Count	Party Name	Data Set	Data Request	Question No.	Question ID	Link to Discovery Responses: Question Text In the reviewol PG&E's WDRM v3 by Energy & Environmental Economics. Inc. (**E3 Review*), the	https://www.pge.com/en_US/safety/emergency-preparedness/natural-disaster/wi Responses a) All distribution asset data utilized in the Wildline Distribution Risk Model (WDRM) v3 were	dfires/wildfire-miti Requestor	gation-plan-disco Date Rec'd	Final Due Date	ests.page Date Sent	Links	Number of Atchs	NDA Required	WMP Section	Category	Subcategory
1	CalPA	Set WMP-07	CalPA_Set WMP- 07	1	CaIPA_Set WMP-07_Q1	authors note: "There were also several refreshes to PG&E asset data, now current to 2022-01- 01, and inclusion of updated internally sourced meteorology datasets."	extracted from PG&E's EDGIS system on January 1, 2022, with the exception of the transformer data which was extracted from EDGIS on February 2, 2022. b) See answer to not a	Joshua Borkowski	3/27/2023	3/30/2023	3/30/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	6.2	Risk Methodology and Assessment	Risk Analysis Framework
2	CalPA	Set WMP-07	CalPA_Set WMP- 07	2	CalPA_Set WMP-07_Q2	In the section of the content of the Lincoln 1, 2023 and an addition of DEE AVDRHA (i.e. A PRASE content of the AVDRHA (i.e. A PRASE content in subject of the VDRHA v1.4 PRASE content is additional to the VDRHA v1.4 PRASE content in subject and the VDRHA v1.4 PRASE content is additional to the VDRHA v1.4 PRASE content in subject and the VDRHA v1.4 PRASE content is additional the VDRHA v1.4 PRASE	c) Sea source to cont a. (a) The Widtler Distribution Risk Model (WDRM) v3 was finalized by approval at the Widtler Risk Governance Steering Committee (WRGSC) on April 13, 2022. (b) The 8 asset groups listed on page 15 of the E3 Review are included in the WDRM v3 but are grouped into the sub-models listed in Figure 5 Sub-model Predictive Performance Measures on more 31 of the E3 meany domainst.	Joshua Borkowski	3/27/2023	3/30/2023	3/30/2023	plan/reference-docs/2023/CalAdvocates 007.zip https://www.pge.com/pge_globai/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 007.zip	0	N/A	6.2	Risk Methodology and Assessment	Risk Analysis Framework
3	CaIPA	Set WMP-07	CalPA_Set WMP- 07	3	CaIPA_Set WMP-07_Q3	a) Bease confirm the date that the WRDM 44 was finalized if the not been finalized to that are provide an estimated date on which it will be finalized b) Pease provide a current list of components that are used as inputs in v4 of the WRDM model. () Please state the date of PG&E asset data used in v4 of the WDRM model. If there are multiple dates, include the most recent fails for any asset data used in v4 of the WDRM model. If there are multiple dates, include the most recent fails for any asset data used in v4 of the WDRM model. If there are multiple dates, include the most recent fails for any asset data used in the model and any categories i.e. model.	b) The list of equipment components in the WDDM without not been finalized at this time.	Joshua Borkowski	3/27/2023	3/30/2023	3/30/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_007.zip	0	N/A	6.2	Risk Methodology and Assessment	Risk Analysis Framework
4	MGRA	Data Request No. 1	MGRA_Data Request No. 1	1	MGRA_Data Request No 1_Q1		In response to this request, PG&E is providing Camera and Weather Station data, as delivered in the Q4 2022 OEIS 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 Fuse feature class as this data is confidential critical energy infrastructure information (CEII).	Joseph Mitchell	3/29/2023	4/10/2023	4/7/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_001.ip	1	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
4	MGRA	Data Request No. 1	MGRA_Data Request No. 1	1 SUPP	MGRA_Data Request No 1_Q1 SUPP	Please provide for Asset Point data for Carnera, Fuse, Support Structure, and Weather Station.	In response to this request, PG&E is providing Camera and Weather Station data, as delivered in the Q4 2022 CBIS GIS Data Standard Submission. PG&E is also providing non-confidential data from the Support Structure feature cases. PG&E is not providing data for the Fuser feature class as this data is confidential critical energy infrastructure information (CEII).	Joseph Mitchell	3/29/2023	4/13/2023	4/13/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_001.ip	4	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
5	MGRA	Data Request No. 1	MGRA_Data Request No. 1	2	MGRA_Data Request No 1_Q2	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 Mitchell	3/29/2023	4/10/2023	4/7/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_001.zip	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
5	MGRA	Data Request No. 1	MGRA_Data Request No. 1	2 SUPP	MGRA_Data Request No 1_Q2 SUPP	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 Mitchell	3/29/2023	4/13/2023	4/13/2023	https://www.oge.com/oge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_001.zip	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
6	MGRA	Data Request No. 1	MGRA_Data Request No. 1	3	MGRA_Data Request No 1_Q3	Provide PSPS Event data. Include Event Log. Event Line, Event Polygon data. Please exclude customer meter data. Provide all PSPS Event Asset Damage data including photos	In response to this request, PG&E is unable to provide PSPS Event data, PSPS Event Damages data, and PSPS Damage photos since there were no PSPS Events that took place throughout 2022	Joseph Mitchell	3/29/2023	4/10/2023	4/7/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfire-mitigation; plan/reference-docs/2023/MGRA_001.zip	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
6	MGRA	Data Request No. 1	MGRA_Data Request No. 1	3 SUPP	MGRA_Data Request No 1_Q3 SUPP	including photos	In response to this request, PG&E is unable to provide PSPS Event data, PSPS Event Damages data, and PSPS Damage photos since there were no PSPS Events that took place throughout 2022	Joseph Mitchell	3/29/2023	4/13/2023	4/13/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_001.zip	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
7	MGRA	Data Request No. 1	MGRA_Data Request No. 1	4	MGRA_Data Request No 1_Q4	Provide Risk Event Point data, including Wire Down, Ignition, Transmission unplanned outage (as classified non-confidential), Distribution Unplanned Outage data, Distribution Vegetation Caused Unplanned Outage, Risk Event Asset Log	In response to this request, PG&E is providing non-confidential data for the Wire Down, Ignition, Transmission Unplanned Outage, Distribution Unplanned Outage, Distribution Vegetation Caused Unplanned Outage, and Risk Event Asset Log feature classes and related table.	Joseph Mitchell	3/29/2023	4/10/2023	4/7/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_001.zip	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
7	MGRA	Data Request No. 1	MGRA_Data Request No. 1	4 SUPP	MGRA_Data Request No 1_Q4 SUPP	Provide Reik Event Hont data, inclusing wire Down, ignoon, inarmssion unplanned outage (as classified non-confidential), Distribution Unplanned Outage data, Distribution Vegetation Caused Unplanned Outage, Risk Event Asset Log	In response to this request, PGAE is providing non-confidential data for the Wire Down, Ignition, Tranmission Unpatimed Outago, Distribution Unpatiented Outage, Distribution Vegetation Caused Urgianned Outage, and Risk Event Asset Log feature classes and related table. PGAE does not have any non-confidential or non-privleged data to provide in response to this	Joseph Mitchell	3/29/2023	4/13/2023	4/13/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_001.zip	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
8	MGRA	Data Request No. 1	MGRA_Data Request No. 1	5	MGRA_Data Request No 1_Q5	Provide photo data for Risk Events.	Proce Does not have any indexisting on the provide that a provide in the particle to an expension of the provided in this feature class may be subject to atomic provider in this feature class may be subject to atomic provider in this feature that no rogaring investigation. Additionally, PGEE rate event photos are confidential CEII because they reveal indexident and index and more than the balance of the section of the s	Joseph Mitchell	3/29/2023	4/10/2023	4/7/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_001.zip	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
8	MGRA	Data Request No. 1	MGRA_Data Request No. 1	5 SUPP	MGRA_Data Request No 1_Q5 SUPP		Proce does not never any non-contractuation to insproveged data to provide in responsible to this request. The photos provided in this feature class may be subject to attorney client privilege or the work product doctime and may be subject to an origing imrestigation. Additionally, PGAE instructions confidential CEII because they reveal obsciral facility and critical infractivities horizons.	Joseph Mitchell	3/29/2023	4/13/2023	4/13/2023	https://www.ope.com/ppe_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_001.zip	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
9	MGRA	Data Request No. 1	MGRA_Data Request No. 1	6	MGRA_Data Request No 1_Q6	Under Iritiatives, please provide Grid Hardening data, including Hardening Log. Hardening Point, and Hardening Line data. Inspection data is not requested at this time.	Butte County Rebuild, and 10K Undergrounding WMP initiative programs that were included in the Grid Hardening Log, Grid Hardening Point, and Grid Hardening Line feature classes and related table. Additional initiative register properties in these detains of series included data on where	Joseph Mitchell	3/29/2023	4/10/2023	4/7/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_001.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
9	MGRA	Data Request No. 1	MGRA_Data Request No. 1	6 SUPP	MGRA_Data Request No 1_Q6 SUPP	Under Initiatives, please provide Grid Hardening data, Including Hardening Log, Hardening Point, and Hardening Line data. Inspection data is not requested at this time.	DR12: A loss anticisamente, activa hardwardnen a crista restrica anticicamente auto GPA1A Inspessona to filo resultar PA3E la provincia procescritaria da la forma de la provincia de la restrictaria Rado Cuang Netabali, auri 10%. Unadorga conducto y NMP instales programs filar las en incluido el res blas Adrican informatoria projecto reporte la filo filo filo da la constante a constante anti- blas Adricana informatoria. PA3E la provincia VMP instales programa da las filos Visabelles PA3E-filo en andecamente, acida antisecentes, suco anantes renducemente auto SCA1A. In angola da las mantes constantes antisecentes antisecentes antisecentes and SCA1A.	Joseph Mitchell	3/29/2023	4/13/2023	4/13/2023	intops//www.pge.com/pge_globa/common/pds/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/MGRA_001.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
10	MGRA	Data Request No. 1	MGRA_Data Request No. 1	7	MGRA_Data Request No 1_Q7	Under Initiatives, please provide Other Initiative data for point, line, polygon features and the Other Initiative Log	Initiative Log and Other Initiative Point related table and feature class. Additional WMP initiative projects reported in this feature class and related table includes data on where PG&E's Line Second restlutions. Distribution Eauth Articitation. EPSS Reliability Improvements and Eauth Eauth Eauth	Joseph Mitchell	3/29/2023	4/10/2023	4/7/2023	intops://www.pge.com/pge_globa/common/pds/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-militation- plan/reference-docs/2023/MGRA_001.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
10	MGRA	Data Request No. 1	MGRA_Data Request No. 1	7 SUPP	MGRA_Data Request No 1_Q7 SUPP	Under Initiatives, please provide Other Initiative data for point, line, polygon features and the Other Initiative Log.	In response to this request, PO&E is providing WMP initiative program data for the Weather Station installation and Optimization and Camera initiation that were included in the Other Initiative Log and Other Initiative Point related table and feature class. Additional WMP initiative projects reported in this feature class and related table includes data on where PG&Es Line Sensor Installations. Distribution Eaut Anticipation. EPSS Reliability Improvements and Early Eauth	Joseph Mitchell	3/29/2023	4/13/2023	4/13/2023	safety/emergency-preparedness/natural- disacter/wildfires/wildfire-miligation- plan/reference-docs/2023/MGRA 001.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
11	MGRA	Data Request No. 1	MGRA_Data Request No. 1	8	MGRA_Data Request No 1_Q8	Under Other Required Data, please provide Red Flag Warning Day polygon data.	PG&E is providing the Red Flag Warring Day polygon data, as requested by MGRA.	Joseph Mitchell	3/29/2023	4/10/2023	4/7/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_001.zip https://www.ope.com/pge_elobal/common/pdfs/	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
11	MGRA	Data Request No. 1	MGRA_Data Request No. 1	8 SUPP	MGRA_Data Request No 1_Q8 SUPP		PG&E is providing the Red Flag Warning Day polygon data, as requested by MGRA. The method described in the 2023 WIMP to aggregate model results is conducted to produce a	Joseph Mitchell	3/29/2023	4/13/2023	4/13/2023	safety/emergency-preparedness/natural- disaster/wildfire-mitgation- plan/reference-docs/2023/MGRA_001.zip https://www.ope.com/pge_global/common/pdfs/	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
