table incorporates miles from Greenville Community Rebuild projects. These projects were inadvertently missing from all versions of the summary table prior to the July 5 version.</p> <p>(D) The change was driven by two projects shifting schedules from 2024 to 2025.</p> <p>(E) The change was driven by one project shifting schedule from 2024 to 2025.</p> <p>(F) The primary driver in the reduction of miles for 2020-2025 is the need to align the workshop to the 2023-2026 GRC mileage targets. These changes include removing existing projects and adding new projects to the GRC risk reduction targets.</p> <p>(G) The change was driven by three Rebuild project schedule changes between 2024 and 2025, one project moved from 2024 to 2025, another from 2025 to 2024, resulting in a net impact of increased miles in 2024 and reduced miles in 2025-2026.</p> <p>(H) The change was driven by the same two projects described in subpart (E), also one project being removed from the workshop.</p> <p>(I) One four-year project from the April 5 table has been removed from the July 5 table, and 10 miles from eight projects were added. Of the 10 miles added, 11 miles are in calculations have been applied to in a system of records for the associated projects.</p> <p>(J) This change was driven by the same project described in subpart (G), as well as a single project that was missing that table data at the time of the July 5 report creation. This will be updated in our system of record and will be included in future versions of this table.</p>	Holly Waldman	7/9/2024	7/12/2024	7/12/2024	https://www.gap.com/Assets/055-006A46101.xlsx	0	NA	8	Section 8.1.2 - Grid Design and System Hardening	8.1.2.1.2 Other grid topology improvements to mitigate or reduce PSPS events - Distribution
682	CPUC - SPD (Safety Policy Division)	018	CPUC - SPD (Safety Policy Division)_018_01	1	CPUC - SPD (Safety Policy Division)_018_01	<p>Submit the 2024 QDR Confidential and Non-Confidential versions (including both spatial and non-spatial) via Klevos to SPD's Wildlife and Safety Performance Section.</p> <p>The following questions relate to your WMP Quarterly Data Report for Q2 of 2024, Table 13, received on August 2, 2024, which reports assessed cumulative non-fire incidents that were open at the end of the quarter. The following data request seeks information for ALL open work orders in your territory, not only open work orders in High-Peak Threat Districts.</p> <p>Please use the following information to search our Table 13 in separate columns:</p> <p>(A) Name of the associated circuit</p> <p>(B) Geographic latitude in decimal degrees, truncated to seven decimal places</p> <p>(C) Geographic longitude in decimal degrees, truncated to seven decimal places</p> <p>(D) Priority of the original notification, using PG&E's internal priority level codes</p> <p>(E) Object/damage code or other internal description of defect</p> <p>(F) P&E's ignition risk (Y/N)</p> <p>(G) General Order ID/Exception General (Y/N)</p> <p>(H) Circuit Segment Identification Number</p> <p>(I) Area Date as of July 31, 2024 (Y/N).</p>	<p>Please find the requested 2024 Q2 QDR Spatial and Non-Spatial files attached to this response.</p> <p>(A) OES Cover letter Q2 2024 Submission.pdf (B) PG&E_2024_Q2_Table1-13_R0.xlsx (C) PG&E_2024_Q2_SpatialData.xlsx (D) PG&E_2024_Q2_CONF.zip (E) PG&E_2024_Q2_RiskEventPhotos-Ignition_CONF.zip (F) PG&E_2024_Q2_InitiativePhotos-Ignition-Assessments_CONF_1.zip (G) PG&E_2024_Q2_InitiativePhotos-Ignition-Assessments_CONF_2.zip (H) PG&E_2024_Q2_InitiativePhotos-Ignition-Assessments_CONF_3.zip (I) OES-2024-Q2-InitiativePhotos-Ignition-Assessments_CONF_4.pdf</p> <p>Please see attachment "WMP-Discovery2023-2025_DR_CAI/Arcoires_052-0011601.xlsx" for the requested information.</p> <p>The following explanatory notes pertain to the data:</p> <p>Column A of Table 13 (Column B in the attachment) in the QDR provides the original call ID/PG&E's internal priority level. Column D (Impassioned) also provides (Y/N) if the attached dataset provides the current priority using PG&E's internal priority level.</p> <p>Considerations that pertain to ignition risk (responsive to subpart (F)) within HTFD or PG&E High Peak Threat Areas (HPA) are outlined under a comprehensive object/damage codes and individual review during gatekeeping by the Compliance Inspection Group.</p> <p>For Geographic latitude and longitude, PG&E uses internal mapping systems that can contain both spatial and non-spatial risk conditions and non-HTFD non-HTFA notifications are not consistently included in our data feeds. This is only valid for notifications within HTFD or HPFA.</p> <p>PG&E has not responded from the Compliance or team reported, formal responses for maintenance tags under General Order (GO) 01, Rule 18. However, PG&E has internally identified maintenance tags that have been identified under maintenance circumstances including those identified under GO 01, Rule 18, which have been noted in Column I (responsive to subpart (I)).</p> <p>Notifications are not associated with circuit segments. The Functional Location has been provided for the Circuit Segment Identification Number, located in Column V of the attachment.</p>	Henry Sweet	8/22/2024	8/6/2024	8/22/2024	https://www.gap.com/Assets/055-006A46101.xlsx	9	NA	QDR	NA	NA
683	CAFA	Set WMP-52	CAFA_Set WMP-52	1	CAFA_Set WMP-52_01	<p>Provide an Excel table that lists (see rows) each sustained outage that occurred from January 1, 2021 through December 31, 2023 on any of the circuits identified in your response to Question 5 of data request CA/Arcoires/PG&E-2023WMP-03, question 11 (CA/Arcoires_2023Q11). PG&E provided the following version of Table PG&E-8.1.2.3 as inferred to users on the April 5 table:</p> <p>MAGE</p> <p>Note the reason why PG&E made each of the following changes to Table PG&E 8.1.2.3 in the three months from April 5, 2024, to July 5, 2024:</p> <p>(A) In 2023, the total number of miles in the "Fire Related" category is 159 miles in the April 5 table, but 111 miles in the July 5 table.</p> <p>(B) In 2024, the total number of miles in the "Top 20% Risk-Rated Circuit Segment" category is 204 miles in the April 5 table, but 183 miles in the July 5 table.</p> <p>(C) In 2024, the total number of miles in the "Fire Related" category is 49 miles in the April 5 table, but 55 miles in the July 5 table.</p> <p>(D) In 2024, the total number of miles in the "SPSP" category is 33 miles in the April 5 table, but 0 miles in the July 5 table.</p> <p>(E) In 2024, the total number of miles in the "Other IG Programs" category is 2 miles in the April 5 table, but 0 miles in the July 5 table.</p> <p>(F) In the two-year period from 2020 to 2020, the total number of miles in the "Top 20% Risk-Rated Circuit Segment" category is 195 miles in the April 5 table, but 711 miles in the July 5 table.</p> <p>(G) In the two-year period from 2020 to 2020, the total number of miles in the "Fire Related" category is 44 miles in the April 5 table, but 41 miles in the July 5 table.</p> <p>(H) In the two-year period from 2020 to 2020, the total number of miles in the "SPSP" category is 2 miles in the April 5 table, but 7 miles in the July 5 table.</p>	<p>Please find the requested 2024 Q2 QDR Spatial and Non-Spatial files attached to this response.</p> <p>(A) OES Cover letter Q2 2024 Submission.pdf (B) PG&E_2024_Q2_Table1-13_R0.xlsx (C) PG&E_2024_Q2_SpatialData.xlsx (D) PG&E_2024_Q2_CONF.zip (E) PG&E_2024_Q2_RiskEventPhotos-Ignition_CONF.zip (F) PG&E_2024_Q2_InitiativePhotos-Ignition-Assessments_CONF_1.zip (G) PG&E_2024_Q2_InitiativePhotos-Ignition-Assessments_CONF_2.zip (H) PG&E_2024_Q2_InitiativePhotos-Ignition-Assessments_CONF_3.zip (I) OES-2024-Q2-InitiativePhotos-Ignition-Assessments_CONF_4.pdf</p> <p>Please see attachment "WMP-Discovery2023-2025_DR_CAI/Arcoires_052-0011601.xlsx" for the requested information.</p> <p>The following explanatory notes pertain to the data:</p> <p>Column A of Table 13 (Column B in the attachment) in the QDR provides the original call ID/PG&E's internal priority level. Column D (Impassioned) also provides (Y/N) if the attached dataset provides the current priority using PG&E's internal priority level.</p> <p>Considerations that pertain to ignition risk (responsive to subpart (F)) within HTFD or PG&E High Peak Threat Areas (HPA) are outlined under a comprehensive object/damage codes and individual review during gatekeeping by the Compliance Inspection Group.</p> <p>For Geographic latitude and longitude, PG&E uses internal mapping systems that can contain both spatial and non-spatial risk conditions and non-HTFD non-HTFA notifications are not consistently included in our data feeds. This is only valid for notifications within HTFD or HPFA.</p> <p>PG&E has not responded from the Compliance or team reported, formal responses for maintenance tags under General Order (GO) 01, Rule 18. However, PG&E has internally identified maintenance tags that have been identified under maintenance circumstances including those identified under GO 01, Rule 18, which have been noted in Column I (responsive to subpart (I)).</p> <p>Notifications are not associated with circuit segments. The Functional Location has been provided for the Circuit Segment Identification Number, located in Column V of the attachment.</p>	Benjamin Katzenberg	8/19/2024	9/6/2024	9/6/2024	https://www.gap.com/Assets/055-006A46101.xlsx	1	NA	QDR	NA	NA