12	MGRA	Data Request No. 1	MGRA_Data Request No. 1	9	MGRA_Data Request No 1_Q9	methodology presented in the WMP. a. If independent probability and consequence layers exist, please provide these independently as well.	circuit segment level risk value but it is not used to produce a circuit 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 example modes without the constant segments contact the information through a time method described in the 2023 WMIP to aggregate model results is conducted to produce a time method described in the 2023 WMIP to aggregate model results is conducted to produce a time time to the segment of the segment of the segment of the section of the se	Joseph Mitchell	3/29/2023	4/10/2023	4/7/2023	safety/emergency-preparedness/natural- disaster/wildfire-wildfire-mitigation- plan/reference-docs/2023/MGRA_001.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
12	MGRA	Data Request No. 1	MGRA_Data Request No. 1	9 SUPP	MGRA_Data Request No 1_Q9 SUPP	relation portice is any in instanting data stands of operative rate stang and methodology presented in the WMP. a. If independent probability and consequence layers exist, please provide these independently as well.	circuit segment level risk value bit it is not used by produce a circuit level risk value. However, the geosphali representation of circuit segments that would be provided in response to this data request truolves the identification of CEII, which we are required by law to maintain as confidential and candor and/orable. The other although the product north and information flows and a north orable information flows and a north orable. The other data information flows and a north orable information flows and a north flow of northwest by the flow of	Joseph Mitchell	3/29/2023	4/21/2023	4/21/2023	safety/emergency-preparedness/natural: disacter/wildfire-mitigation- plan/reference-docs/2023/MGRA_001.zip https://www.pge.com/pge_global/common/pdfs/	1	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
13	CalPA	Set WMP-08	CalPA_Set WMP- 08	1	CalPA_Set WMP-08_Q1	The E-MM Programs concluded at the end of 2022 PGE4 will continue to she engine must be constroyed for programs. PGE6 is stratification of the maintenance of entranced locarances that were achieved to E-MM to Routine VM partiel. We established tradem maintenance requirements for strategies and the strategies of the strategies and the strategies of the strategies of the MMP - Routine VM partiely strategies and the strategies and the strategies of the MMP - Routine VM parties and the strategies and the strategies and the MMP - Routine VM parties and the strategies and the strategies and the MMP - Routine VM parties and the strategies and the strategies and the main strategies and the strategies and the strategies and the MMP - Routine VM parties and the strategies and the main strategies and the strategies and the strategies and the strategies and the strategies and the strategies and the strategies and strategies and s	removals vs trims as it is the first course of action recommended at time of listing per the Distribution Venetation Inspection Procedure (DPIP). Funding has been provided to account for	Holy Wehrman	3/30/2023	4/5/2023	4/5/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 008.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.2.2.2.6	Vegetation Management and Inspections	Discontinued Programs
14	CalPA	Set WMP-08	CalPA_Set WMP- 08	2	CalPA_Set WMP-08_Q2	This program is intended to work down trees previously identified. PG&E estimates that our EVM inventory included more than 300 000 trees at the end of 2022. Linder the Tree Removal Inventory Renarding the new "White of the transmissions" described in section 8.2.2.2.3 of PG&E's.	new tree inversionly trogram, which will focus on working down the risk associated with the remaining 380%. These units were identified under EVM guidelines and will be over a period of time based on resolution of constraints or other factors that hindered completion of work. In Yaos. And on start the Tar.B. Remove Illumetion Demonst which is forward on zenovidous risk. a) Our wildfire mitigation capabilities have continued to evolve and mature since 2019. With the	Holly Wehrman	3/30/2023	4/5/2023	4/5/2023	safety/emergency-preparedness/natural- disaster/wildfire-/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 008.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.2.2.2.4	Vegetation Management and Inspections	Tree Removal Inventory
15	CaIPA	Set WMP-08	CalPA_Set WMP- 08	3		This program is intended to help reduce outages and potential ignitions using a risk-informed, Jameted plan to mitigate potential vegetation contacts based on bistoric vegetation outages on	for this program represents the evolution of the Vegetation Management program through the introduction of a new concern. Vegetation Management for Coerational Mitigations (VMOM)	Holly Wehrman	3/30/2023	4/5/2023	4/5/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 008.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.2.2.2.3	Vegetation Management and Inspections	VM for Operational Mitigations
16	CalPA	Set WMP-08	CalPA_Set WMP- 08	4	CaIPA_Set WMP-08_Q4	Probe states: 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 appreprinced history uping and suppetition damand, driving PSS events, audios invitions.	Lindock (nord, a new concent. Neurotation Management Las Cherational Ministance OME) and Similar DTB and VMM (Angroupm, the Folice Cana The Inspection (TT)) program has been developed following the conclusion of EVM in 2022. For this program "Transformed" is used to compliance montales developed to the companies on the intervence of the transformed and united companies and profile developed and the companies and intervence of the resolution synghistics maked companies and patients. All there are program is an intervence of the resolution synghistics maked companies and patients.	Holly Wehrman	3/30/2023	4/5/2023	4/5/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 008.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections
17	CaIPA	Set WMP-08	CalPA_Set WMP- 08	5	CaIPA_Set WMP-08_Q5	Prode: Example on Market New - Prode: In estimuting on VM Program starting in 2023. Based on recent data and analysis, the PGRE is restruction of the EVM Program is less than the risk reduction from the EPSS program that was reduced in 2021. The Shartmannet/more indicate and enables in the Anale than the disk indicated PGRE tables on p. S39 of its VMP- Reditional Operational Mitigations such as PVD and DCD will also help to mitigate risk previously	and desting of the second seco	Holly Wehrman	3/30/2023	4/5/2023	4/5/2023	safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/CalAdvocates 008.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.2.3.4	Vegetation Management and Inspections	Fall-In Mitigation
18	CalPA	Set WMP-08	CalPA_Set WMP- 08	6	CalPA_Set WMP-08_Q6	Additional Operational Mitigations such as PVD and DCD will also help to mitigate risk previously prescribed to EVM. As a result, PGAE concluded the EVM Program at the end of 2020 a) Does "PVD" stand for "Partial Voltage Detection" in this instance? Please define if not h) Does "TCD" stand for "flowmed Conductor Detection" in this instance? Please define if not 0 no. 314-316 of PGAE's WINP PGAE divides to operational mitigations into four different for the PGAE of PGAE's WINP PGAE divides to operational mitigations into four different 0 no. 314-316 of PGAE's WINP PGAE divides to operational mitigations into four different for the PGAE of PGAE's WINP PGAE divides the operational mitigations into four different four provides the PGAE of PGAE's WINP PGAE divides the operational mitigations into four different four provides the pGAE of PGAE's WINP PGAE divides the operational mitigations into four different four provides the pGAE of PGAE's WINP PGAE divides the pGAE's WINP PGAE's WINP PGAE divides the pGAE's WINP PGAE'S	b) Yes, "DCD" refers to Downed Conductor Detection. c) Partial (Voltage Detection (and subrequent force outs of the nearest upstream SCADA capable device) are part of a "defense in depth" strategy that supplements the already highly effective <u>baseline Enhanced Powerlane Safety Settinos (EPSS)</u> . In <u>carticular - Partial Voltage Fonce Out</u> PGGE does not currently have secolic circles of the laster dividance. Should certain the comparison of the strategy of	Holly Wehrman	3/30/2023	4/5/2023	4/5/2023	safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitgation: plan/reference-docs/2023/CalAdvocates_008.zip https://www.gge.com/pge_global/common/pdfs/	0	N/A	82.3.4	Vegetation Management and Inspections	Fall-In Mitigation
19	CalPA	Set WMP-08	CalPA_Set WMP- 08	7	CaIPA_Set WMP-08_Q7	groups, Group 2 includes "inspections and maintenance programs where we exceed compliance requirements unit permanent mitigations are deployed and/or we implement new technologies so that we no longer need to exceed compliance requirements." For the following Group 2 mitigations, risease state, the criteria buyetich PG&E will determine that it no longer needs to On pp. 314-316 OF PG&E's Will PG&E wild be coperational mitigations into four different	mitgations (e.g. distribution undergrounding) may reduce risk to a point where exceeding compliance is no longer needed. Continued analysis of ignitions, impoction finds, technology implementation results, etc. will inform the level of interim mitgation zeneded. War will continue to implement the Group 2 mitlations based on risk or benefit. At this time FOEd does not intend to discontinue any of the programminations listed in Group 2.	Holy Wehrman	3/30/2023	4/5/2023	4/5/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 008.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	7.2.3	Wildlire Mitigation Strategy Development	Interim Mitigation Initiatives
20	CalPA	Set WMP-08	CalPA_Set WMP- 08	8	CaIPA_Set WMP-08_Q8	groups. Group 2 includes "inspections and maintenance programs where we exceed compliance requirements until permanent mitigations are deployed and/or we implement new technologies so	mitigation. The programs/initiatives are designed and implemented to ensure that PG&E maintains compliance with state and federal regulations, as well as mitigate	Holly Wehrman	3/30/2023	4/5/2023	4/5/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 008.zip	0	N/A	7.2.3	Wildlire Mitigation Strategy Development	Interim Mitigation Initiatives

21	CalPA	Set WMP-08	CaIPA_Set WMP- 08	9	CaIPA_Set WMP-08_Q9		2024, and 25K trees in 2025, which results in 60K trees being worked through 2025. b) PG&E has operational mitinations including EPSS enablement in place. Additionally, PG&E	Holly Wehrman	3/30/2023	4/5/2023	4/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation:	0	N/A	8.2.2.2.4	Vegetation Management and Inspections	Tree Removal Inventory
22	CalPA	Set WMP-08	CalPA_Set WMP- 08	10	CaIPA_Set WMP- 08_Q10	Table Br.4. ERGE-X.MI. Transts. n. 502 states that ERGE will ensure accordinates from 0.00. Per Table F12: Regardiant Management Implementation Objectives. PGBE: Recursed Tree respection Program is currently under development. By the end of 2020, PGBE plans to "Fully implement ADC costs-inclinional team to implement gladines across al ADCCs." Given that PGBE: EVM program has been discontinued, and that its Focused Tree Inspection to the team of team of the team of the team of	- nonkrite and will continue to conduct annual Rowline and Sensord Partol of these areas and PGAE will continue to assess the ink of the real failes during the periods from 2023-2025 through the Distribution Rowline and Second Patrol programs accordingly. The islentification of hazardous or other emergent priority trees is embedded initia al VM tree termining and migator programs, as well as the resulting work verification and quality programs.	Holly Wehrman	3/30/2023	4/5/2023	4/5/2023	plan/reference-docs/2023/CalAdvocates 008.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 008.zip	0	N/A	8.2.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections
23	CalPA	Set WMP-08	CalPA_Set WMP- 08	11	CaIPA_Set WMP- 08_Q11	Proceedings and use been fully deviced how will PC&E access the risk of the failurs during the Table 54-14, PCBE VM Targets, tables that PCBE will collect LIDAR data on its Transmission System (17.500 circuit miles). Table 52, Excitcul Infrastructure, states that PCBE has a batal of 18,111 circuit miles of overhead transmission lines.	In addition, the Ecourated Time Insometion Process, POAE has, also introduced the Time Removal. a) No, POSE will be obsert LUAR data and all overhead Transmission circul miles. b) N/A c) The difference between LDAR Transmission inspections mapped on ETGIS and our LDAR of the transmission inspections mapped on ETGIS and our LDAR vendor's data is due bright by parallel circuits and some geometry differences, miles are reafirmed available circuit band on addition from the 11 DBR that. It is common to see a	Holy Wehrman	3/30/2023	4/5/2023	4/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_008.zip	0	N/A	8.2.2.1.1	Vegetation Management and Inspections	Routine Transmission NERC and Non-NERC
24	CalPA	Set WMP-08	CalPA_Set WMP- 08	12	CaIPA_Set WMP- 08_Q12	a) Does PG&E rains had a collect. JI DAR data no acconstrates / bD/norchead ricrat miss. of Table 6-14, OSEs VM Targets, tables that "Each of the 3 programs (Routin Distribution, Routine Transmission and Pole Clearing) must achieve a 6% quality verification audit results pass rails." Please describe the actions PG&E will take during the 2023-2025 period if a program does not achieven a 9%, noss raite non-sale verification audits.	Should a program fall below a 95% pass rate, catch back plans will be developed in partnership with VM execution to mitigate for specific cause of deficient rate.	Holy Wehrman	3/30/2023	4/5/2023	4/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_008.zip	0	N/A	8.2.2.2.4	Vegetation Management and Inspections	Tree Removal Inventory
25	CalPA	Set WMP-08	CalPA_Set WMP- 08	13	CaIPA_Set WMP- 08_013	Table 8-18-1, Vegetation Management QV Program, lists the following audit pass results for 2022 VM work: Distribution: 91.3%	a) Improved quality verticals have been established for 2023, allowing for greater insight into overal VM work product throughput and risk identification/mitigation. Clear definitions of acceptance criteria, sampling methodology, population eliphility, and pass rate calculations were established and communicated across the VM organization prior in beenrine, 2023 and/s.	Holy Wehrman	3/30/2023	4/5/2023	4/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_008.zip	0	N/A	8.2.5.1	Vegetation Management and Inspections	Quality Assurance and Quality Verification
26	CalPA	Set WMP-08	CalPA_Set WMP- 08	14	CaIPA_Set WMP- 08_Q14	Transmission 94.7% Expering the Thinking of Section 91.8%. Segreding the Thinking Section 91.8%. Segreding the Thinking Section 94.8% Segreding the Thinking Section 94.7% and the Thinking	a) To ensure that deadlying tree work is completed with 180 days in HFTD and 386 days in non-HFTD, PG&E What developed a process to report out in Daily Operating Reviews and Weekly Operating reviews at multiple Innotional levels -including WI leadership and VI execution. the status of dead and dying trees and their timelines and timeliness status. This measure ensures which the non-ensure that the status of dead and dying trees and their timelines and timeliness status.	Holy Wehrman	3/30/2023	4/5/2023	4/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 008.2ip	0	N/A	82222	Vegetation Management and Inspections	Distribution Second Patrol
27	CalPA	Set WMP-08	CalPA_Set WMP- 08	15	CaIPA_Set WMP- 08_Q15	Regarding the "Defensible Space Inspection" described in section 8.2.2.3.1 of PG&E vWWP, PG&E states: "Lindowner related sease continue to prevent PG&E from achiving 100 percent defensible space completion status at locations where substation defensible space zones extend into privately owned orgenty." al Where substation defensible scace zones needed into related in ander zonech, what is Regarding Wood and Sash Management" described in section 8.2.2 of PG&E vWWP, PG&E State VWP, PG&E vWWP, PG&E vWP,	a) When defensible space zones extend onto private property, outneach to such handwarers is made in advance to obtain permission to enter and conduct impedion. If access is granted, the inspection is executed with fuel reduction and PRC 4291 compliance prescription determined. If access is derived and found to be without applicable accessments, other land rights or valial entry accessments, the inspection record will reflect a finite and document for finite memory and a) IPRGE is unsub to contract all andwarer regarding their preference for wood char, creave will applicable to contract all andware regarding their preferences for wood char, creave will applicable accession.	Holly Wehrman	3/30/2023	4/5/2023	4/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-miligation- plan/reference-docs/2023/CalAdvocates_008.zip	0	N/A	8.2.2.3.1	Vegetation Management and Inspections	Defensible Space Inspection
28	CalPA	Set WMP-08	CalPA_Set WMP- 08	16	CaIPA_Set WMP- 08_Q16	states: 'Chips are left on site or removed off site based on owner preferences.' PG&E further states that 'Wood Management is a voluntary program in which property owners must opt in to participate.' a) IF PG&E is unable to contact a landramer. how does if manage wood chips?	remove the wood chips when safe to do so. If access does not allow for chipping and wood chip removal, crews will lop and scatter debris on site in accordance with applicable regulations. b) These are writing each time constructing for Indexners to accurate upod management. PC&E	Holly Wehrman	3/30/2023	4/5/2023	4/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-s/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_008.zip	0	N/A.	8.2.3.2	Vegetation Management and Inspections	Wood and Slash Management
29	CalPA	Set WMP-08	CalPA_Set WMP- 08	17	CaIPA_Set WMP- 08_Q17	Regarding "High-Risk Species" described in section 8.2.3.6 of PGAE's WMP, PGAE states: "There are no governing standards for high-risk species." a) Does PGAE plan to develop governing standards for high-risk species? b) if the answer to part (a) is yes, when does PGAE expect to complete development of such standards?	Not encounced altered to answare with biodivance is Junesco about lones and a and social and p For Routine and Social Particity CERE does not currently have standards objectific to tright-risk species. Threes identified during these inspection cycles that require milipation per FRC4293 and COSP Rule 33 are expected to be identified and Isted for work regardess of species. A new program, Focused Three Inspection (FTI) is being plotted starting in Q2 2023 and will incorporate microal surbas anabeis informed to have acused cultance with Answard Toescore (ADC).	Holly Wehrman	3/30/2023	4/5/2023	4/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_008.zip	0	N/A	8.2.3.6	Vegetation Management and Inspections	High-Risk Species
30	CalPA	Set WMP-08	CalPA_Set WMP- 08	18	CaIPA_Set WMP- 08_Q18	PG&E's WMP states, in Table 8-18-3, VM Field QC Metrics Report, that pass rates are "not a WMP larger" for 2023-2025. Please explain why PG&E has not set target pass rates for VM Field QC for 2023-2025. Table 8-19, Privity Hirricrity 2 and Second Patrol Trees Categorized By Age, shows 296 priority	The Quality Management team has aligned on setting target pass rates at 88% for Field Quality Control Active Observation Programs for the following core vegetation management programs: Routine Distribution, Second Patrol Distribution, Vegetation Control, and Routine Transmission. The data for the 286 PUP2/Second Patrol trees can be found on	Holly Wehrman	3/30/2023	4/5/2023	4/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/Caldvocates 008.zip	0	N/A	8.2.5.2	Vegetation Management and Inspections	Quality Control
31	CalPA	Set WMP-08	CalPA_Set WMP- 08	19	CaIPA_Set WMP- 08_Q19	Table of risk friendly in them 2 and colored table trade variable state of the colored table trade variable for 2 teres that were inspected more than 180 days prior to February 28, 2023. Please provide a table with the following additional information for these 256 trees: a) The exact number of days since the task trapectoria so of February 28, 2023 IN The current original table with the following additional and formation for these 256 trees: a) The exact number of days since the task trapectoria so of February 28, 2023 IN The current original table with the following additional information for the following additional table with table with the following additional table with table with the following additional table with t	The stam for the 24 of the blockshift and the stands detailed blockshift of the WMP Discovery2023 DR Caldwoodse 006-0019kbch01 xbx* For the 3 Priority (Phinotity 2 Trees out of the set of 296, please refer to tab 'P2 Data'. a) Please set % of in 'Octum' To mib P2 Data' for the age in days since the last inspection as of February 28, 2022 a) The targets that were included in the 2022 WMP but not included in the 2023 WMP are	Holly Wehrman	3/30/2023	4/5/2023	4/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/Caldvocates 008.zip	1	N/A	8.2.6	Vegetation Management and Inspections	Open Work Orders
32	CalPA	Set WMP-09	CalPA_Set WMP- 09	1		impactful targets from the 2023 WMP." a) Please list the "less impactful" targets that were removed from the 2023 WMP. b) For each tarred in part (a) please explain how PG&F determined that the tarret was "less	identified below. Please note that we do not necessarily consider each of these to be 'less impactful' in all situations. Instead, they are more properly described as not being the best choice for an unified policities and other participants in the more properly described.	Holly Wehrman	4/4/2023	4/7/2023	4/7/2023	https://www.pec.com/ge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 009.zip https://www.pec.com/gec_global/common/odfs/	0	N/A.	1	Executive Summary & Overview	N/A
33	CalPA	Set WMP-09	CalPA_Set WMP- 09	2	CalPA_Set WMP-09_Q2	Normal Action and Actional Actiona	a bit office the straining part of the particular DOR's straining the straining of the straining part of the straining straining the straining	Holy Wehrman	4/4/2023	4/7/2023	4/7/2023	Intop://www.pge.com/pge-gooa/common/pais/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/calAdvocates_009.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	5.3.4.2	Overview of the Service Territory	Climate Change Phenomena and Trends
34	CalPA	Set WMP-09	CalPA_Set WMP- 09	3	CalPA_Set WMP-09_Q3	Addition temperatures? P. Solid PTABES VMM States: In 2022 we continued our assessment through the Electric Program Investment Charge 3.45, in 2022 we continued but A detection on concers will program. Through our assessment indicates an electronic but A detection on concers will program. Through our assessment P. 114 of PCBES VMM paties. The results of the PSPS Consequence Modal are then collaranded In 144 of PCBES VMM paties. The results of the PSPS Consequence Modal are then collaranded them collaranded the patient of the PSPS Consequence Modal are then collaranded In 144 of PCBES VMM paties. The results of the PSPS Consequence Modal are then collaranded In 144 of PCBES VMM paties. The results of the PSPS Consequence Modal are then collaranded In 144 of PCBES VMM paties. The results of the PSPS Consequence Modal are then collaranded In 144 of PCBES VMM paties. The results of the PSPS Consequence Modal are then collaranded In 144 of PCBES VMM paties. The results of the PSPS Consequence Modal are then collaranded In 144 of PCBES VMM paties. The results of the PSPS Consequence Modal are then collaranded In 144 of PCBES VMM paties. The results of the PSPS Consequence Modal are then collaranded In 144 of PCBES VMM paties. The results of the PSPS Consequence Modal are then collaranded In 144 of PCBES VMM paties. The results of the PSPS Consequence Modal are then collaranded In 144 of PCBES VMM paties. The results of the PSPS Consequence Modal are then collaranded In 144 of PCBES VMM paties. The results of the PSPS Consequence Modal are the Interval and the Interval and the Interval are the Interval and the Interval are the Interval are the Interval and the Interval are the Interv	Explosite of a basited of a point of a point cellular hadde as we as a maxes sensitive in an original of PAEE and a point of a hadden of the cellular hadde as we are a maxes sensitive in a cellular assist with the detection and indication of new upshore. In 1922 a project was launched order the cellular hadden of the cellular hadden of the cellular hadden of the cellular hadden of the cellular hadden of the cellular hadden of the cellular hadden of the cellular hadden of the cellular hadden of the cellular hadden of the cellular hadden of the cellular hadden of the probability of the cellular hadden of the cellular hadden of the cellular hadden of the cellular hadden of the cellular hadden of the cellular hadden of the cellular hadden of the probability of the cellular hadden of the cellular h	Holy Wehrman	4/4/2023	4/7/2023	4/7/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 009.zip https://www.pge.com/pge_global/common/pdfs/	1	N/A	8.3.4.2	Situational Awareness and Forecasting	Ignition Detection Systems
35	CalPA	Set WMP-09	CalPA_Set WMP- 09	4	CaIPA_Set WMP-09_Q4	to PG&E's Enterprise Risk Model's MAVF Risk Score for PSPS." For each component in PG&E's MAVF, explain how the results of the PSPS Consequence Model	For Safety, PG&E uses the combination of 50% PG&E PSPS data and 50% US industry widespread unplanned outage data. Based on blending of the two datasets, PG&E arrives at a	Holly Wehrman	4/4/2023	4/7/2023	4/7/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 009.zip https://www.pge.com/pge_global/common/pdfs/	3	N/A.	6.2.2.3	Risk Methodology and Assessment	Risk and Risk Components Calculation