720	CAPA	Set WMP-54	CAPA_Set WMP-54	3	CAPA_Set WMP-54_Q3	<p>At this PG&E does any research into regulator compliance for wildfire mitigation?</p> <p>(i) Yes, please provide a brief description of the research PG&E has done, including at least the minimum following information: Research: Study Name: Description of Research: Objective Results Start Date End Date</p> <p>(ii) Has PG&E evaluated the potential use of flytiter crockers in PG&E's system for wildfire mitigation purposes?</p> <p>(iii) If the answer to part (i) is yes, please provide a brief description of all potential use cases.) PG&E has evaluated for these other laptop devices.</p> <p>(iv) If the answer to part (i) is yes, state the time frame during which this evaluation took place.</p> <p>(v) If the answer to part (i) is yes, list all facilities that PG&E has identified regarding the use of flytiter crockers in PG&E's system.</p> <p>(vi) If the answer to part (i) is yes, list all documents that PG&E has identified regarding the use of flytiter crockers in PG&E's system.</p> <p>(vii) If the answer to part (i) is yes, state the estimated cost (may be a range) regarding the use of flytiter crockers in PG&E's system.</p> <p>(viii) Please provide all research documents and reports that PG&E has written, commissioned, or funded on this topic.</p> <p>(ix) Does PG&E plan to perform evaluation in the future regarding the use of flytiter crockers in PG&E's system for wildfire mitigation purposes? State approximately when.</p> <p>At this PG&E does any research into other devices (aside from the types referenced in questions 719) that can be energy practices in less than 10 milliseconds for wildfire mitigation?</p> <p>(i) Yes, please provide a brief description of the research PG&E has done, including at least the minimum following information: Research: Study Name: Description of Research: Objective Results Start Date End Date</p> <p>(ii) Has PG&E evaluated the potential use of these other laptop devices in PG&E's system for wildfire mitigation purposes?</p> <p>(iii) If the answer to part (i) is yes, please provide a brief description of all potential use cases.) PG&E has evaluated for these other laptop devices.</p> <p>(iv) If the answer to part (i) is yes, state the time frame during which this evaluation took place.</p> <p>(v) If the answer to part (i) is yes, list all facilities that PG&E has identified regarding the use of these other laptop devices in PG&E's system.</p> <p>(vi) If the answer to part (i) is yes, list all documents that PG&E has identified regarding the use of these other laptop devices in PG&E's system.</p> <p>(vii) If the answer to part (i) is yes, state the estimated cost (may be a range) regarding the use of these other laptop devices in PG&E's system.</p> <p>(viii) Please provide all research documents and reports that PG&E has written, commissioned, or funded on this topic.</p> <p>(ix) Does PG&E plan to perform evaluation in the future regarding the use of these other laptop devices in PG&E's system for wildfire mitigation purposes? State approximately when.</p>	Tyler Hochstetler	10/29/2024	11/13/2024				NA	NA	NA	NA	
721	CAPA	Set WMP-54	CAPA_Set WMP-54	4	CAPA_Set WMP-54_Q4	<p>At this PG&E does any research into regulator compliance for wildfire mitigation?</p> <p>(i) Yes, please provide a brief description of the research PG&E has done, including at least the minimum following information: Research: Study Name: Description of Research: Objective Results Start Date End Date</p> <p>(ii) Has PG&E evaluated the potential use of these other laptop devices in PG&E's system for wildfire mitigation purposes?</p> <p>(iii) If the answer to part (i) is yes, please provide a brief description of all potential use cases.) PG&E has evaluated for these other laptop devices.</p> <p>(iv) If the answer to part (i) is yes, state the time frame during which this evaluation took place.</p> <p>(v) If the answer to part (i) is yes, list all facilities that PG&E has identified regarding the use of these other laptop devices in PG&E's system.</p> <p>(vi) If the answer to part (i) is yes, list all documents that PG&E has identified regarding the use of these other laptop devices in PG&E's system.</p> <p>(vii) If the answer to part (i) is yes, state the estimated cost (may be a range) regarding the use of these other laptop devices in PG&E's system.</p> <p>(viii) Please provide all research documents and reports that PG&E has written, commissioned, or funded on this topic.</p> <p>(ix) Does PG&E plan to perform evaluation in the future regarding the use of these other laptop devices in PG&E's system for wildfire mitigation purposes? State approximately when.</p> <p>At this PG&E does any research into other devices (aside from the types referenced in questions 720) that can be energy practices in less than 10 milliseconds for wildfire mitigation?</p> <p>(i) Yes, please provide a brief description of the research PG&E has done, including at least the minimum following information: Research: Study Name: Description of Research: Objective Results Start Date End Date</p> <p>(ii) Has PG&E evaluated the potential use of these other laptop devices in PG&E's system for wildfire mitigation purposes?</p> <p>(iii) If the answer to part (i) is yes, please provide a brief description of all potential use cases.) PG&E has evaluated for these other laptop devices.</p> <p>(iv) If the answer to part (i) is yes, state the time frame during which this evaluation took place.</p> <p>(v) If the answer to part (i) is yes, list all facilities that PG&E has identified regarding the use of these other laptop devices in PG&E's system.</p> <p>(vi) If the answer to part (i) is yes, list all documents that PG&E has identified regarding the use of these other laptop devices in PG&E's system.</p> <p>(vii) If the answer to part (i) is yes, state the estimated cost (may be a range) regarding the use of these other laptop devices in PG&E's system.</p> <p>(viii) Please provide all research documents and reports that PG&E has written, commissioned, or funded on this topic.</p> <p>(ix) Does PG&E plan to perform evaluation in the future regarding the use of these other laptop devices in PG&E's system for wildfire mitigation purposes? State approximately when.</p>	Tyler Hochstetler	10/29/2024	11/13/2024				NA	NA	NA	NA	NA
Pre-Discovery 01	CAPA	Set WMP-01	CAPA_Set WMP-01	1	CAPA_Set WMP-01_Q1	<p>This data request pertains to your 2023-2024 Wildlife Mitigation Plan (WMP) and all related documents and submissions (including but not limited to data submissions, maps, GIS data, attachments, and appendices).</p> <p>This data request covers the entirety of calendar year 2023.</p> <p>Please provide a copy of each WMP-related document, submission, or report you submit to the Office of Energy Infrastructure Safety (Energy Safety) (2023) that is related to your WMP. Provide the copy to Cal Advocates within one business day of the document's submission to Energy Safety. If you have submitted the document to Energy Safety in 2023 prior to this data request, please provide a copy as soon as possible and no later than 10 business days from the issuance of this data request.</p> <p>This request is limited to materials or documents that (1) are related to work plans, release reports, risk models, risk based efficiency (RBE) calculations, or WMP change orders; and (2) are provided to Energy Safety to provide additional details or correct concerning information or omissions in your WMP and any subsequent revisions or change orders affecting your WMP.</p>	Holly Waterman	2/7/2023	2/14/2023	2/14/2023	<p>https://www.pge.com/bgs_global/common/gbfs/...</p> <p>https://www.pge.com/bgs_global/common/gbfs/...</p> <p>https://www.pge.com/bgs_global/common/gbfs/...</p> <p>https://www.pge.com/bgs_global/common/gbfs/...</p>	0	NA	NA	NA	NA	
Pre-Discovery 02	CAPA	Set WMP-01	CAPA_Set WMP-01	2	CAPA_Set WMP-01_Q2	<p>Please provide a copy of your WMP pre-submission within two business days of its submission to Energy Safety.</p>	Holly Waterman	2/7/2023	2/15/2023	2/15/2023	<p>https://www.pge.com/bgs_global/common/gbfs/...</p> <p>https://www.pge.com/bgs_global/common/gbfs/...</p> <p>https://www.pge.com/bgs_global/common/gbfs/...</p>	1	NA	NA	NA	NA	
Pre-Discovery 03	CAPA	Set WMP-01	CAPA_Set WMP-01	3	CAPA_Set WMP-01_Q3	<p>Please a copy of all documents or files that are referenced in your WMP Quarterly Data Reports and submitted to Energy Safety including but not limited to PDFs, spatial data files, non-spatial data files, and confidential attachments (on the same business day that the documents is sent to Energy Safety).</p>	Holly Waterman	2/7/2023	2/14/2023	2/14/2023	<p>https://www.pge.com/bgs_global/common/gbfs/...</p> <p>https://www.pge.com/bgs_global/common/gbfs/...</p> <p>https://www.pge.com/bgs_global/common/gbfs/...</p>	0	NA	NA	NA	NA	
Pre-Discovery 04	CAPA	Set WMP-01	CAPA_Set WMP-01	4	CAPA_Set WMP-01_Q4	<p>Please identify and provide a copy of all confidential responses to WMP discovery requests, on the same business day that you send the documents to the issuer of the discovery request. This includes:</p> <p>(a) Confidential responses to WMP discovery requests issued by Energy Safety;</p> <p>(b) Confidential responses to WMP discovery requests issued by other entities.</p>	Holly Waterman	2/7/2023	2/14/2023	2/14/2023	<p>https://www.pge.com/bgs_global/common/gbfs/...</p> <p>https://www.pge.com/bgs_global/common/gbfs/...</p> <p>https://www.pge.com/bgs_global/common/gbfs/...</p>	0	NA	NA	NA	NA	