36	CalPA	Set WMP-09	CalPA_Set WMP- 09	5		WTRM. Group G has two sub-groups. PG&E states, "Sub-Group 1 consists of components where the life cycle closely aligns with that of the structure. These include the hanger plate and bolts."	set of components is based on the following considerations: 1. Similar asset lifecycle;	Holly Wehrman	4/4/2023	4/7/2023	4/7/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 009.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A.	6.2.2.1	Risk Methodology and Assessment	Risk and Risk Components Calculation
37	CalPA	Set WMP-09	CalPA_Set WMP- 09	6	CaIPA_Set WMP-09_Q6	B) Loss free VII hold popp free barren nazarda and transau has donotenis wirm a grouping? FII Sind PTGREV WHITH BASIES, "byorks also are defined as the same corresponding to those 103 x 100 mpines that interacted (PGLE) our head electrical infrastructure to subtract and that any 104 x 100 mpines that interacted (PGLE) our head electrical infrastructure to subtract and that any 104 x 100 mpines that interacted (PGLE) our head electrical infrastructure to subtract any to subtract 105 x 100 mpines that interacted (PGLE) our head electrical infrastructure to subtract any to subtract 105 x 100 mpines that interacted and approximation to subtract any to subtract the tract and the subtract 105 x 100 mpines that interacted approximation to any to subtract any to subtrac	highest quintile of risk scores. b) The "upper 20th percentile" refers to a subset of WDRM v3 risk scores. The "top risk" areas were identified using the following process: (1) PG&E service territory was spatially divided into a met of scores. 100 m x 100 m x identical scores and niced intersection PC&E overhead electricial a) A spocies-species information related to a species-species information related to	Holly Wehrman	4/4/2023	4/7/2023	4/7/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 009.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	6.4.1.2	Risk Methodology and Assessment	Top Risk Areas Within the HFRA
38	CalPA	Set WMP-09	CalPA_Set WMP- 09	7	CaIPA_Set WMP-09_Q7	health and mortally." a) What is PGSE's species-specific stress index model for tree health and mortally? b) How does PG&E utilize its species-specific stress index model for tree health and mortally? c) Please decrements the fash inner is this model P. 129 of PG&E's WIMP states: When conducting W achtritise. PG&E enablewees and contractors must adhere to PG&E's Best	Impacting tree health and mortality. b) PG&E has not yet received the information from its vendor needed to develop the stress index model but exercise to nearise it shorth. Once the information is received. PC&E will perform The BMPs referenced on Page 129 of the VMP in TD-71029-01-Ju01, Best Wanagement	Holly Wehrman	4/4/2023	4/7/2023	4/7/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 009.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A.	4.4	Overview of WMP	Risk-Informed Framework
39	CalPA	Set WMP-09	CalPA_Set WMP- 09	8	CalPA_Set WMP-09_Q8	When conducting VM activities, PG&E employees and contractors must adhere to PG&E's Best Management Practices (BMP) when proceedings and contractors must adhere to PG&E's Best Proceedings of the PGA and P	Practices (BMP) are Vegetation Management's (MM) controls to ensure compliance with environmental compliance requirements a) PGEE makes every effort to comply with the BMMs (H for all of vegetation in networks) to BMMs reference on Page 132 of VeWAI in TU-1000-1000 to 2010 t	Holly Wehrman	4/4/2023	4/12/2023	4/12/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_009.zip https://www.gge.com/gge_global/common/pdfs/	1	N/A.	5.4.5	Overview of the Service Territory	Environmental Compliance and Permitting
39	CalPA	Set WMP-09	CalPA_Set WMP- 09	8REV	CaIPA_Set WMP- 09_Q8REV	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 individuos nr safets considerations. (EO 46 Kule 36 and B-Jahle Resources, Codes, 4292 and P. 526 of PG&E's WMP states. The primary target for secondary patrols is HFTD and HFRA but	Practices (BMPs) are Vegation Management's (VM) controls to ensure compliance with environmental compliance requirements. a) PG&E makes every effort to comply with the BMPs. If the risk of vegetation in relation to our presets and contential non-nominance with CMS Rules, 18, 3.6, PBCA, 2520 - 2520, arc NERC, a) In the paragraph on page 525 outlined above, the term "secondary pations" is used	Holly Wehrman	4/4/2023	4/12/2023	4/13/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 009.zip https://www.gge.com/pge_global/common/pdfs/	1	N/A.	5.4.5	Overview of the Service Territory	Environmental Compliance and Permitting
40	CalPA	Set WMP-09	CalPA_Set WMP- 09	9	CalPA_Set WMP-09_Q9	Management Practices (BMP) where practicable BMPs are considered practicable where physically possible and or conficting with dwire regulatory and construct previous constructions of the regulatory and constructions of the regulatory and the regulatory and the regulatory exceptions and additional areas are include to appropriately address suppliciton associated reads. P. 201 states, "Beginning in 2023, PGAE will use the annual inviter of ACC, that we conmitted to P. 202 of PGAE's WHP adues, "In Adv 2021, PGAE will not an only-pair program to underground 1000 defaultion circuit relies in they will relies a and pair program to and provide provide the relies of the relies	synonymously with the use of "Second Patrols" and both terms refer to Second Patrol. 'In accord with regulatory requirements and/or PAEE WM Second Patrol Procedure (DD-7102P-23), the VM Second Patrol program performs scheduled patrols approximately six months offset from the multipe vatrol in <i>cumhead chirana and secondaru</i> detahution facilities. The reiman tamed for a) Yes. PGEE determined that undergrounding approximately 10,000 miles will reduce	Holly Wehrman	4/4/2023	4/7/2023	4/7/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 009.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A.	8.2.2.2	Vegetation Management and Inspections	Distribution Second Patrol
41	CalPA	Set WMP-09	CalPA_Set WMP- 09	10	09_Q10	a) Since the July 2021 announcement of its 10,000 mile undergrounding program, has PG&E performed any studies to determine whether the planned scope of 10,000 circuit miles should be revised? 9.696 of PG&PE WMP states "no average it takes 1.9511G install miles to renkoe 1.04 mile.	Distribution Risk Model (WDRM) version 2 to first identify the 10,000 miles. We then subsequently validated that this was the correct number of miles after the July 2021 announcement using the output from our undeted WDRM v3.	Holly Wehrman	4/4/2023	4/7/2023	4/7/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 009.zip https://www.pge.com/pge_global/common/pdfs/	2	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
42	CalPA	Set WMP-09	CalPA_Set WMP- 09	11	CaIPA_Set WMP- 09_Q11	However, at times, this multiplier can be 2-3 times greater." Does PG&E's target of 10,000 miles of undergrounding refer to the number of OH circuit-miles to be moved underground or the number of underground circuit-miles to be installed?	The 10,000 mile target refers to the number of miles of underground conductor and aligned with the assumption of removing approximately 8,100 workhoad circuit miles. a) PO&E did not provide a forecast cost per circuit miles for undergrounding projects completed specifically in the second half of 2025 in the VMMP. However, PO&E did provide a target unit cost specifically in the second half of 2025 in the VMMP. However, PO&E did provide a target unit cost specifically in the second half of 2025 miles for the VMMP. However, PO&E did provide a target unit cost and the VMP and the VMP.	Holly Wehrman	4/4/2023	4/7/2023	4/7/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 009.zip https://www.ope.com/ope_global/common/pdfs/	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-34 – Revise Proces: of Prioritizing Wildfire Mitigations
43	CalPA	Set WMP-09	CalPA_Set WMP- 09	12	CaIPA_Set WMP- 09_Q12	the second half of 2025? b) Please provide workpapers to support your answer to part (a).	specifically in the second ball of 2025 in Is WMP. However, POSE do provide a largefunit cost control of the second ball of 2025 in Is WMP. However, POSE do provide a largefunit cost control of the second ball of the second ball of the second provide a largefunit cost IMAGE OF TABLE 4.1.1. SYSTEM MARCHENING (INDERCROTINIT), DEARCH CORTINIAL AND a POSE does not provide a largefunit of 2025 in the WMP. However, in the 2023 CRC, POSE provided and specifically in the second ball of 2025 in the WMP. However, in the 2023 CRC, POSE provided and Res of 6.4 in 2025 or Landingound provide matering (1.2.1.2.5.0.1.1.5.1.1.5.1.5.1.5.1.5.1.5.1.5.1.5	Holly Wehrman	4/4/2023	4/7/2023	4/7/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 009.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
44	CalPA	Set WMP-09	CalPA_Set WMP- 09	13	CaIPA_Set WMP- 09_Q13	a) What is PG&E's forecast RSE for undergrounding completed in the second half of 2025? b) Please provide workpapers to support your answers to part (a).	specifically in the second half of 2025 in tis WMP. However, in the 2023 GKC, PG&E provided an RES of 5.4 in 2025 GK underground system hardnering (A. 21-06-22, Eshibit 0-854–, Challer 2, p. 3-6, Table 3-1). ¹ Mover, PG&E does not forecast costs per circul-trinif for covered conductor projects in its WMP. However, PG&E dorvide a unit cost of 5.167 millioner million for the landering in 2025 ¹ Movere, PG&E dorvide a unit cost of 5.167 millioner million for the landering in 2025 ¹ Movere, PG&E dorvide a unit cost of 5.167 millioner million for the landering in 2025 ¹ Movere, PG&E dorvide a unit cost of 5.167 million emillion for the landering in 2025 ¹ Movere, PG&E dorvide a unit cost of 5.167 million emillion for the landering in 2025 ¹ Movere, PG&E dorvide a unit cost of 5.167 million emillion for the landering in 2025 ¹ Movere, PG&E dorvide a unit cost of 5.167 million emillion for the landering in 2025 ¹ Movere, PG&E dorvide a unit cost of 5.167 million emillion for the landering in 2025 ¹ Million for the landering in 2025	Holly Wehrman	4/4/2023	4/7/2023	4/7/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 009.zip https://www.pge.com/pge_global/common/pdfs/	1	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
45	CalPA	Set WMP-09	CalPA_Set WMP- 09	14	CaIPA_Set WMP- 09_Q14	a) What is PG&E's current forecast cost per circuit-mile for covered conductor projects completed in the second half of 2025/? b) Please provide workpapers to support your answer to part (a). a) What is PG&E's forecast RSE for covered conductor system hardening completed in the	in the 2023 GRC (A. 21-06-021, Exhibit PG&E-4, Workpaper 4-28, Ine 18). b) Please see attachment "WMP-Discovery2023_DR_CalAdvocates_009-0014Atch01.pdf" for the remussion information a) PG&E does not forecast an RSE for covered conductor system hardening for the second half	Holly Wehrman	4/4/2023	4/7/2023	4/7/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 009.zip https://www.pge.com/pge_global/common/pdfs/	1	N/A	8.1.2.5	Grid Design and System Hardening	Traditional Overhead Hardening —Transmission Conductor and Distribution
46	CaIPA	Set WMP-09	CalPA_Set WMP- 09	15	CaIPA_Set WMP- 09_Q15	second half of 2025? b) Diaga provide workpapers to support your approach to part (a)	of 2025 in its WMP. However, in the 2023 GRC, PG&E provided an RSE of 5.8 in 2025 for overhead system hardnering (2, 12-166-21; Bricht PG4E4, Chapter 1, 3.6, Table 3-1). b) Please see attachment "WMP-Discovery2023_DR_Calkdyccates_009-0013Aich01.stm" for the see attachment "WMP-Discovery2023_DR_Calkdyccates_009-0013Aich01.stm" for 00168/brit(T_0002 keV) for the searches/brit(ST_002) DR_Calkdyccates_009-0013Aich01.stm" FPE- DISE see attachment "WMP-Discovery2023_DR_Calkdyccates_009-0013Aich01.stm" for 00168/brit(T_002) keV for the searches/brit(ST_002) DR_Calkdyccates_009-0013Aich01.stm" FPE- DISE see attachment "WMP-Discovery2023_DR_Calkdyccates_009-0013Aich01.stm" for 00168/brit(T_002) keV for the searches/brit(T_002) Brit(T_002) Aich02 attachment "WMP-Discovery2023_DR_Calkdyccates_009-0013Aich01.stm" for 00168/brit(T_002) keV for the searches/brit(T_002) Brit(T_002) Aich02 attachment "WMP-Discovery2023_DR_Calkdyccates_009-0013Aich01.stm" for 00168/brit(T_002) keV for the searches/brit(T_002) Brit(T_002) Aich02 attachment "WMP-Discovery2023_DR_Calkdyccates_009-0013Aich01.stm" for 00168/brit(T_002) keV for the searches/brit(T_002) Brit(T_002) Aich02 attachment "WMP-Discovery2023_DR_Calkdyccates_009-0013Aich01.stm" for 00168/brit(T_002) keV for the searches/brit(T_002) Aich02 attachment "WMP-Discovery2023_DR_Calkdyccates_009-0013Aich02 attachment "WMP-Discovery2023_DR_Calkdyccates_009-0013Aich02 attachment "WMP-Discovery2023_DR_Calkdyccates_009-0013Aich02 attachment "WMP-Discovery2023_DR_Calkdyccates_009-0013Aich02 attachment attachment attachment Bit(T_002) attachment attachment attachment Bit(T_002) attachment Bi	Holly Wehrman	4/4/2023	4/7/2023	4/7/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 009.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.1.2.5	Grid Design and System Hardening	Traditional Overhead Hardening —Transmission Conductor and Distribution