Pre-Discovery 05	CAPA	Set WMP-02	CAPA_Set WMP-02	1	CAPA_Set WMP-02_Q1	<p>Please identify and provide a copy of all quality assurance or quality control (QA/QC) reports conducted by internal entities that were completed since January 1, 2022 and that examined any programs, initiatives, or strategies described in your 2022 WMP Update.</p>	Holly Waterman	2/7/2023	3/7/2023	3/7/2023	<p>https://www.pge.com/bgs_global/common/gbfs/...</p> <p>https://www.pge.com/bgs_global/common/gbfs/...</p> <p>https://www.pge.com/bgs_global/common/gbfs/...</p>	6	NA	NA	NA	NA	
Pre-Discovery 06	CAPA	Set WMP-02	CAPA_Set WMP-02	2	CAPA_Set WMP-02_Q2	<p>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. WMP Update. These reports should include, but are not limited to, consultants, contractors, auditors, court-appointed monitors, and independent reviewers.</p>	Holly Waterman	2/7/2023	3/7/2023	3/7/2023	<p>https://www.pge.com/bgs_global/common/gbfs/...</p> <p>https://www.pge.com/bgs_global/common/gbfs/...</p> <p>https://www.pge.com/bgs_global/common/gbfs/...</p>	0	NA	NA	NA	NA	
Pre-Discovery 07	CAPA	Set WMP-02	CAPA_Set WMP-02	3	CAPA_Set WMP-02_Q3	<p>Please identify and provide all of all defects in the year 2022 found by Energy Safety's Compliance Branch (see notes) that includes the following information to separate columns:</p> <p>(a) Association of defect type</p> <p>(b) Defect type</p> <p>(c) Description of defect</p> <p>(d) WMP violation from your 2022 WMP Update associated with defect</p> <p>(e) Date that the defect was identified</p> <p>(f) Date that the defect was corrected</p> <p>(g) Data that the defect was not corrected as of the issuance date of this request, a brief explanation</p> <p>(h) Priority level of corresponding correction log</p> <p>(i) Geographic latitude of defect in decimal degrees, rounded to seven decimal places</p> <p>(j) Geographic longitude of defect in decimal degrees, rounded to seven decimal places</p>	Holly Waterman	2/7/2023	2/22/2023	2/22/2023	<p>https://www.pge.com/bgs_global/common/gbfs/...</p> <p>https://www.pge.com/bgs_global/common/gbfs/...</p> <p>https://www.pge.com/bgs_global/common/gbfs/...</p>	1	NA	NA	8.1.3	Asset Inspections	NA

Pre-Discovery 08	CaPA	Sat WMP-03	CaPA_Sat WMP-03_01	1	CaPA_Sat WMP-03_01	<p>Provide an Excel table of all distribution circuits existing as of January 1, 2023 (as rows) that includes the following information in separate columns:</p> <ul style="list-style-type: none"> a. Circuit name b. Circuit ID number c. Total circuit miles d. Circuit miles in Non-HFTD Areas e. Circuit miles in Other HFTD f. Circuit miles in HFTD Tier 2 g. Circuit miles in HFTD Tier 3 h. Circuit mileage i. Circuit SAIDI (System Average Interruption Duration Index) for 2021 j. Circuit SAIDI (System Average Interruption Duration Index) for 2022 k. Circuit SAIDI (System Average Interruption Duration Index) for 2023 l. Circuit SAIFI (System Average Interruption Frequency Index) for 2021 m. Circuit SAIFI (System Average Interruption Frequency Index) for 2022 n. Circuit SAIFI (System Average Interruption Frequency Index) for 2023 <p>Total customer-minutes of de-energization on the circuit due to PSPS events in 2021 (sum of customer-minutes across all PSPS events).</p> <p>Total customer-minutes of de-energization on the circuit due to fast-track settings in 2021.</p> <p>Total customer-minutes of de-energization on the circuit due to fast-track settings in 2022.</p> <p>Total customer-minutes of de-energization on the circuit due to fast-track settings in 2023.</p> <p>Number of trees that were worked on for EM in Non-HFTD in 2021</p> <p>Number of trees that were worked on for EM in Other HFTD in 2021</p> <p>Number of trees that were worked on for EM in HFTD Tier 2 in 2021</p> <p>Number of trees that were worked on for EM in HFTD Tier 3 in 2021</p> <p>Number of trees that were worked on for EM in Non-HFTD in 2022</p> <p>Number of trees that were worked on for EM in Other HFTD in 2022</p> <p>Number of trees that were worked on for EM in HFTD Tier 2 in 2022</p> <p>Number of trees that were worked on for EM in HFTD Tier 3 in 2022</p> <p>Miles of covered conductor installed in Non-HFTD in 2021</p> <p>Miles of covered conductor installed in Other HFTD in 2021</p> <p>Miles of covered conductor installed in HFTD Tier 2 in 2021</p> <p>Miles of covered conductor installed in HFTD Tier 3 in 2021</p> <p>Miles of covered conductor installed in Non-HFTD in 2022</p> <p>Miles of covered conductor installed in Other HFTD in 2022</p> <p>Miles of covered conductor installed in HFTD Tier 2 in 2022</p> <p>Miles of covered conductor installed in HFTD Tier 3 in 2022</p> <p>Miles of covered conductor installed in Non-HFTD in 2023</p> <p>Miles of covered conductor installed in Other HFTD in 2023</p> <p>Miles of covered conductor installed in HFTD Tier 2 in 2023</p> <p>Miles of covered conductor installed in HFTD Tier 3 in 2023</p> <p>Number of animals and/or structures in contact with power lines</p>	Holy Warham	2/2/2023	3/1/2023	3/1/2023	https://www.san-bgo.gov/portal/homepage/urls/... https://www.san-bgo.gov/portal/homepage/urls/... https://www.san-bgo.gov/portal/homepage/urls/...	2	NA	8.1.3	Asset Inspections	Distribution
Pre-Discovery 09	CaPA	Sat WMP-03	CaPA_Sat WMP-03_02	2	CaPA_Sat WMP-03_02	<p>Provide an Excel table of all distribution circuits existing as of January 1, 2023 (as rows) that includes the following information in separate columns:</p> <ul style="list-style-type: none"> a. Circuit name b. Circuit ID number c. Total circuit miles d. Circuit miles in Non-HFTD Areas e. Circuit miles in Other HFTD f. Circuit miles in HFTD Tier 2 g. Circuit miles in HFTD Tier 3 h. Circuit mileage i. Circuit SAIDI (System Average Interruption Duration Index) for 2021 j. Circuit SAIDI (System Average Interruption Duration Index) for 2022 k. Circuit SAIDI (System Average Interruption Duration Index) for 2023 l. Circuit SAIFI (System Average Interruption Frequency Index) for 2021 m. Circuit SAIFI (System Average Interruption Frequency Index) for 2022 n. Circuit SAIFI (System Average Interruption Frequency Index) for 2023 <p>Total customer-minutes of de-energization on the circuit due to PSPS events in 2021 (sum of customer-minutes across all PSPS events).</p> <p>Total customer-minutes of de-energization on the circuit due to fast-track settings in 2021.</p> <p>Total customer-minutes of de-energization on the circuit due to fast-track settings in 2022.</p> <p>Total customer-minutes of de-energization on the circuit due to fast-track settings in 2023.</p> <p>Number of support structures replaced in Other HFTD in 2021</p> <p>Number of support structures replaced in Other HFTD in 2022</p> <p>Number of support structures replaced in Other HFTD in 2023</p> <p>Number of support structures replaced in HFTD Tier 2 in 2021</p> <p>Number of support structures replaced in HFTD Tier 2 in 2022</p> <p>Number of support structures replaced in HFTD Tier 2 in 2023</p> <p>Number of support structures replaced in HFTD Tier 3 in 2021</p> <p>Number of support structures replaced in HFTD Tier 3 in 2022</p> <p>Number of support structures replaced in HFTD Tier 3 in 2023</p> <p>Miles of LVAR inspection in Non-HFTD in 2021</p> <p>Miles of LVAR inspection in Other HFTD in 2021</p> <p>Miles of LVAR inspection in HFTD Tier 2 in 2021</p> <p>Miles of LVAR inspection in HFTD Tier 3 in 2021</p> <p>Miles of LVAR inspection in Non-HFTD in 2022</p> <p>Miles of LVAR inspection in Other HFTD in 2022</p> <p>Miles of LVAR inspection in HFTD Tier 2 in 2022</p> <p>Miles of LVAR inspection in HFTD Tier 3 in 2022</p> <p>Miles of LVAR inspection in Non-HFTD in 2023</p> <p>Miles of LVAR inspection in Other HFTD in 2023</p> <p>Miles of LVAR inspection in HFTD Tier 2 in 2023</p> <p>Miles of LVAR inspection in HFTD Tier 3 in 2023</p> <p>Number of animals and/or structures in contact with power lines</p>	Holy Warham	2/2/2023	3/1/2023	3/1/2023	https://www.san-bgo.gov/portal/homepage/urls/... https://www.san-bgo.gov/portal/homepage/urls/... https://www.san-bgo.gov/portal/homepage/urls/...	0	NA	8.1.3	Asset Inspections	Transmission
Pre-Discovery 10	CaPA	Sat WMP-03	CaPA_Sat WMP-03_03	3	CaPA_Sat WMP-03_03	<p>Provide an Excel table of all distribution circuits existing as of January 1, 2022 (as rows) that were removed or decommissioned in 2022, either partially or entirely. This includes permanent removal, removal of overhead lines that were moved underground, or overhead lines that were decommissioned but physically remain. Include the following information in separate columns:</p> <ul style="list-style-type: none"> a. Circuit name b. Circuit ID number c. Circuit miles removed or decommissioned in Non-HFTD Areas d. Circuit miles removed or decommissioned in Other HFTD e. Circuit miles removed or decommissioned in HFTD Tier 2 f. Circuit miles removed or decommissioned in HFTD Tier 3 g. Reason(s) for removal or decommissioning 	Holy Warham	2/2/2023	3/1/2023	3/1/2023	https://www.san-bgo.gov/portal/homepage/urls/... https://www.san-bgo.gov/portal/homepage/urls/... https://www.san-bgo.gov/portal/homepage/urls/...	1	NA	8.1.2	Grid Design and System Hardening	Work Performed in 2022