47	CalPA	Set WMP-09	CalPA_Set WMP- 09	16	CaIPA_Set WMP- 09_Q16	Outsidion 16 Interporte Di data request Califorcianes PGE 2022/VMR-Dat, question 72, PGAE states. "The primar yaparcals for selecting miles used to riak primitation methodologies." (1) Tipo 20 premi- cruzi asganetta baso de ha 2021 VMR-Dat, care (2) he (VMR-Harston), reflectionary (VME-I), care and the selecting miles and the 2022 VMR-Data and considering ground base familiaria	a) DCD is capable of seeing from the device to "end of line", therefore we are able to provide	Holly Wehrman	4/4/2023	4/7/2023	4/7/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 009.zip https://www.pge.com/pge_global/common/pdfs/	1	N/A	7.2	Wildlire Mitigation Strategy Development	Wildfire Mitigation Strategy
48	CalPA	Set WMP-10	CalPA_Set WMP- 10	1	CalPA_Set WMP-10_Q1	500 devices in 2023, 400 devices in 2024, and 200 devices in 2024, and 200 devices in 2027. Table 36 on 230 of PERE's WMP shows a fore-cast reduction in the number of EPSS events of Table 36 on 230 of EPSS events of	supplementing that coverage in 2024 and 2025, including in the EPSS Buffer area. The number of devices decrease in 2024 and 2025 hocause the line miles covered in 2024 and 2025, including EPSS Buffer area are less, than the line coveram in adminish HERA for 2021. a EPS 2023, clarators contribution to the reduction in the current of EPSS related outanes are and EPS 2023.	Holly Wehrman	4/4/2023	4/10/2023	4/10/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 010.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.1.1.2	Grid Design, Operations, and Maintenance	Targets
49	CalPA	Set WMP-10	CalPA_Set WMP- 10	2	CaIPA_Set WMP-10_Q2	one to two percent annually from 2022 to 2025. a) What factors does PG&E expect to contribute to the reduction in the number of EPSS events discussed above? h) What is PG&E's forecast reduction in the number of EPSS events linear across the 2023/2026.	impacted on actions to install administration reliability impact. These will be installed in locations that are within the JEPB or renduce the reliability impact. These will be installed in locations that are within the JEPB or renduce and impact in the JEPB of The proceeding that the will record to the second se	Holly Wehrman	4/4/2023	4/10/2023	4/10/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 010.zip	0	N/A	8.1.13	Grid Design, Operations, and Maintenance	Performance Metrics Identified by the Electrical Corporation

															_		
50	CalPA	Set WMP-10	CalPA_Set WMP- 10	3	CaIPA_Set WMP-10_Q3	a) Does PG&E forecast a change in the average duration of EPSS events during the 2023-2025 period? b) if the answer to part (a) is yes, provide the expected average duration of EPSS events for 2023, 2024, and 2025.	b) N/A c) We require more operating experience before being able to accurately forecast reduction in average duration for EPSS outages. We have lowered the target of four hours to 210 minutes in	Holy Wehrman	4/4/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_010.zip	0	N/A	8.1.13	Grid Design, Operations, and Maintenance	Performance Metrics Identified by the Electrical Corporation
51	CalPA	Set WMP-10	CalPA_Set WMP- 10	4	CalPA_Set WMP-10_Q4	c) If the answer to cart (a) is on, enclose who can be associated by the second of the provided by the second of the part of DTS-AST: A prototype field test installation was completed on a 11 file's tower in Martinez and a wood pole in Sand Cruin 2021. The valuable become karend have been updated to streamline designs, increase scalability, and reduce costs, in 2022, we filed a non-provisional pattert application for DTS-EAST. Enc. 2022. we have on definitionation and the value have informable the number of the value have the number in the value have have the number of have have have the number in the value have have have have have have a number of have have have have have have have have	2021. a) DTS-FAST is an integrated system of sensors and technologies that are established and available on the market, working together to milgate widtle risk. Testing focused on validating sensor functionality in widtler and utility user scenarios, encompassing functional testing, environmental testing, and long-term resilience testing. Learnings were immediately applied to	Holy Wehrman	4/4/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 10.2ip	0	N/A	8.1.2.6.2	Grid Design and System Hardening	Emerging Grid Hardening Technology Installations and Pilots
52	CaPA	Set WMP-10	CalPA_Set WMP- 10	5	CaIPA_Set WMP-10_Q5	P. 357 of PG&E's WMP states, 'If deployed, DTS-FAST could have a significant impact on wildfire risk where deployed.' a) Please quarify the phrase "a significant impact on wildfire risk' in the above quote. b) Please recover is an uncertaint or the summary is uncertaint and a second of the second of the second of the	continue sensor configuration. a) Please quarify the phrase "a significant impact on widther risk" in the above quote. We do not have enough data to provide a precise quantification of the impact at this time. The deployed sensor system is disigned to active ymonitor the environment for potential while risks. For instance, the sensors are capable of detecting vegatation that has false noting power lines or are leaving analysis. It is detected the second with the sense of the result of the sense of the sense of the sense and the backboard of the sense of the sense of the sense and the backboard of the sense of the sense of the sense and the sense of the sense and the backboard of the sense of the sense of the sense and the backboard of the sense of the sense and the backboard of the sense of the sense and the sense of the sense of the sense of the sense and the sense of the sen	Holy Wehrman	4/4/2023	4/10/2023	4/10/2023	https://www.ge.com/ge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/inference-dorg/2023/Ci4Moreater_00.pip	0	N/A	8.1.2.6.1	Grid Design and System Hardening	Emerging Grid Hardening Technology Installations and Pilots
53	CaPA	Set WMP-10	CalPA_Set WMP- 10	6	CalPA_Set WMP-10_Q6	P. 464 of PG&E's WMP states, "In 2022, we reduced the Customer Average Interruption Duration Index (CANDI) and Customers Experiencing a Sustained Outage (CESO) for customers served by EPSS-capable lines when compared to data from the 2021 program pilot." a) Please provide the CADD value for all HFTD customers for each year from 2018-2022.	panino analite i vinen sizo an event is descrited. De sessor wil proce an airm at the location Please see "WMP-Discovery2023_DR_CalAdvocates_010-Q006Atch01.xixx."	Holly Wehrman	4/4/2023	4/10/2023	4/10/2023	https://www.ge.com/ge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitgation- plan/reference-dors/2023/cal4dworates_00.010.pin	1	N/A	8.1.8.1.1	Grid Operations and Procedures	Equipment Settings to Reduce Wildfire Risk
54	CaPA	Set WMP-10	CalPA_Set WMP- 10	7		P.464 of PG&E's WMP states, "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." The statement above refers to results achieved "by the end of 2022. "What time period is this data drawn from?" In other words, the 42-minute figure is an average of response times in what period is made and the statement above.	The 42-minute figure is an average of the response time to all outages on EPSS-protected circuits in 2022 since EPSS Outage Response time tracking began. The timeframe covered is May 23, 2022 – December 31, 2022.	Holy Wehrman	4/4/2023	4/10/2023	4/10/2023	http://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 10.2ip	0	N/A	8.1.8.1.1	Grid Operations and Procedures	Equipment Settings to Reduce Wildfire Risk
55	CaPA	Set WMP-10	CalPA_Set WMP- 10	8	CalPA_Set WMP-10_Q8	of time? P.464 of PG&E's WMP states, "By the end of 2022, we responded to 80 percent of outages on EPSS-enabled lines within 60 minutes, responding on average within 42 minutes." For all outages on EPSS-enabled lines in all of 2022, provide the following: a) Average response time b) 20th generating surroups time	AVERAGE RESPONSE TIME 25TH PERCENTILE RESPONSE TIME MEDIAN (50TH PERCENTILE) RESPONSE TIME	Holly Wehrman	4/4/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 010.zip	0	N/A	8.1.8.1.1	Grid Operations and Procedures	Equipment Settings to Reduce Wildfire Risk
56	CaPA	Set WMP-10	CalPA_Set WMP- 10	9	CaIPA_Set WMP-10_Q9	b) 9th neurosenile rearrows time. P 44d ef PGSE VMP states, "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." For the 11 percent of outages (noted in this quotion) on EPSS-enabled lines that PG&E did not respond to within 60 minutes, provide the following: a) Average recorress time.	TYTU BOCYCHUTH E DEGORVÁCE TANE 2022 EPSS OLTADE RESPONSE AVERAGE RESPONSE TIME FOR RESPONSES > 60 MINUTES LONGEST RESPONSE TIME 95 Minutes	Holly Wehrman	4/4/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_010.rip	0	N/A	8.1.8.1.1	Grid Operations and Procedures	Equipment Settings to Reduce Wildfire Risk
57	CaPA	Set WMP-10	CalPA_Set WMP- 10	10	CaIPA_Set WMP- 10_Q10	a) Average resconse time. P. 414 of PGSE's WMP states, "We plan to implement a QA (quality assurance) program for systems inspections." a) Please discuss the progress PGSE has made so far in implementing a QA program for systems inspections. In When drues PGSE expect for imigenent a QA program for systems inspections?	Minutes a) The function that has been historically referred to as "quality verification" is in fact a component of the QA program for systems inspections and will be referred to as "QA" rather than "QV" moving format/. We have made significant progress on this work and the program has been implemented. b) The program has already been implemented.	Holy Wehrman	4/4/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_010.rip	0	N/A	8.1.6.1	Quality Assurance and Quality Control	Quality Assurance
58	CaPA	Set WMP-10	CalPA_Set WMP- 10	11	CaIPA_Set WMP- 10_Q11	14 Stillion does BOGKE sweet to implement a CM services for externs inservices?. P. 441 of PGSE4 WHP states, "We plan to update existing QV (pusity verification) procedures for system inspections." a) Please discuss the progress PGSE has made so far in updating existing QV procedures for systems inspections. In When drues PGSE servert in complete its undetext. In undiating IV procedures for sustam.	b) The noncoram bas sheads here inneremented a) The quarky tension is currently underging a thorough review of the prior QV procedures as an initial step in the development of updated procedures. b) Expected competition of this work is the end of the third quarter of 2023. c) The planned updates improve upon PGAE's existing QV procedures by accurately reflecting the QV role in the holdin sustemic insertion framework.	Holy Wehrman	4/4/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_010.ip	0	N/A	8.1.6.1	Quality Assurance and Quality Control	Quality Assurance
59	CaPA	Set WMP-10	CalPA_Set WMP- 10	12	CaIPA_Set WMP- 10_Q12	¹ When rokes ER&E more the correlated its undertex to suitation OU monoclass for austimm. P. 450 of PG&EE WWP states, "New point reacting within the chained to backog graften insta- tage in HFTDHFRA, new (EC notifications identified after January 1st, 2023) HFTDHFRA graften inst lags with the completed in comparison with OG Both the 18 methods, backing factors," users backness dee PQAE and instant and exercised the form completion (ETEMERA Table PGAE = 17, 10 or p. 451 of PGAE = 10 WWP states, "Refer Stately Reassessment" (FSR)	Civic de la the holdet cateron issonchio florundrez a) Posse refer lo page 31 of ou 2020 WW which define setternal factors as tokows: "External Factors represent reasonable circumstances which may impact execution against targets, objectives, offer work, or performance metrics including, but not infineto, psysical conditions, estimation of the setternal setternal and the setternal setternal setternal setternal definition of the setternal setternal setternal setternal setternal setternal and in The FSR programs is focused on indefinity conditions that we establish Definition A and B.	Holy Wehrman	4/4/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_010.zip	0	N/A	8.1.7.2	Open Work Orders	Open Work Orders – Distribution Tags
60	CaPA	Set WMP-10	CalPA_Set WMP- 10	13	CaIPA_Set WMP- 10_Q13	Table PG&E-8.1.7-1 on p. 451 of PG&E's WMP states, "Field Statety Reassessment (FSR) performed annually on time dependent tags to confirm Priority E Notification has not escalated to Priority A or B." a) Under PG&E's current procedures and policies, can a FSR de-escalate the priority of a motification? Dense evolution unconser.	a) The FSR program is focused on identifying conditions that have escalated to Princip A and B. Impectors can also recommend that a notification to example if they find al work identified on the error, is no longer required according to PG&ES guidelines, or if they find al work identified on the EC a already completed in the field. In certain instance, the FSR can be also a downgrade in tag priorities. For example, if the two advisement distances with an inspector uncommended. The HFSR line in Table PG&ES = 173 was blank because PG&Es was unable to sogregate the	Holly Wehrman	4/4/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 010.zip	0	N/A	8.1.7.2	Open Work Orders	Open Work Orders – Distribution Tags