Pre-Discovery 11	CaPA	Sat WMP-03	CaPA_Sat WMP-03_04	4	CaPA_Sat WMP-03_04	<p>Provide an Excel table of all transmission circuits existing as of January 1, 2022 (as rows) that were removed or decommissioned in 2022, either partially or entirely. This includes permanent removal, removal of overhead lines that were moved underground, or overhead lines that were decommissioned but physically remain. Include the following information in separate columns:</p> <ul style="list-style-type: none"> a. Circuit name b. Circuit ID number c. Circuit miles removed or decommissioned in Non-HFTD Areas d. Circuit miles removed or decommissioned in Other HFTD e. Circuit miles removed or decommissioned in HFTD Tier 2 f. Circuit miles removed or decommissioned in HFTD Tier 3 g. Reason(s) for removal or decommissioning 	Holy Warham	2/2/2023	3/1/2023	3/1/2023	https://www.san-bgo.gov/portal/homepage/urls/... https://www.san-bgo.gov/portal/homepage/urls/... https://www.san-bgo.gov/portal/homepage/urls/...	1	NA	8.1.2	Grid Design and System Hardening	System Hardening
Pre-Discovery 12	CaPA	Sat WMP-03	CaPA_Sat WMP-03_05	5	CaPA_Sat WMP-03_05	<p>Provide an Excel table of all transmission circuits existing as of January 1, 2022 (as rows) that were removed or decommissioned in 2022, either partially or entirely. This includes permanent removal, removal of overhead lines that were moved underground, or overhead lines that were decommissioned but physically remain. Include the following information in separate columns:</p> <ul style="list-style-type: none"> a. Circuit name b. Circuit ID number c. Circuit miles removed or decommissioned in Non-HFTD Areas d. Circuit miles removed or decommissioned in Other HFTD e. Circuit miles removed or decommissioned in HFTD Tier 2 f. Circuit miles removed or decommissioned in HFTD Tier 3 g. Reason(s) for removal or decommissioning 	Holy Warham	2/2/2023	3/1/2023	3/1/2023	https://www.san-bgo.gov/portal/homepage/urls/... https://www.san-bgo.gov/portal/homepage/urls/... https://www.san-bgo.gov/portal/homepage/urls/...	0	NA	2022 WMP Section 1	Wildfire Mitigation Strategy Development	NA
Pre-Discovery 13	CaPA	Sat WMP-03	CaPA_Sat WMP-03_06	6	CaPA_Sat WMP-03_06	<p>Provide an Excel table of all transmission circuits existing as of January 1, 2022 (as rows) that were removed or decommissioned in 2022, either partially or entirely. This includes permanent removal, removal of overhead lines that were moved underground, or overhead lines that were decommissioned but physically remain. Include the following information in separate columns:</p> <ul style="list-style-type: none"> a. Circuit name b. Circuit ID number c. Circuit miles removed or decommissioned in Non-HFTD Areas d. Circuit miles removed or decommissioned in Other HFTD e. Circuit miles removed or decommissioned in HFTD Tier 2 f. Circuit miles removed or decommissioned in HFTD Tier 3 g. Reason(s) for removal or decommissioning 	Holy Warham	2/2/2023	3/1/2023	3/1/2023	https://www.san-bgo.gov/portal/homepage/urls/... https://www.san-bgo.gov/portal/homepage/urls/... https://www.san-bgo.gov/portal/homepage/urls/...	0	NA	2022 WMP Section 1	Wildfire Mitigation Strategy Development	NA

Discovery ID	Category	Set	Item	Count	Requester	Request	Response	Response Date	Response Status	Response Content	Response Date	Response Status	Response Content	Response Date	Response Status	Response Content	Response Date	Response Status	Response Content		
Pre-Discovery 48	CA/PA	Set WMP-37	CA/PA_Sat WMP-37	1	CA/PA_Sat WMP-37_Q1	Please provide a copy of each WMP Update related document, submission or report submitted to the Office of Energy Infrastructure Safety (Energy Safety) in 2024 or 2023 that is used in your 2025 WMP Update. Provide the copy to CA/PA within the timeline of the request. If you have submitted a document to Energy Safety for this request, please provide a copy as soon as possible and include the following information: (1) a list of all documents that were submitted to Energy Safety, (2) a list of all documents that were not submitted to Energy Safety, (3) a list of all documents that were submitted to Energy Safety but were not included in your WMP Update, and (4) a list of all documents that were submitted to Energy Safety but were not included in your WMP Update. This request is limited to materials or documents that (1) are related to work plans, initiation logs, risk models, and other efficiency (E) or reliability (R) related documents, (2) are related to WMP change orders, and (3) are provided to Energy Safety to provide additional data or context concerning information or statements in your WMP Update and any subsequent revisions or change orders affecting your WMP.	Holy Wellman	3/20/2023	4/20/2024	4/20/2024	https://www.pge.com/Assets/Reports/Reports/2025-01-01-CA/PA/CA/PA_Sat_WMP-37_Q1.pdf	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pre-Discovery 49	CA/PA	Set WMP-37	CA/PA_Sat WMP-37	2	CA/PA_Sat WMP-37_Q2	Please provide a copy of all documents or files that are referenced in your WMP Quarterly Data Reports and submitted to Energy Safety including but not limited to all PDRs, control data files, non-control data files, and confidential statements), within business days of the document's submission to Energy Safety.	Holy Wellman	3/20/2023	4/20/2024	4/20/2024	https://www.pge.com/Assets/Reports/Reports/2025-01-01-CA/PA/CA/PA_Sat_WMP-37_Q2.pdf	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pre-Discovery 50	CA/PA	Set WMP-37	CA/PA_Sat WMP-37	3	CA/PA_Sat WMP-37_Q3	Please provide a copy to CA/PA of all your confidential responses to WMP discovery requests, on the same process day you provided the documents to the issuer of the discovery request. This includes: (1) Confidential responses to WMP discovery requests issued by Energy Safety; (2) Confidential responses to WMP discovery requests issued by other parties.	Holy Wellman	3/20/2023	4/20/2024	4/20/2024	https://www.pge.com/Assets/Reports/Reports/2025-01-01-CA/PA/CA/PA_Sat_WMP-37_Q3.pdf	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pre-Discovery 51	CA/PA	Set WMP-38	CA/PA_Sat WMP-38	1	CA/PA_Sat WMP-38_Q1	Provide an Excel table of all distribution circuits existing as of January 1, 2024 (see rows) that includes the following information in separate columns: (1) PGE's ability to provide some or all of the requested information at the requested level, provide such data at the circuit level instead and explain why PGE is unable to provide equipment-level data. (2) Circuit name (3) Circuit ID number (4) Total circuit miles (5) Circuit miles in Non-FTD (6) Circuit miles in Other FT D (7) Circuit miles in FT D Tier 2 (8) Circuit miles in FT D Tier 3 (9) Circuit voltage (10) Total customer-mileage of de-energization on the circuit due to PSPS events in 2023 (sum of customer-mileage across all PSPS events) (11) Number of support structures installed in Non-FTD in 2023 (12) Number of support structures installed in Other FT D in 2023 (13) Number of support structures installed in FT D Tier 2 in 2023 (14) Number of support structures installed in FT D Tier 3 in 2023 (15) Number of poles installed in Non-FTD in 2023 (16) Number of poles installed in Other FT D in 2023 (17) Number of poles installed in FT D Tier 2 in 2023 (18) Number of poles installed in FT D Tier 3 in 2023 (19) Miles of underground conductor installation in Non-FTD in 2023 (20) Miles of underground conductor installation in Other FT D in 2023 (21) Miles of underground conductor installation in FT D Tier 2 in 2023 (22) Miles of underground conductor installation in FT D Tier 3 in 2023 (23) Miles of L2/L3M inspection in Non-FTD in 2023 (24) Miles of L2/L3M inspection in Other FT D in 2023 (25) Miles of L2/L3M inspection in FT D Tier 2 in 2023 (26) Miles of L2/L3M inspection in FT D Tier 3 in 2023 (27) Number of disabled climbing inspections in Non-FTD in 2023 (28) Number of disabled climbing inspections in Other FT D in 2023 (29) Number of disabled climbing inspections in FT D Tier 2 in 2023 (30) Number of disabled climbing inspections in FT D Tier 3 in 2023 (31) Number of disabled ground-based inspections in Non-FTD in 2023 (32) Number of disabled ground-based inspections in Other FT D in 2023 (33) Number of disabled ground-based inspections in FT D Tier 2 in 2023 (34) Number of disabled ground-based inspections in FT D Tier 3 in 2023	Holy Wellman	3/20/2023	4/19/2024	4/19/2024	https://www.pge.com/Assets/Reports/Reports/2025-01-01-CA/PA/CA/PA_Sat_WMP-38_Q1.pdf	4	NA	8	Section 8.1.3 - Asset Inspection	8.1.3.2 Asset Inspections - Distribution					
Pre-Discovery 52	CA/PA	Set WMP-38	CA/PA_Sat WMP-38	2	CA/PA_Sat WMP-38_Q2	Provide an Excel table of all transmission circuits existing as of January 1, 2024 (see rows) that includes the following information in separate columns: (1) Circuit name (2) Circuit ID number (3) Circuit miles in Non-FTD (4) Circuit miles in Other FT D (5) Circuit miles in FT D Tier 2 (6) Circuit miles in FT D Tier 3 (7) Circuit voltage (8) Total customer-mileage of de-energization on the circuit due to PSPS events in 2023 (sum of customer-mileage across all PSPS events) (9) Number of support structures installed in Non-FTD in 2023 (10) Number of support structures installed in Other FT D in 2023 (11) Number of support structures installed in FT D Tier 2 in 2023 (12) Number of support structures installed in FT D Tier 3 in 2023 (13) Miles of L2/L3M inspection in Non-FTD in 2023 (14) Miles of L2/L3M inspection in Other FT D in 2023 (15) Miles of L2/L3M inspection in FT D Tier 2 in 2023 (16) Miles of L2/L3M inspection in FT D Tier 3 in 2023 (17) Number of disabled climbing inspections in Non-FTD in 2023 (18) Number of disabled climbing inspections in Other FT D in 2023 (19) Number of disabled climbing inspections in FT D Tier 2 in 2023 (20) Number of disabled climbing inspections in FT D Tier 3 in 2023 (21) Number of disabled ground-based inspections in Non-FTD in 2023 (22) Number of disabled ground-based inspections in Other FT D in 2023 (23) Number of disabled ground-based inspections in FT D Tier 2 in 2023 (24) Number of disabled ground-based inspections in FT D Tier 3 in 2023	Holy Wellman	3/20/2023	4/19/2024	4/19/2024	https://www.pge.com/Assets/Reports/Reports/2025-01-01-CA/PA/CA/PA_Sat_WMP-38_Q2.pdf	0	NA	8	Section 8.1.3 - Asset Inspection	8.1.3.1 Asset Inspections - Transmission					