61	CaPA	Set WMP-10	CalPA_Set WMP- 10	14	CaIPA_Set WMP- 10_Q14	Table PG&E-8.1.7-3 on p. 456 of PG&E's WMP has empty cells in the HFRA row. a) Please explains why the HFRA row is empty in the above table. b) Please provide an updated version of PG&E-8.1.7-3 with the HFRA row filed in.	HFRA tags. Table 1 below shows the number of open distribution work orders categorized by HFTD tier from Q1 2020 through Q4 2022 and is tied to the QDR data provided to Energy Safety on March 1,	Holly Wehrman	4/4/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 010.zip	0	N/A	8.1.7.2	Open Work Orders	Open Work Orders – Distribution Tags
62	CaPA	Set WMP-10	CalPA_Set WMP- 10	15		this inherent OC mocess?		Holy Wehrman	4/4/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_010.zip	0	N/A	8.1.3	Asset Inspections	N/A
63	TURN	001	TURN_001	1	TURN_001_Q1	miligations assigns a high pixelity to undergrounding and other of demonstrate a degate weight to MMP to both the regular program. A Deep PEGES 3223-22023 WHP or supporting documentation provide a comparison of the DEES of administration of the supporting documentation provide a comparison of the DEES of administration and specific parameters. As a cover of conductive III. If so, places specific documentation are covered conductive and cover provide the relevant cattern, identifying the support cover the provides the support cattern of the second cattern of the DEES of the Second term of the the support cattern of the second cattern of the DEES of the Second term of the DEES of the second term of the Second term of the DEES of the Second term of the DEES of the second term of the DEES of the Second term of the DEES of the Second term of the DEES of the Second term of the Second term of the DEES of the Second term of the DEES of the second term of the Second term of the Second term of the DEES of the Second term of the DEES of the second term of the Second term of the Second term of the DEES of the Second term of the DEES of the Second term of the Second term of the DEES of the Second term	a) No. 7845, 2023-2023 WMP sees not provide a comparison of the RSEs for unsegmending outputs and the results of the comparison of the results of the results of the results of the results of the results of the results of the service through the results of the results of the results of the results of the service through the results of the results	Tom Long	4/4/2023	4/7/2023	4/7/2023	https://www.pge.com/pge_global/common/jotfs/ safety/menaprency-preparedness/natural- disaster/white-ark/offer-matatata. plan/reference-docs/2023/TUBN_001.ep	1	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-34 – Revise Process of Prioritizing Wildline Mitigations
64	TURN	002	TURN_002	1	TURN_002_Q1	Please provide the attachment to the response to CalAdvocates-PG&E-2023WMP-06-007, which PG&E has labeled as confidential		Tom Long	4/4/2023	4/7/2023	4/7/2023	https://www.pge.com/pge_global/common/pdfs/ safetty/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TUBN_002.sip	1	Yes	8.2.3	Vegetation Management and Inspections	Vegetation and Fuels Management
65	TURN	002	TURN_002	2	TURN_002_Q2	Please provide the attachment to the response to Cal/dvocates-PG&E-2023WMP-06-008, which PG&E has labeled as confidential.	Please see attachment "WMP-Discovery2023_DR_TURN_002-Q002Atch01CONF.xtsx" for the requested information.	Tom Long	4/4/2023	4/7/2023	4/7/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-miligation- plan/reference-docs/2023/TURN_002.zip	1	Yes	8.2.3	Vegetation Management and Inspections	Vegetation and Fuels Management
66	TURN	002	TURN_002	3	TURN_002_Q3	Please provide the attachment to the response to CaliAdvocates-PG&E-2023WMP-06-009, which PG&E has labeled as confidential.	The attachment to CalAdvocates-PG&E-2023WMP-06-009 was identical to the attachment provided for CalAdvocates-PG&E-2023WMP-06-008, so please refer to the attachment sent with Answer 002 of this data request response.	Tom Long	4/4/2023	4/7/2023	4/7/2023	https://www.ope.com/ope_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_002.zip	0	N/A	2022 WMP Section 7.3.5.2	Vegetation Management and Inspections	Enhanced Vegetation Management
67	TURN	002	TURN_002	4	TURN_002_Q4	Please provide the 2023-2026 Undergrounding Workplan referenced on page 911 of PG&E's WMP and in footnote 209, which indicates that PG&E has labeled the Workplan confidential.	Please see 'WMP-Discovery2023_DR_TURN_002-Q004Atch01_CONF.xtsx' for the requested information.	Tom Long	4/4/2023	4/7/2023	4/7/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_002.zip	1	Yes	Appendix D	Areas for Continued Improvement	ACI PG&E-22-16 – Progress and Updates on Undergrounding and Risk Prioritization
68	CPUC - SPD (Safety Policy Division)	002	CPUC - SPD (Safety Policy Division)_002	1	CPUC - SPD (Safety Policy Division)_002_Q1	Provide Attachment 2023-03-27_PGE_2023_WMP_R0_Appendix D ACI PG&E-22- 16_Atch01_CONF (PG&E's 2023-2026 Undergrounding Workplan). Regarding PG&E's Tree Assessment Tool (TAT)	The CONFIDENTIAL attachment is being provided pursuant to the confidentiality declaration 'DRU11407.03_Confidentiality Declaration.pdf'. As requested, please see attachment "2023-03-27_PGE_2023_WMP_R0_Appendix D ACI PG&E-22-16_Arth01_CONF.stax' attached. Data TAL area developed for the DRU1 exporter The TAL all to know he will be an the EVA.	Kevin Miller	4/4/2023	4/5/2023	4/4/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/SPD_002.zjpf1_6	1	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-16 – Progress and Updates on Undergrounding and Risk Prioritization
69	OEIS	001	OEIS_001	1	OEIS_001_Q1	Considering PG&E has discontinued its Enhanced Vegetation Management (EVM) program: a. How is PG&E using and planning to use its TAT? b. What inspection programs, if any, listed in Section 8.2.2 will use the TAT? c. If PG&E is not using its, TAT_why has it discontinued its use?	a) The TAT was developed for the EVM program. The TAT will no keeps the utilized at the EVM program concluded at the end of 2022. There are no current plans to utilize TAT to support other VM programs. b) No inspection programs listed in Section 8.2.2 of the 2023-2023 VMP plan to utilize the TAT at plans, such that memory and the memory and the target of target of the target of t	Colin Lang	4/5/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS_001.zip	0	N/A	8.2.2	Vegetation Management and Inspections	Vegetation Management Inspections
70	OEIS	001	OEIS_001	2	OEIS_001_Q2	Negariding V-sda-5: Laigetes (ne spocials (LIS) subgrand is: Iner Addessmith LOA(LIA) (Lin) page 784 of LIS 222 WIAP Update, PAGE Statuse: The results of our Targeted Tree Spocials study in conjunction with improving the Tree Assessment Too(TAT) will allow PG&E to more accurately identify and mitigate trees at advender risk of fulliane, providing better viability into risk. On ones 61% of Lis 2023, 2023, WIAP PG&E states: "We have evaluated the recommendations in Regarding PG&Es Focused Tree Interpretions plot."	6) main recommendation in the portood or data in an instruction of the register of the opener Study that was completed in March 2022. PG&E has consistedired these recommendations and has taken action where we deemed appropriate. Below are the actions taken specific to each of the inter recommendations. Recommendations 1: Invidement a nile set. Barrowized with O&I concedures. For XAT in zeroor at a four regional ACICs tabling 300 miles have been listified for the FTI PIEX, non in each of the and pour regional ACICs tabling 300 miles have been listified for the FTI PIEX, non in each of the	Colin Lang	4/5/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_globa/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/0EIS 001.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.2.3.6	Vegetation Management and Inspections	High-Risk Species
71	OEIS	001	OEIS_001	3		a. Describe the current state of development for the piot area, PG&E's Areas of Concern (AOC), and "polygons where focused vegetation inspection can be evaluated to determine appropriate counties to prioritize pilotics(s)" (page 529) and the expected timeline for operationalization. Researcine PGAE's Focused Time Inspections pilot.	following counties: Butte, Calaveras, El Dorado, and Napa. Pilot operationalization will begin in Q2 2023. b) AOCs were identified through a cross-functional effort utilizing county-based regional reviews to create nohonos. Initial onknon development utilized Public Safety Specialist circuit.based b) 2023 development of Areas of Concern (AOC) used WIDRM XI to incrimize OP2A to inform the	Colin Lang	4/5/2023	4/10/2023	4/10/2023	nttp://www.pge.com/pge_gooa/common/pdrs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/0EIS 001.zip http://www.pge.com/pge_global/common/ndfs/	3	N/A	8.2.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections
71	OEIS	001	OEIS_001	3 SUPP		a. Describe the current state of development for the pilot area, PG&E's Areas of Concern (AOC), and "polygons where focused vegetation inspection can be evaluated to determine appropriate counties to prioritize pilots(s)" (page 529) and the expected timeline for operationalization	pilot areas selected. In the four ACC selected for pilots there are 31 CP2s total. 22 of these CP2s match where WDRM v2 was used in 2022 and EVM Tree Weighted Risk Scores and Rankings are available to accurately cross-reference. 9 CP2s do not have EVM Tree Weighted Risk Scores or Ranking. These omissions are due to objuit configuration and/or operation number.	Colin Lang	4/5/2023	4/19/2023	4/19/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS 001.zip	0	N/A	8.2.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections
71	OEIS	001	OEIS_001	3 SUPP_2	OEIS_001_Q3 SUPP_2	Kagarang K-sab.s Focused interimperators pair a. Describe the current state of development for the plot area, PG&E's Areas of Concern (ADC), and "polycens where focused wegetation inspection can be evaluated to determine appropriate counties to prioritize plot(s)?" (age 252) and the expected immler for <u>counties and the plot(s)</u> (age 252) and the expected immler for <u>counties and the plot(s)</u> (age 252) and the expected immler for <u>Regarding PA&E's Tree Removal Inventory</u> On page, 528, PG&E states that is will 'remove, or re	(j) Usis sayer for each polygon with the abational aannuizes have been provided. Phases een "Who Discovery 2023 DR OEES to 10:0005/up023/acht02.stx." Specifically for Oean Ultility Risk, Edginon Risk, and PSPR Risk, these are typically presented in terms of clinical segments or clinical insolutions manay. The AOC enhances due of alloware allow with the rest of clinical segments or clinical insolutions manay. The AOC enhances due of alloware allow with the rest of clinical segments or clinical insolutions manay. The AOC enhances due of alloware allow with the rest of clinical segments or clinical insolutions manay. The AOC enhances due of alloware allow with the rest of clinical segments or clinical insolutions manay. The AOC enhances due of alloware allow with the rest of clinical segments or clinical insolutions and the rest of clinical segments.	Colin Lang	4/5/2023	4/27/2023	4/27/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/DEIS 001.zip	2	N/A	8.2.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections
72	OEIS	001	OEIS_001	4	OEIS_001_Q4	Inspect or eas relation in the EVM program. a. How does PGBE decide whether a tree should be 1) simply abated based on the existing risk assessment or 2) re-inspected assessed prior to abatement? b. What standards: inconsesses, renoredures, and holds are used ation mananement personnel Regarding Wood Management On page 536, PGBE says that its wood management program to provide the standards of the same program.	v) I) Trees in the inventory with a TAT result of 'Abate' will abated based on the existing risk assessment. 2) All trees in the inventory with either no TAT result or a TAT result other than 'ABATE' are to be massessed by a Tree Risk Assessment Qualification (TRAO) insolution to determine if a)	Colin Lang	4/5/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation: plan/reference-docs/2023/0EIS 001.ip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.2.2.2.4	Vegetation Management and Inspections	Tree Removal Inventory
73	OEIS	001	OEIS_001	5	OEIS_001_Q5	addresses targe wood generated by PGAE's VM activities including post-fire work activities and wood generated by the EVM Program. a. Considering the EVM program has been discontinued, does the wood management program. Address large and onennated from the PLOM processes that so not abandu addresses? Regarding Enhanced Clearances On page 537, PGAE says it "complex with Appendix E of does the obscribe the recommender initiation accesses set forth in periods."	¹ Yes, We all sphold commitments to manage wood generated by Enhanced Vegetation Management (EVM) here work for catalants its service. II: We will continue to fulfill wood management commitments that have been made to catatomers. II: BORE affects availant commandement for catal willing management and EVM processor. Exc. all ancommon, a. The minimum clearance at time of work on Enhanced Vegetation Management is 12 feet as recommended in Agenetic EGI GOR Schedmen maintenance of previously cleares EVM spanse to recommended in Agenetic EGI GOR Schedmen maintenance of previously cleares EVM spanse.	Colin Lang	4/5/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/0EIS 001.zip https://www.pge.com/pge_global/common/pdfs/	1	N/A	8232	Vegetation Management and Inspections	Wood and Slash Management