Pre-Discovery 53	CA/PA	Set WMP-38	CA/PA_Sat WMP-38	3	CA/PA_Sat WMP-38_Q3	Provide an Excel table of all distribution circuits existing as of January 1, 2023 (see rows) that were removed or decommissioned in 2023, either partially or wholly. This includes permanent removal, removal of overhead lines, new removal of underground, or overhead lines that were decommissioned but physically remain. Include the following information in separate columns: (1) Circuit name (2) Circuit ID number (3) Circuit miles removed or decommissioned in Non-FTD (4) Circuit miles removed or decommissioned in Other FT D (5) Circuit miles removed or decommissioned in FT D Tier 2 (6) Circuit miles removed or decommissioned in FT D Tier 3 (7) Reason for removal or decommissioning	Holy Wellman	3/20/2023	4/19/2024	4/19/2024	https://www.pge.com/Assets/Reports/Reports/2025-01-01-CA/PA/CA/PA_Sat_WMP-38_Q3.pdf	1	NA	8	Section 8.1.3 - Asset Inspection	8.1.3.2 Asset Inspections - Distribution					

Pre-Discovery 54	CaPA	Set WMP-38	CaPA_Set WMP-38	4	CaPA_Set WMP-38_04	<p>Provide an Excel table of all transmission circuits entering as of January 1, 2023 (see rows) that were removed or decommissioned in 2023, either partially or entirely. This includes permanent removal, removal of overhead line that was moved underground, or overhead lines that were decommissioned but not physically removed. Include the following information in separate columns:</p> <ol style="list-style-type: none"> Circuit name Circuit ID number Circuit miles removed or decommissioned in Non-HFTD Circuit miles removed or decommissioned in Over-HFTD Circuit miles removed or decommissioned in HFTD Tier 2 Circuit miles removed or decommissioned in HFTD Tier 3 <p>As a backup for removal or decommissioning.</p>	<p>Please see attachment "WMP-Discovery2023-2025_DR_CaPAAdvocate_038-004A401.xlsx" for the requested information.</p> <p>ATTACHMENTS: WMP-Discovery2023-2025_DR_CaPAAdvocate_038-004A401.xlsx</p>	Holly Weisman	3/20/23	4/19/2024	4/19/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_CaPAAdvocate_038-004A401.xlsx	1	NA	8	Section 8.1.3 - Asset Inspection	8.1.3.1 Asset Inspections - Transmission	
Pre-Discovery 55	MGRA	008	MGRA_Data Request No. 8	1	MGRA_Data Request No. 8_01	<p>GIS Data: Please provide the GIS data set provided to the Office of Energy Infrastructure Safety for Q1-Q3 2023.</p> <p>Please remove any confidential attributes that may have been added to the requested records.</p> <p>Please provide for Asset Point data for Cameras, Fuses, Support Structure, and Weather Station.</p>	<p>GENERAL STATEMENT REGARDING RESPONSE TO QUESTIONS 1 THROUGH 8 in response to question 1 through 7 of the set of data requests. PG&E is providing non-confidential data from the 2023 Office of Energy Infrastructure and Safety Energy Safety Geographic Information System (GIS) Data Standard submission, as requested by the requesting party. Due to the high volume of records our administration of this information is not feasible or practical. The feature classes and related tables included in this submission are not used in a regular basis and therefore, the structural aspect of feature class data and the geospatial representation of the data creates complexity in identifying the confidentiality of related records. Therefore, PG&E is providing address list for each PG&E in applying confidentiality designations at the feature class and field level, contained on the selected data. PG&E is not releasing the file of maintaining individual records. Each analysis was used to identify nonconfidential records. PG&E respectfully requests that MGRA use the data for internal purposes only and request access to a need-to-know basis.</p> <p>In response to this request, PG&E is providing Cameras and Weather Station data, as released in the 2023 Energy Safety GIS Data Standard Submission. PG&E is also providing non-confidential data from the Support Structure feature class. As requested, WMP-Discovery2023-2025_DR_MGRA_038-00119ap17.gdb. PG&E is not providing data for the Fuse feature class as this data is confidential critical energy infrastructure information (CEII). Please see attachment "WMP-Discovery2023-2025_DR_MGRA_038-00119ap17.gdb" for the data requested.</p>	Joseph Michael	3/10/23	4/9/2024	4/9/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17.gdb	1	NA		Appendix D	Appendix D - Assets for Continued Improvement	Appendix D ACI PG&E-22-33 Progress on Filing Asset Inventory Data Gaps
Pre-Discovery 56	MGRA	Data Request No. 8	MGRA_Data Request No. 8	10	MGRA_Data Request No. 8_01A	<p>GIS Data: Please provide the GIS data set provided to the Office of Energy Infrastructure Safety for Q1-Q3 2023.</p> <p>Please remove any confidential attributes that may have been added to the requested records.</p> <p>Please provide for Asset Point data for Cameras, Fuses, Support Structure, and Weather Station.</p>	<p>Please see "WMP-Discovery2023-2025_DR_MGRA_038-00119ap17A1n01.gdb" for the information requested during PG&E's discussion with MGRA on Friday, April 12, 2024.</p>	Joseph Michael	3/10/23	4/22/2024	4/22/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17A1n01.gdb	1	NA		Appendix D	Appendix D - Assets for Continued Improvement	Appendix D ACI PG&E-22-33 Progress on Filing Asset Inventory Data Gaps
Pre-Discovery 56	MGRA	008	MGRA_Data Request No. 8	2	MGRA_Data Request No. 8_02	<p>Provide Asset Line data for Transmission Line (as permitted as non-confidential), Primary Distribution Line, and Secondary Distribution Line.</p>	<p>In response to this request, PG&E is providing non-confidential data for the Primary and Secondary Distribution Line for Q1-Q3 2023. PG&E is providing the Energy Safety GIS Data Standard Submission. As requested, PG&E is providing the Transmission Line feature class (CEII). Please see attachment "WMP-Discovery2023-2025_DR_MGRA_038-00119ap17.gdb" for the data requested.</p>	Joseph Michael	3/10/23	4/5/2024	4/5/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17.gdb	0	NA		Appendix D	Appendix D - Assets for Continued Improvement	Appendix D ACI PG&E-22-33 Progress on Filing Asset Inventory Data Gaps
Pre-Discovery 56	MGRA	Data Request No. 8	MGRA_Data Request No. 8	20	MGRA_Data Request No. 8_02B	<p>Provide Asset Line data for Transmission Line (as permitted as non-confidential), Primary Distribution Line, and Secondary Distribution Line.</p>	<p>Please see "WMP-Discovery2023-2025_DR_MGRA_038-00119ap17A1n01.gdb" for the information requested during PG&E's discussion with MGRA on Friday, April 12, 2024.</p>	Joseph Michael	3/10/23	4/23/2024	4/23/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17A1n01.gdb	1	NA		Appendix D	Appendix D - Assets for Continued Improvement	Appendix D ACI PG&E-22-33 Progress on Filing Asset Inventory Data Gaps
Pre-Discovery 57	MGRA	008	MGRA_Data Request No. 8	3	MGRA_Data Request No. 8_03	<p>Provide PPSV Event data. Include Event Log, Event Line, Event Polygon data. Please exclude customer meter data. Provide all PPSV Event Asset Change data including photos.</p>	<p>In response to this request, PG&E is providing non-confidential data for the PPSV Event data for the Quarter Q1, Q2, and Q3 2023 submissions as no PPSV Event Line data was requested. The Event Line feature class is not included in this submission. As requested, our non-confidential data is included in this response. Please see attachment "WMP-Discovery2023-2025_DR_MGRA_038-00119ap17.gdb" for the data requested.</p>	Joseph Michael	3/10/23	4/9/2024	4/9/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17.gdb	0	NA		Appendix D	Appendix D - Assets for Continued Improvement	Appendix D ACI PG&E-22-33 Progress on Filing Asset Inventory Data Gaps
Pre-Discovery 57	MGRA	Data Request No. 8	MGRA_Data Request No. 8	30	MGRA_Data Request No. 8_03A	<p>Provide PPSV Event data. Include Event Log, Event Line, Event Polygon data. Please exclude customer meter data. Provide all PPSV Event Asset Change data including photos.</p>	<p>Please see "WMP-Discovery2023-2025_DR_MGRA_038-00119ap17.gdb" for the information requested during PG&E's discussion with MGRA on Friday, April 12, 2024.</p>	Joseph Michael	3/10/23	4/22/2024	4/22/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17.gdb	1	NA		Appendix D	Appendix D - Assets for Continued Improvement	Appendix D ACI PG&E-22-33 Progress on Filing Asset Inventory Data Gaps