74	OEIS	001	OEIS_001	6	OEIS_001_Q6	GU 95.	also 12 feet. Routine maintenance of all other spans is prescribed 2-3 years of clearance.	Colin Lang	4/5/2023	4/10/2023	4/10/2023	nttp://www.pge.com/pge_global/common/pdrs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/0EIS 001.zip http://www.pge.com/pge_global/common/pdfs/	0	N/A	8.2.3.3	Vegetation Management and Inspections	Clearance
75	OEIS	001	OEIS_001	7	OEIS_001_Q7	a. If all own conference has been bold in advanced to the successful of the succe	"WMP-Discovery2023_DR_OEIS_001-0007Atch01.pdf" "WMP-Discovery2023_DR_OEIS_001-0007Atch02CONF.pdf "WMP-Discovery2023_DR_OEIS_001-0007Atch03CONF.pdf "WMPDiscovery2023_DR_OEIS_001-0007Atch03CONF.pdf "OMMPDiscovery2023_DR_OEIS_001-0007Atch03CONF.pdf	Colin Lang	4/5/2023	4/10/2023	4/10/2023	https://www.gec.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/OEIS_001.zip	4	N/A	Appendix B	Supporting Documentation for Risk Methodology and Assessment Definitions	Detailed Model Documentation

						I											
76	OEIS	001	OEIS_001	8	OEIS_001_Q8	system diagrams in MS Visio or PPT for all risk models. 1. A comprehensive diagram for operational models and 2. A comprehensive diagram for planning models.	PG&E has provided two system diagrams within WMP-Discovery2023_DR_OEIS_001- Q008Auch01 pdf in response to this data request – one for operational models (slide 01) and one for planning models (slide 02). Each diagram depicts the interaction among different models and each's inputs and outputs. The diagrams also show the decision points,	Colin Lang	4/5/2023	4/24/2023	4/24/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/0EIS_001.zip	1	N/A	6.1.2	Risk Methodology and Assessment	Summary of Risk Models
π	OEIS	001	OEIS_001	9	OEIS_001_Q9	Section 6:1.2. Summary of Bick Models, asks for a summary of risk models in table form with Regarding Portiols Level Risk Analysis and Risk Spond Efficiency a. Provide an example of how risks are aggregated to a portfolio, and if and how interdependencies between the risks are exploitly captured in the portfolio. Response should be provided in Excel. Also include the level of organization for the portfolio e.g., asset,	process flows, fiendback know where adiaxtements to the models are remixed a) Based on the Walter Distribution Risk Model, which is based on circuits segments, circuit segments are aggregated to the enterprise wildfire risk model to calculate mitigation program benefits at the portfolio level. The tranches, in this case, are broken down by quintiles of likelihood of risk vent (LORE) and consequence of risk vent (LORE). Please see "WMP.	Colin Lang	4/5/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	2	N/A	7.1.4.1	Wildline Mitigation Strategy Development	Identifying and Evaluating Mitigation
78	OEIS	001	OEIS_001	10	OEIS_001_Q10	_neconsolical or business.unit) Regarding Cost Benefit within and Overall Decision-Making Framework a. If projects are justified based on a multi-attribute value functions/cost basis, what threshold or hurdle is used? b. How is the chance that a project exceeds the threshold computed?	of risk event (LoRE) and consequence of risk event (CoRE). Please see "VMP- Incommo2022. IAB. OISS. 011.000084hr1 inter with the IABLE 2023.2020 wildfine house a) We do not have a specific threshold to justify projects. b) White we dont calculade a specific threshold for associating mitigations, PABE prioritizes higher MWF/cords locations for executing projects. We also develop risk buydown curves and implement projects at the higher end of the curve. The higher end the curve expressers the higher	Colin Lang	4/5/2023	4/10/2023	4/10/2023	plan/reference-docs/2023/OEIS 001.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	7.1.4.2	Wildfire Mitigation Strategy Development	Mitigation Initiative Prioritization
79	OEIS	001	OEIS_001	11	OEIS_001_Q11	I.e. If noticets are instified based on a mitiliarithistic value functions/cost basis, what threshold or Regarding PG28E response to ACI PG8E-22-10 PG&E describes an external study funded by California Energy Commission (CEC) grant EPO 18-028 to classify and identify areas with similar cinate locations that already have weather stations, and areas with cinate conditions that are not well measure by current stations.	MAVE/cost values. The weather optimization report was developed by a third party, Pyregence. Pyregence provided us with a draft copy of the report and instructed us not to distribute the document. Therefore, we would greatly appreciate Energy Safe/sy understanding in honoring this instruction. To this end, we recommend that Energy Safe/sy contact the Pyregence team directly through the contact	Colin Lang	4/5/2023	4/10/2023	4/10/2023	plan/reference-docs/2023/OEIS 001.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-2210 Justification of Weather Station Network Density
80	OEIS	001	OEIS_001	12	OEIS_001_Q12	<u>a</u> . Provide the external narxiv shiruk which BC4KE described and used to assess the statewide Regarding PG4KE's Response to ACI PG4KE-22-09 a. PG4KE states that '363 (inclusit) dropped to the lower 80 percent" (p. 891). For each of these circuit segments, provide the following information via Excel document: I. Name/ID of CP2.	Information provided below to obtain the draft report. This was the same process we used to Please see an attachment WMP-Discovery2023_DR_OEIS_001-Q012Atch01.xtx, tab "12.a Dropped v2 CPZs."	Colin Lang	4/5/2023	4/12/2023	4/12/2023	plan/reference-docs/2023/0EIS_001.zip https://www.genc.com/pge_global/common/pdfs// safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-2209 Evaluation of Model Reprioritization and Fire Rebuild in High-Risk Areas
81	OEIS	001	OEIS_001	13	OEIS_001_Q13	1. Up milerow of unral support. Regarding RPGE Response to ACI PR&E22.20 PR&E class that "Adding dones to the detailed 60 165 inspection solved the inspection to roughly 20 to 25 poles per day, which is solver than both the stand-alone ground inspection as well as the image capture rate for both drame-only and helicopter-only" (page 520).	a. The producting of genon changes was drively primarily of greater granularity in have moose to provide the second second second second second second second second second Researce 8020, 2010, DESE MULTICAR Second second second second second Researce second second second second second second second second second second second Researce second	Colin Lang	4/5/2023	4/10/2023	4/10/2023	plan/reference-docs/2023/OEIS 001.zip https://www.ppe.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	Appendix D	Areas for Continued	ACI PG&E-2220 Asset Inspection Drone Program Pilot
82	OEIS	001	OEIS_001	14	OEIS_001_Q14	Regarding PG&E's Asset Management Upgrades Regarding PG&E's Asset Management Upgrades On page 433, PG&E states that "PG&E has significantly advanced our data management practices and the quality of our asset inventory (Asset Registry) database over the list two years inv anniving the International Organization (or Standardization (ISO) 156001 standardine's "	a Dur asset inventory das basis (Asset Registry) does include attribute fields for location (latitiong and/or identification of support structure ID for attached equipment), manufacturer, model ID (as appropriate), and instalation date. These are considered critical data elements (CDEs) and data owemance and data quality metrics are boing established b track the associated data quality.	Colin Lang	4/5/2023	4/10/2023	4/10/2023	plan/reference-docs/2023/OEIS 001.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.5	Asset Management and Inspection Enterprise System(s)	N/A
83	OEIS	001	OEIS_001	15	OEIS_001_Q15	a. Do the inprodes to PIGKE's asset insertion viabases inviate the location of each nece of Regarding PGME's Enhanced Powerins Safety Safetings (EPSS) Program a. On page 464, PG&E states "also referred to as high impedance faults, we plan to engineer, program, and install the Downed Conductor Detection (DCD) algorithm on recloser controllers. We will also evaluate think impedance fault detection algorithm for incruit therakers in 2023 and We will also evaluate think impedance fault detection algorithm for incruit therakers in 2023 and	a) I) DCD algorithm installation was prioritized based on the addressable risk reduction from each DCD device using PG&E's WDRM V3 risk media and maximizing High Fire Risk Area (HFRA) electric distribution line mile coverage. Addressable risk reflects the devices and circuits that are carefuld or accession to the D/CD in adjressed to the installed on.	Colin Lang	4/5/2023	4/10/2023	4/10/2023	plan/reference-docs/2023/OEIS_001.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.8.1.1	Grid Operations and Procedures	Protective Equipment and Device Settings
84	CalPA	Set WMP-11	CalPA_Set WMP-	1		Jeword* "Them on none 37.4 PGAE states that the DCD Little little well little continue from. PGAE's Tost Year 2023 GRC rebutal testimony (Ex. PGAE's Tost Yalar 2023) states the following: Q 123 Does PGAE have experience with REFCL? A 123 Year PGAE initiated a REFCL plot project in 2018 at the Calistoga substation. After initial	Capital on tax-oping in 1070-1678, may percentinate/2 1701-1678, may PG&E objects to parts (a) Phrough (a) of this request as beyond he scope of this proceeding. This percentinate/2 1701-1678, may percentinate/2 1701-1678, may be and the scope of this proceeding. This percentinate/2 1701-1678, may be an experimentary of the scope of this proceeding. This percentinate/2 1701-1678, may be an experimentary of the scope of this proceeding. This percentinate/2 1701-1678, may be an experimentary of the scope of this proceeding. This percentinate and the scope of the sc	Pul-Wa Li	4/5/2023	4/10/2023	4/10/2023	plan/reference-docs/2023/OEIS 001.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
85	CalPA	Set WMP-11	CalPA_Set WMP- 11	2	CaIPA_Set WMP-11_Q2	A 123 the Y-bit finalized AFC/L (bit) (bit	Latinuari autai reparts di Frade III file conce proceeding and processi provide a response to una PGAE debieto bis requesti al target order proceeding transporter autoritation malate si PGAE debieto bis requesti al abvording transporter proceeding. This quantum file bis PGAE 2023 General Rate Case (GRC) proceeding and has no enuncitated connection to PGAES 2023 General Rate Case (GRC) proceeding and has no enuncitated connection to PGAES 2023 General Rate Case (GRC) proceeding and PGAES will provide a response to this request in that proceeding that the GRC proceeding and PGAES will provide a response to this request in that	Pul-Wa Li	4/5/2023	4/10/2023	4/10/2023	plan/reference-docs/2023/CalAdvocates 011.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
86	CalPA	Set WMP-11	CalPA_Set WMP- 11	3		PG&E's 2022 WMP, Section 7.1.E, Attachment 1 (Attch_Q3.pdf) states the following regarding the project status of EPIC 3.15—Proactive Wires Down Mitigation Demonstration Project (Rapid Earth Fault Current Limiter) as of February 25, 2022: Evaluation of additional substations for subtability of additional REFC/L installations have been but its periodin results and hearnings of the	PG&E objects to the portions of this request relating to Major Work Category (MWC) 49R as beyond the scope of this proceeding. Notwithstanding and without waiving this objection, PG&E responds as follows: a PG&E has not renformed an evaluation of artitional substations for suitability of artificinal	Pul-Wa Li	4/5/2023	4/10/2023	4/10/2023	plan/reference-docs/2023/CalAdvocates 011.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
87	CalPA	Set WMP-11	CalPA_Set WMP- 11	4	CaIPA_Set WMP-11_Q4	Initial EPIC project before riseim or field work starts on additional sites. After an Initial screeving. Referring to Exhibit PG&E-U, Forkany 25, 2022, version, PG&E states the following regarding REFCL: Based on our initial testing and the successful implementation in Australia, PG&E has developed a short-term shatlegy to instal REFCLs in HFTD areas. PG&E forecasts deploying REFCLs and additional two substations each year, but these plans could change perioding plot REFCLs.	EECL institutions since the mexicus, list of 25 distribution substations. BGRE is still evaluation. a) Yes, our plans have changed over the past year from what was expressed in the quote cited above from our WMP. b) PGRE is not planning any REFCL deployments until after complete evaluation of the demonstration project and successful integration of the technology into nome operations. PGRE	Pul-Wa Li	4/5/2023	4/10/2023	4/10/2023	plan/reference-docs/2023/CalAdvocates 011.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