Pre-Discovery 58	MGRA	008	MGRA_Data Request No. 8	4	MGRA_Data Request No. 8_04	<p>Provide Risk Event Point data. Include Wind Down, Ignition, Transmission Tower Failure, and Weather Station Data. Provide all critical non-confidential Distribution Vegetation Cause/Upstream Outage, Risk Event Asset Log.</p>	<p>In response to this request, PG&E is providing non-confidential data for the Wind Down, Ignition, Transmission Tower Failure, and Weather Station Data. PG&E is providing the Energy Safety GIS Data Standard Submission. Energy Safety changed the format for version 3.1.1 of the Distribution Vegetation Cause/Upstream Outage feature class. A single feature class. Please see attachment "WMP-Discovery2023-2025_DR_MGRA_038-00119ap17.gdb" for the data requested.</p>	Joseph Michael	3/10/23	4/9/2024	4/9/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17.gdb	0	NA		Appendix D	Appendix D - Assets for Continued Improvement	Appendix D ACI PG&E-22-33 Progress on Filing Asset Inventory Data Gaps
Pre-Discovery 58	MGRA	Data Request No. 8	MGRA_Data Request No. 8	40	MGRA_Data Request No. 8_04A	<p>Please provide for Asset Point data for Cameras, Fuses, Support Structure, and Weather Station.</p>	<p>Please see "WMP-Discovery2023-2025_DR_MGRA_038-00119ap17.gdb" for the information requested during PG&E's discussion with MGRA on Friday, April 12, 2024.</p>	Joseph Michael	3/10/23	4/22/2024	4/22/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17.gdb	1	NA		Appendix D	Appendix D - Assets for Continued Improvement	Appendix D ACI PG&E-22-33 Progress on Filing Asset Inventory Data Gaps
Pre-Discovery 59	MGRA	008	MGRA_Data Request No. 8	5	MGRA_Data Request No. 8_05	<p>Under Implants, please provide GIS Handing data, including Handing Log, Handing Point, and Handing Line data. Inspection date is not requested at this time.</p>	<p>In response to this request, PG&E is providing non-confidential data for the GIS Handing Log, Handing Point, and Handing Line feature classes as delivered in the 2023 Energy Safety GIS Data Standard Submission. Energy Safety changed the format for version 3.1.1 of the Handing Log feature class. Please see attachment "WMP-Discovery2023-2025_DR_MGRA_038-00119ap17.gdb" for the data requested.</p>	Joseph Michael	3/10/23	4/5/2024	4/5/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17.gdb	0	NA		Appendix D	Appendix D - Assets for Continued Improvement	Appendix D ACI PG&E-22-33 Progress on Filing Asset Inventory Data Gaps
Pre-Discovery 59	MGRA	Data Request No. 8	MGRA_Data Request No. 8	50	MGRA_Data Request No. 8_05B	<p>Under Implants, please provide GIS Handing data, including Handing Log, Handing Point, and Handing Line data. Inspection date is not requested at this time.</p>	<p>Please see "WMP-Discovery2023-2025_DR_MGRA_038-00119ap17A1n01.gdb" for the information requested during PG&E's discussion with MGRA on Friday, April 12, 2024.</p>	Joseph Michael	3/10/23	4/23/2024	4/23/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17A1n01.gdb	1	NA		Appendix D	Appendix D - Assets for Continued Improvement	Appendix D ACI PG&E-22-33 Progress on Filing Asset Inventory Data Gaps
Pre-Discovery 60	MGRA	008	MGRA_Data Request No. 8	6	MGRA_Data Request No. 8_06	<p>Under Other Requested Data, please provide Red Flag Warning Day polygon data.</p>	<p>In response to this request, PG&E is providing non-confidential data for the Red Flag Warning Day polygon data for Q1-Q3 2023 submissions as delivered in the 2023 Energy Safety GIS Data Standard Submission. PG&E is unable to provide the Red Flag Warning Day polygon data for Q1-Q3 submissions as there was no Red Flag Warning Day to report. Please see attachment "WMP-Discovery2023-2025_DR_MGRA_038-00119ap17.gdb" for the data requested.</p>	Joseph Michael	3/10/23	4/9/2024	4/9/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17.gdb	0	NA		Appendix D	Appendix D - Assets for Continued Improvement	Appendix D ACI PG&E-22-33 Progress on Filing Asset Inventory Data Gaps
Pre-Discovery 60	MGRA	Data Request No. 8	MGRA_Data Request No. 8	60	MGRA_Data Request No. 8_06B	<p>Under Other Requested Data, please provide Red Flag Warning Day polygon data.</p>	<p>Please see "WMP-Discovery2023-2025_DR_MGRA_038-00119ap17A1n01.gdb" for the information requested during PG&E's discussion with MGRA on Friday, April 12, 2024.</p> <p>The requested circuit segment-level risk model results that correspond with this request are the 2023 Q1-Q4 data are the WISRA Distribution Risk Model (WDRM) results that were provided previously in WMP-Discovery2023_DR_MGRA_001-Q001 and submitted in the March 2024 Data Standard Submission. PG&E is providing the WDRM results in a CSV file for Q1-Q4 2023. The WDRM results are not publicly available. PG&E is providing the WDRM results in a CSV file to the customer. At this time, the customer has not been granted approval for access to the WDRM results. WDRM at enhanced resolution will be first introduced in the 2025 WDRM.</p>	Joseph Michael	3/10/23	4/22/2024	4/22/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17A1n01.gdb	1	NA		Appendix D	Appendix D - Assets for Continued Improvement	Appendix D ACI PG&E-22-33 Progress on Filing Asset Inventory Data Gaps
Pre-Discovery 61	MGRA	008	MGRA_Data Request No. 8	7	MGRA_Data Request No. 8_07	<p>Please provide a layer indicating calculated circuit-level risk using the methodology presented in the WMP.</p> <p>As independent probability and consequence layers exist, please provide these independently as well.</p>	<p>PG&E internally has managed Quality Assurance (QA)/Quality Control (QC) within our individual functional areas. In 2023, PG&E formalized its independent quality management system in support of the System Inspectors and Vegetation Management functional areas. As a result, the response provided for 2023 aligns with data produced to satisfy 2023 commitments. Please see the eight attachments identified below for details of QA/QC performed in the following programs: 1. Vegetation Management Routine Distribution 2. Vegetation Management Routine Transmission 3. System Inspectors Distribution 4. System Inspectors Transmission.</p>	Joseph Michael	3/10/23	4/5/2024	4/5/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17.gdb	0	NA		Appendix D	Appendix D - Assets for Continued Improvement	Appendix D ACI PG&E-22-33 Response Operations for Potential Fault/Outages in the Highest Risk Areas
Pre-Discovery 61	MGRA	Data Request No. 8	MGRA_Data Request No. 8	70	MGRA_Data Request No. 8_07A	<p>Please provide a layer indicating calculated circuit-level risk using the methodology presented in the WMP.</p> <p>As independent probability and consequence layers exist, please provide these independently as well.</p>	<p>Please see "WMP-Discovery2023-2025_DR_MGRA_038-00119ap17A1n01.gdb" for the information requested during PG&E's discussion with MGRA on Friday, April 12, 2024.</p>	Joseph Michael	3/10/23	4/22/2024	4/22/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17A1n01.gdb	1	NA		Appendix D	Appendix D - Assets for Continued Improvement	Appendix D ACI PG&E-22-33 Response Operations for Potential Fault/Outages in the Highest Risk Areas
Pre-Discovery 62	CaPA	Set WMP-39	CaPA_Set WMP-39	1	CaPA_Set WMP-39_01	<p>Please identify and provide a copy of all quality assurance or quality control (QA/QC) reports conducted by internal entities that have been completed since January 1, 2023 and that examined any programs, initiatives, or strategies described in your 2023-2025 Base WMP.</p>	<p>PG&E internally has managed Quality Assurance (QA)/Quality Control (QC) within our individual functional areas. In 2023, PG&E formalized its independent quality management system in support of the System Inspectors and Vegetation Management functional areas. As a result, the response provided for 2023 aligns with data produced to satisfy 2023 commitments. Please see the eight attachments identified below for details of QA/QC performed in the following programs: 1. Vegetation Management Routine Distribution 2. Vegetation Management Routine Transmission 3. System Inspectors Distribution 4. System Inspectors Transmission.</p>	Holly Weisman	3/22/2024	4/5/2024	4/5/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17.gdb	8	NA	8	Section 8.1.6 - Quality Assurance and Quality Control	8.1.6.1 Quality Assurance (QA)	
Pre-Discovery 63	CaPA	Set WMP-39	CaPA_Set WMP-39	2	CaPA_Set WMP-39_02	<p>Please identify and provide a copy of all quality assurance or quality control (QA/QC) reports conducted by external entities that have been completed since January 1, 2023 and that examined any programs, initiatives, or strategies described in your 2023-2025 Base WMP. External entities include, but are not limited to, consultants, contractors, authors, client-appointed members, and independent evaluators.</p>	<p>PG&E internally has managed Quality Assurance (QA)/Quality Control (QC) within our individual functional areas. In 2023, PG&E formalized its independent quality management system in support of the System Inspectors and Vegetation Management functional areas. As a result, the response provided for 2023 aligns with data produced to satisfy 2023 commitments. Please see the eight attachments identified below for details of QA/QC performed in the following programs: 1. Vegetation Management Routine Distribution 2. Vegetation Management Routine Transmission 3. System Inspectors Distribution 4. System Inspectors Transmission.</p> <p>The QA/QC report was provided to the CPUC on March 29, 2024, and published by the CPUC on April 4, 2024. It equates to the Inspection Entry Report, including the most recent report can be found at the following link: https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17.gdb. The reports describe a number of functional areas and programs, including program and initiatives described in your 2023-2025 WMP.</p>	Holly Weisman	3/22/2024	4/5/2024	4/5/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_MGRA_038-00119ap17.gdb	0	NA	8	Section 8.1.6 - Quality Assurance and Quality Control	8.1.6.1 Quality Assurance (QA)	
Pre-Discovery 64	CaPA	Set WMP-39	CaPA_Set WMP-39	3	CaPA_Set WMP-39_03	<p>Provide an Excel table of all defects in the year 2023 found by Energy Safety's Compliance Branch (see rows) that include the following information in separate columns:</p> <ol style="list-style-type: none"> Associated circuit name Select type Description of defect WMP assigned to your 2023-2025 WMP associated with defect Date that the defect was identified Priority level of the defect when corrected If the defect has not yet been corrected as of the issuance date of this document, a brief explanation of the level of corresponding correction Geographic latitude of defect in decimal degrees, truncated to seven decimal places Geographic longitude of defect in decimal degrees, truncated to seven decimal places 	<p>Please note the attachment to this response contains CONFIDENTIAL information provided pursuant to the confidentiality provisions of the Energy Safety Act. Please see attachment "WMP-Discovery2023-2025_DR_CaPAAdvocate_039-000A4011.csv" for the requested information.</p>	Holly Weisman	3/22/2024	4/9/2024	4/9/2024	https://www.pse.com/Files/Reports/ReportsAndAttachments/2023/2025/Discovery2023-2025_DR_CaPAAdvocate_039-000A4011.csv	1	NA	11	Section 11 - Corrective Action Program	11.3 Corrective Action Program - Addressing Energy Safety's Compliance Assurance Division (i.e., acts and notices of defect and violation)	

Pre-Discovery 65	CaPA	Set WMP-39	CaPA_Set WMP-39	4	CaPA_Set WMP-39_G4	<p>For each WMP Initiative for which you forecast capital expenditures in 2025 to be at least two times actual capital expenditures in 2023, please provide:</p> <p>a) The name of the initiative as it is identified on your 2023 WMP Update.</p> <p>b) The WMP Initiative number in Table 11 of your 2023 WMP Update.</p> <p>c) The name of the initiative as it is identified on your 2023-2025 Base WMP</p> <p>d) The WMP Initiative number in Table 11 of your 2023-2025 Base WMP</p> <p>e) An explanation for the projected increase.</p>	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.pge.com/Files/Reports/Overlays_electrical/2023-2025_base_wmp_updates_and_attachments/2023-2025_base_wmp_updates_and_attachments_039.pdf	0	NA	4	Section 4 - Overview of WMP	4.3 Proposed Expenditures
Pre-Discovery 66	CaPA	Set WMP-39	CaPA_Set WMP-39	5	CaPA_Set WMP-39_G5	<p>For each WMP Initiative for which you forecast operating expenditures in 2025 to be at least two times actual operating expenditures in 2023, please provide:</p> <p>a) The name of the initiative as it is identified on your 2023 WMP Update.</p> <p>b) The WMP Initiative number in Table 11 of your 2023 WMP Update.</p> <p>c) The name of the initiative as it is identified on your 2023-2025 Base WMP</p> <p>d) The WMP Initiative number in Table 11 of your 2023-2025 Base WMP</p> <p>e) An explanation for the projected increase.</p>	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.pge.com/Files/Reports/Overlays_electrical/2023-2025_base_wmp_updates_and_attachments/2023-2025_base_wmp_updates_and_attachments_039.pdf	0	NA	4	Section 4 - Overview of WMP	4.3 Proposed Expenditures
Pre-Discovery 67	CaPA	Set WMP-39	CaPA_Set WMP-39	6	CaPA_Set WMP-39_G6	<p>Please fill out the attached spreadsheet: CaPAActivities-PGE-2023WMP-03 Attachment 1, requesting information regarding your asset inspections in 2023.</p>	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.pge.com/Files/Reports/Overlays_electrical/2023-2025_base_wmp_updates_and_attachments/2023-2025_base_wmp_updates_and_attachments_039.pdf	1	NA	8	Section 8.1.3 - Asset Inspection	8.1.3 Asset Inspectors
Pre-Discovery 68	CaPA	Set WMP-39	CaPA_Set WMP-39	7	CaPA_Set WMP-39_G7	<p>Please provide a list of any incidents in 2023 where the actions of a VM contractor posed a safety issue to workers and/or the public. "Safety risk" here is defined as any occurrence on a worksite where the contractor's actions created a safety hazard for other workers or the general public. For each instance, please provide:</p> <p>a) The date you were informed of the safety issue</p> <p>b) The date the original work that created the safety issue was performed</p> <p>c) Whether the safety issue concerned a suspension or distribution circuit</p> <p>d) The organization management initiative involved in the original work</p> <p>e) A brief description of the safety issue resolved.</p>	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.pge.com/Files/Reports/Overlays_electrical/2023-2025_base_wmp_updates_and_attachments/2023-2025_base_wmp_updates_and_attachments_039.pdf	1	NA	8	Section 8.2 - Vegetation Management and Inspections	8.2 Vegetation Management and Inspections
Pre-Discovery 69	CaPA	Set WMP-39	CaPA_Set WMP-39	8	CaPA_Set WMP-39_G8	<p>In response to Data Request CaPAActivities-PGE-2023WMP-03, Question 8, March 29, 2023, PGE provided its 2023 system hardening schedule for the categories referred to in parts (a)-(d) below. Please provide an updated version of this schedule with additional columns to show the actual system hardening work performed in each circuit segment in 2023 for each of these categories. Please add rows as needed to cover all circuit segments where PGE performed system hardening work in 2023 (years these circuit segments were not included in the original workplan):</p> <p>a) Installation of overhead conductor</p> <p>b) Installation of underground conductor</p> <p>c) Removal of overhead conductor</p> <p>d) Removal of overhead conductor associated with remote grid work.</p>	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.pge.com/Files/Reports/Overlays_electrical/2023-2025_base_wmp_updates_and_attachments/2023-2025_base_wmp_updates_and_attachments_039.pdf	1	NA	8.1.2.5	System Hardening	NA
Pre-Discovery 70	CaPA	Set WMP-39	CaPA_Set WMP-39	9	CaPA_Set WMP-39_G9	<p>Provide your workplan that describes where and when you will perform system hardening on distribution circuits in 2025. For projects that you expect to generally complete in 2025 (i.e., projects that started before 2023 and are expected to terminate in 2025, or projects that are expected to be completed after 2025), please include the project and describe the work that you forecast will actually be performed in calendar year 2025.</p> <p>For each project, include the following information in separate columns, as a minimum:</p> <p>a) Other name?</p> <p>b) NHT code</p> <p>c) Program</p> <p>d) Circuit ID number</p> <p>e) Circuit segment name or ID number (if the project affects more than one circuit segment, please identify each one)</p> <p>f) Relevant wildfire risk scenario(s) from the wildfire risk model that you are using to estimate distribution risk in your 2025 WMP Update filing</p> <p>g) The expected or actual start date of the project</p> <p>h) The expected completion date of the project</p> <p>i) Length in circuit miles of overhead conductor to be installed in 2025</p> <p>j) Length in circuit miles of overhead conductor to be permanently removed in 2025 and replaced by underground conductors (note that this may differ slightly from the previous section due to differing overhead and underground miles)</p> <p>k) Length in circuit miles of overhead conductor to be permanently removed in 2025 and not replaced with covered conductors or undergrounding</p> <p>l) Length in circuit miles of any other type of system hardening project to be installed in 2025 (if this is greater than zero, please describe the type of system hardening project)</p> <p>m) Location-specific, site-specific, or other project-specific characteristics</p> <p>n) Location-specific effectiveness of alternative mitigations.</p>	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.pge.com/Files/Reports/Overlays_electrical/2023-2025_base_wmp_updates_and_attachments/2023-2025_base_wmp_updates_and_attachments_039.pdf	0	NA	8.1.2.5	System Hardening	NA
Pre-Discovery 71	CaPA	Set WMP-39	CaPA_Set WMP-39	10	CaPA_Set WMP-39_G10	<p>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, CaPAActivities-PGE-2023WMP-03 Attachment 2. Add columns as needed.</p>	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.pge.com/Files/Reports/Overlays_electrical/2023-2025_base_wmp_updates_and_attachments/2023-2025_base_wmp_updates_and_attachments_039.pdf	0	NA	8.1.2.5	System Hardening	NA
Pre-Discovery 72	CaPA	Set WMP-39	CaPA_Set WMP-39	11	CaPA_Set WMP-39_G11	<p>On-page 616 of PGE's 2023-2025 WMP R4, January 4, 2024, PGE provided Table PGE&4.1.2.3, shown below. Please provide an updated version of this table (preferably in Excel format) with actuals from 2023 and updated estimates for 2024, 2025, and 2026.</p>	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.pge.com/Files/Reports/Overlays_electrical/2023-2025_base_wmp_updates_and_attachments/2023-2025_base_wmp_updates_and_attachments_039.pdf	1	NA	8.1.2.5	System Hardening	NA

Pre-Discovery 73	CaPA	Set WMP-39	CaPA_Set WMP-39	12	CaPA_Set WMP-39_012	<p>On October 3, 2023, the Wildlife Safety Advisory Board held a meeting. Four documents related to PG&E's ground-level distribution system plan are listed in the meeting materials (see https://www.quality.ca.gov/boards/advisory-boards/wildlife-safety-advisory-board-meeting-10-03-2023).</p> <p>Please provide confidential (i.e., unredacted) copies of these four documents:</p> <ol style="list-style-type: none"> Project Plan Scope Project Information Plan Construction Sketch 	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.peg.com/Assets/Files/012/012144631051CONF.pdf	4	NA	8.1.2.5	System Hardening	NA
Pre-Discovery 74	CaPA	Set WMP-39	CaPA_Set WMP-39	13	CaPA_Set WMP-39_013	<p>Identify any ignitions in 2023 associated with assets where you had an existing corrective notification at the time of the ignition. Please provide a spreadsheet listing each such ignition (see notes) with the following information in separate columns:</p> <ol style="list-style-type: none"> Unique Ignition ID Date of ignition Class of ignition Type of asset associated with the ignition Number of structures burned, if any Number of animals associated with ignition, if any Asset ID of asset associated with ignition Class ID of animal associated with ignition Notes (other comments) for the vehicle manufacturer set on the asset information. 	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.peg.com/Assets/Files/013/013144631051CONF.pdf	1	NA	8	Section 8.3 - Situational Awareness and Forecasting	8.3.1 Existing Ignition Detection Sensors and Systems
Pre-Discovery 75	CaPA	Set WMP-39	CaPA_Set WMP-39	14	CaPA_Set WMP-39_014	<p>Has PG&E's Asset Failure Analysis Team causally corrected any ignitions that occurred in 2023 to assets with existing asset or vegetation corrective notifications at the time of ignition?</p> <ol style="list-style-type: none"> If the answer to part (a) is yes, please provide the following information for each such ignition: <ol style="list-style-type: none"> Asset Identification by the Asset Failure Analysis Team Date of ignition Type of corrective notification that was issued to the ignition (i.e., the priority level and whether it related to asset management or vegetation management) Copies of associated reports or investigations performed by the Asset Failure Analysis Team. 	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.peg.com/Assets/Files/014/014144631051CONF.pdf	4	NA	8	Section 8.3 - Situational Awareness and Forecasting	8.3.1 Existing Ignition Detection Sensors and Systems
Pre-Discovery 75	CaPA	Set WMP-39	CaPA_Set WMP-39	14	CaPA_Set WMP-39_014	<p>Has PG&E's Asset Failure Analysis Team causally corrected any ignitions that occurred in 2023 to assets with existing asset or vegetation corrective notifications at the time of ignition?</p> <ol style="list-style-type: none"> If the answer to part (a) is yes, please provide the following information for each such ignition: <ol style="list-style-type: none"> Asset Identification by the Asset Failure Analysis Team Date of ignition Type of corrective notification that was issued to the ignition (i.e., the priority level and whether it related to asset management or vegetation management) Copies of associated reports or investigations performed by the Asset Failure Analysis Team. 	Holy Wellman	5/15/2024	5/16/2024	5/16/2024	https://www.peg.com/Assets/Files/014/014144631051CONF.pdf	4	NA	NA	Section 8.3 - Situational Awareness and Forecasting	8.3.1 Existing Ignition Detection Sensors and Systems
Pre-Discovery 76	CaPA	Set WMP-39	CaPA_Set WMP-39	15	CaPA_Set WMP-39_015	<p>On page 148 of PG&E's 2023-2025 WMP 39, January 8, 2024, PG&E stated that it was reviewing its field safety assessment procedure (TD-8123P-200) and expects to publish the revised procedure by the end of 2023. At the PG&E published the revised TD-8123P-200 procedure?</p> <ol style="list-style-type: none"> If the answer to part (a) is yes, briefly describe the substance of the changes to the procedure. If the answer to part (a) is no, please explain the delay. If the answer to part (a) is no, please state when PG&E currently expects to publish the revised TD-8123P-200 procedure. 	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.peg.com/Assets/Files/015/015144631051CONF.pdf	1	NA	8	Section 8.1.7 - Open Work Orders	8.1.7.2 Open Work Orders - Distribution Tags
Pre-Discovery 77	CaPA	Set WMP-39	CaPA_Set WMP-39	16	CaPA_Set WMP-39_016	<p>In response to data request CA&Arrestees-PGE-2023WMP-19 question 15, April 26, 2023, PG&E stated that it was actively analyzing the effectiveness of both covered conductor and bare conductor combination with EPSS and OCCV's. PG&E stated that anticipated completing this analysis in 2023.</p> <ol style="list-style-type: none"> Has PG&E completed the analysis mentioned above? If the answer to part (a) is yes, please provide a copy of any reports or other output from the analysis. If the answer to part (a) is no, please explain the delay. If the answer to part (a) is no, please state when PG&E currently expects to complete this analysis. 	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.peg.com/Assets/Files/016/016144631051CONF.pdf	0	NA	8.1.2	Grid Design and System Hardening	Voltage
Pre-Discovery 78	CaPA	Set WMP-39	CaPA_Set WMP-39	17	CaPA_Set WMP-39_017	<p>In response to data request CA&Arrestees-PGE-2023WMP-27 question 5, August 18, 2023, PG&E stated that it expected to complete its Substation Animal Abatement Effectiveness Study in parallel with Electric Power Research Institute by Q1 of 2024.</p> <ol style="list-style-type: none"> Has PG&E completed the Substation Animal Abatement Effectiveness Study? If the answer to part (a) is yes, please provide a copy of any reports or other output from the Substation Animal Abatement Effectiveness Study. If the answer to part (a) is no, please explain the delay. If the answer to part (a) is no, please state when PG&E currently expects to complete the Substation Animal Abatement Effectiveness Study. 	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.peg.com/Assets/Files/017/017144631051CONF.pdf	0	NA	8.1.2.1.2	Grid Design and System Hardening	Other Technologies and Systems - Substation Animal Abatement
Pre-Discovery 79	CaPA	Set WMP-39	CaPA_Set WMP-39	18	CaPA_Set WMP-39_018	<p>In response to data request CA&Arrestees-PGE-2023WMP-27 question 6, August 18, 2023, PG&E stated that it was conducting a study to assess the required wildlife accommodations at locations that have been retrofitted and are now being equipped with covered conductor. PG&E stated that anticipated completing this analysis in 2023.</p> <ol style="list-style-type: none"> Has PG&E completed the study mentioned above? If the answer to part (a) is yes, please provide a copy of any reports or other output from the study. If the answer to part (a) is no, please explain the delay. If the answer to part (a) is no, please state when PG&E currently expects to complete this analysis. 	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.peg.com/Assets/Files/018/018144631051CONF.pdf	0	NA	Appendix D	Appendix D - Areas for Continued Improvement	Appendix D ACI PG&E-20-18 Progress and Updates on Underpinning and Risk Mitigation
Pre-Discovery 80	CaPA	Set WMP-39	CaPA_Set WMP-39	19	CaPA_Set WMP-39_019	<p>In response to data request CA&Arrestees-PGE-2023WMP-29 question 5, September 27, 2023, PG&E stated that it expected to publish its 2023 Electric Asset Management Plan by the end of 2023.</p> <ol style="list-style-type: none"> Has PG&E completed the 2023 Electric Asset Management Plan? If the answer to part (a) is yes, please provide a copy of the 2023 Electric Asset Management Plan. If the answer to part (a) is no, please explain the delay. If the answer to part (a) is no, please state when PG&E currently expects to publish the 2023 Electric Asset Management Plan. 	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.peg.com/Assets/Files/019/019144631051CONF.pdf	0	NA	NA	NA	NA
Pre-Discovery 80	CaPA	Set WMP-39	CaPA_Set WMP-39	19	CaPA_Set WMP-39_019	<p>In response to data request CA&Arrestees-PGE-2023WMP-29 question 5, September 27, 2023, PG&E stated that it expected to publish its 2023 Electric Asset Management Plan by the end of 2023.</p> <ol style="list-style-type: none"> Has PG&E completed the 2023 Electric Asset Management Plan? If the answer to part (a) is yes, please provide a copy of the 2023 Electric Asset Management Plan. If the answer to part (a) is no, please explain the delay. If the answer to part (a) is no, please state when PG&E currently expects to publish the 2023 Electric Asset Management Plan. 	Holy Wellman	3/22/2024	6/21/2024	6/18/2024	https://www.peg.com/Assets/Files/019/019144631051CONF.pdf	1	NA	NA	NA	NA
Pre-Discovery 81	CaPA	Set WMP-39	CaPA_Set WMP-39	20	CaPA_Set WMP-39_020	<p>In response to data request CA&Arrestees-PGE-2023WMP-29 question 6, September 27, 2023, PG&E stated that it was evaluating the history of response to wire down conditions in the HFRANFTD, occurring during the historical peak wildfire season of September 1st and November 1st, going back to 2020. We can complete the analysis by December 31, 2023.</p> <ol style="list-style-type: none"> Has PG&E completed the analysis mentioned above? If the answer to part (a) is yes, please describe your findings. If the answer to part (a) is no, please provide a copy of any reports or other output from the analysis. If the answer to part (a) is no, please explain the delay. If the answer to part (a) is no, please state when PG&E currently expects to complete this analysis. 	Holy Wellman	3/22/2024	4/5/2024	4/5/2024	https://www.peg.com/Assets/Files/020/020144631051CONF.pdf	0	NA	8.2.3.4	Vegetation Management and Inspections	Full-Run Mitigation