88	CalPA	Set WMP-11	CalPA_Set WMP- 11	5	CaIPA_Set WMP-11_Q5	results and interaction with other anthromod submettion and utilities mitination afforts described in Referring to Schütz G&E-17, p. 4.3-6, Table 4.3-3, Inc 6, served on July 11, 2022: Line 6 of the above table indicates that PG&E forecasts the capital expenditures to be \$17.331 million in 2023, \$17.800 million in 2024, \$18.280 million in 2025, and \$19.774 million in 2026.	iz excitation its control of vibilities risk mitianshow Pleases see the table below for the requested information. Year 2023 2024	Pul-Wa Li	4/5/2023	4/10/2023	4/10/2023	plan/reference-docs/2023/CalAdvocates 011.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
89	CalPA	Set WMP-11	CalPA_Set WMP- 11	6	CaIPA_Set WMP-11_Q6	In December 2021, PGE presented at the EPC Symposium. See Attch_Q6_EPIC_Presentation.pdf. The presentation sides state that:	2025. PG&E objects to this request as beyond the scope of this proceeding. Notwithstanding and without waiving this objection, PG&E responds as follows: a) Yes, this statement remains an accurate high-level description. b) Not applicable, as described in exposure to subpart(a).	Pui-Wa Li	4/5/2023	4/10/2023	4/10/2023	plan/reference-docs/2023/CalAdvocates_011.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_011.zip	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
90	CalPA	Set WMP-11	CalPA_Set WMP-	7	CaIPA_Set WMP-11_Q7	circuits)." However, PG&E's 2023 WMP, at page 275, states that?	by new approximate, and operational in respective to subject type. This distinction is based on the fact that REFCL is not a plag-and-play technology and requires supporting construction and equipment changes in the substation and on the distribution circuits to faunction. This is different from DCD and Partial Voltage Detection, which are software-based features on existing hardware and require significantly less cost to implement.	Pui-Wa Li	4/5/2023	4/10/2023	4/10/2023	plan/reterence-docs/2023/Cald4vocates 011.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/Cald4vocates 011.zip	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
91	CalPA	Set WMP-11	CalPA_Set WMP- 11	8	CaIPA_Set WMP-11_Q8	While PASE is looking at concentrating for REEC1 devicements in our distribution substations to PGGEs 2023 Why at page 275, status that: "While PGSE is looking at opportunities for REEC1 deployments in our distribution substations to miniptementing in would require significant and costly changes to the grid." a pilease status the exerted status at a costly changes to the grid." a pilease status the exerted status at a costly changes to the grid."	a) Implementing REFCL requires significant and costly changes to the grid relative to DCD and Partial Voltage detection. PG&E first understood the deployment cost of REFCL in early 2021. b) PG&E needed to complete the field construction of the demonstration project to determine the	Pui-Wa Li	4/5/2023	4/10/2023	4/10/2023	http://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-s/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 011.zip	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
92	CalPA	Set WMP-11	CalPA_Set WMP- 11	9	CaIPA_Set WMP-11_Q9	at lease state the earliest date when PLOPE reached the concusion that intermetitiou (HELLI) At which substations, other than the Calistoga substation, has PG&E tested REFCL?	CLEASE Interim Prove 5 Left year 2023 Left, additional CLEARING Prove Like and	Pui-Wa Li	4/5/2023	4/10/2023	4/10/2023	http://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/calAdvocates_011.zip	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
93	CalPA	Set WMP-11	CalPA_Set WMP- 11	10	CaIPA_Set WMP- 11_Q10	Has PG&E done any benchmarking study on REFCL with Southern California Edison (SCE)?	Yes, PG&E REFCL project engineers regularly engage with Southern California Edison to benchmark our findings and share results and learnings. Of note, SCE has fewer circuit miles of existing underground cable at their REFCL demonstration site.	Pul-Wa Li	4/5/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-swildfire-mitgation- plan/reference-docs/2023/CalAdvocates 011.zip	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
94	CalPA	Set WMP-11	CalPA_Set WMP- 11	11	CalPA_Set WMP- 11_Q11	Has PG&E collaborated or exchanged with SCE on REFCL? If so, please detail the relevant activities.	Yes, PG&E regularly collaborates with SCE on REFCL and sharing data and information. This includes a monthly utility group califmeeting and sharing technical reports.	Pui-Wa Li	4/5/2023	4/10/2023	4/10/2023	http://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_011.zip	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
95	CalPA	Set WMP-11	CalPA_Set WMP- 11	12	CaIPA_Set WMP- 11_Q12	PG&E's 2023 WMP; at page 275, states that:8 instead of making costly changes to the grid, we are moving forward with more cost-effective solutions such as DCD [Downed Conductor Detection] and Partial Voltage Detection. Regarding Downed Conductor Detection (DCD), a) What "changes to the grid" are required for PG&E to implement this technology? b) is DCD valued on 3 water southers, water southers, or brit?	a) Depending on the existing recloser controller, DCD may not require a physical "change to the girld" or it may require the retrofitting of an existing line recloser controller. b) DCD is most compatible with "avere systems: Imjementation on 4-wire is possible but may not achieve the benefits desired due to the higher settings thresholds that would be required. As a missili we are not interret/installand DCD on durier settings.	Pul-Wa Li	4/5/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_011.zip	0	N/A	7.2.1	Wildlire Mitigation Strategy Development	Overview of Mitigation Initiatives and Activities
96	CalPA	Set WMP-11	CalPA_Set WMP- 11	13	CaIPA_Set WMP- 11_Q13	a) the DD-back set of the set	and a sen and concrete/biotalian DCD production set and the set of	Pul-Wa Li	4/5/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_011.zip	0	N/A	7.2.1	Wildlire Mitigation Strategy Development	Overview of Mitigation Initiatives and Activities
97	CalPA	Set WMP-11	CalPA_Set WMP- 11	14	CaIPA_Set WMP- 11_Q14	Based on PG&E's evaluation of REFCLs: a) Please describe the significant changes to the grid required to implement REFCL technology, b) State PG&E's cost estimates for such changes, c) Describe the equipment installation required for such changes, and c) Describe the likely corectangular instance resultion from the implementation of REFC1 s.on. Please state the dates when PG&E instanced valuating the following:	a) The significant changes to the grid required to implement REFCL are identified below: Replacing voltage regulators in closed delta; Installing new, matched sets of feeder breaker current transformers (CTs); Replacing bus potential transformers (PTs); Replacing bus potential transformers (PTs); Replacing bus potential transformers (PTs);	Pul-Wa Li	4/5/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_011.zip	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
98	CalPA	Set WMP-11	CalPA_Set WMP- 11	15	CaIPA_Set WMP- 11_Q15	Please state the dates when PG&E finished evaluating the following: a) The significant changes to the grid required to implement REFCL technology, b) The cost estimates for such changes, c) The constrained for such changes, c) The constrained installations, reserviced, such changes, and Please provide al available documentation, futures, and manapse evidencing PG&E's conclusions	a) $-$ d) We finished the evaluation of each item identified above in early 2021.	Pul-Wa Li	4/5/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_011.zip	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
99	CalPA	Set WMP-11	CalPA_Set WMP- 11	16	CaIPA_Set WMP- 11_Q16	Please provide all available documentation, studies, and analyses evidencing PG&E's conclusions on each of the following appecte of REFLC deployment: a) The significant changes to the grid required to implement REFCL technology. b) The cost estimates for such changes, c) The existence installations provided that to such changes, and Please provide tain PG&E's costession that indicates the following:	a) Please see: Riery, Roger and Jon Benrardo, "JM868-0-0 REFCL Functional Performance Report: October 14, 2020. This document can be accessed at the following link: http://www.avvi.egor.audies/addwallfiles/2022.1/28FCL-Functional Performance- Review.gdf. Please see page 20 of this document for the requested information. In Bease miller to DREAF Test Ware 2012 (RG): Applications 7/JLR/D1 - Enhib PDAE-LA and http://www.avvi.es/avvi.e	Pul-Wa Li	4/5/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 011.zip	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
100	TURN	003	TURN_003	1	TURN_003_Q1	Please provide data in PG&E's possession that indicates the following: a. The SADI (System Average Interruption Duration Index) for the years 2018-2022 for underground distribution facilities; b. The MAFI (Momentary Average Interruption Frequency Index) for the years 2018-2022 for indecomposed distribution facilities:	Please see the attachment "WMP-Discovery/2023_DR_TURN_003-0001AtchD1xtsr" for the requested information. Please nole that FOEd does not capture covered/ion covered conductor status in our current outage reporting, so SAIDMAAIFI data for covered conductor equipment cannot be provided at this time.	Tom Long	4/5/2023	4/10/2023	4/10/2023	https://www.ppe.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_003.zip	1	N/A	N/A	N/A	N/A
101	TURN	003	TURN_003	2	TURN_003_Q2	Please provide all reports or studies in PG&E's possession prepared from January 1, 2018 to the present that discuss the reliability of underground distribution facilities, everhead distribution facilities with overed conductor, overhead distribution facilities without covered conductor, including but not limited to a discussion of SAIDI and MAIFI data.	PG&E publishes an annual reliability report which provides a detailed report on the system-wide reliability performance. Please see the following attachments for the requested information: * "WMP.Discovery2023_DR_TURN_003-2002/acth01.pdf;" * "WMP.Discovery2023_DR_TURN_003-2002/acth01.pdf;"	Tom Long	4/5/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_003.zip	5	N/A	N/A	N/A	N/A
102	TURN	003	TURN_003	3	TURN_003_Q3	I Regarding Table 7-3-2, p. 296, the bottom row re PSPS: a. Please confirm that the targets for neduced customer impacts in 2023, 2024 and 2025 are canalisive, i.e., that the 33,000 figure for 2024 includes the 15,000 reduced impacts for 2023, and so on. h. Please models the supporting data for the estimates of inclured PSPS impacts in 2023, 115,000	 <u>MMR/Discussed2021_DR_11081_00.00202640010.ptf</u> <u>MMR/Discussed2021_DR_11081_002026400000000000000000000000000000000</u>	Tom Long	4/5/2023	4/10/2023	4/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_003.zip	1	N/A	9.1.5	Public Safety Power Shutoff	Performance Metrics Identified by the Electrical Corporation
103	CalPA	Set WMP-12	CalPA_Set WMP- 12	1	CaIPA_Set WMP-12_Q1	a on	a) we assovered an error in our 2023 WMP submission in the "Measures Taken, or Planned be Be Taken, to Reduce the Medd for and Impact of Flucker PSPS of Circuit of the Frequently De- energized Circuits list. We will reach out to Energy Safety to provide this corrected information and discuss updating our WMP submission pursuant to Energy Safety's guidelines. We will provide an exclanation of an exemptiona blanks.	Holly Wehrman	4/6/2023	4/11/2023	4/11/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_012.zip	0	N/A	9.1.2	Public Safety Power Shutoff	Identification of Frequently De- Energized Circuits
103	CalPA	Set WMP-12	CalPA_Set WMP- 12	1 SUPP	CaIPA_Set WMP-12_Q1 SUPP	Regarding Table 9-2 (Litts of Frequentity De-energized Circuits) in Appendix F of PG&Es VMIP- the column "Measures Tablean, of Panned Io Be Tablean, be Reduce the Need or and Impact of Future PSPS of Circuit's Islam's for the following distribution circuit Entry Numbers 7, 8, 11, 15, 17, 18, 28, 29, 30, 36, 37, 38, 39, 47, 56, 52, 63, 70, 71, 97, 105, 111, 112, 120, 122, 125, 126, 148, 1161, 153, 163, 178, 179, 183 Regarding Table 2 (Litts of Frequentity De-energized Circuits) in Appendix F of PG&Es VMIP.	We have updated our List of Prequently De-energized Circuite based on the errors found in our review. The Entry Ambers Held advectment protection that lists circuits that are emiligated by PSPS protocols. Please see attachment "WMPDIscovery2023_DR_2alAdvocate012. OOD'support/Ankin Jaker for the updated List of Prequent/De-energized Circuits. al. After undation our table, endst distribution circuits have on <u>PSPS Mitonitor Measures have</u> or Parker Structure and an error in our 2023 WIM submission in the "Measures" laten, or Panned a). We discovered an error in our 2023 WIM submission in the "Measures" laten, or Panned the submission of the subm	Holly Wehrman	4/6/2023	4/18/2023	4/18/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_012.zip	1	N/A	9.1.2	Public Safety Power Shutoff	Identification of Frequently De- Energized Circuits
104	CalPA	Set WMP-12	CalPA_Set WMP- 12	2	CalPA_Set WMP-12_Q2	Regarding Table 9-2 (Lists of Frequently De-energized Circuits) in Appendix F of PGAE's VMP- the column "Neusures Taken, or Planned to Be Taken, to Reduce the Need for and Impact of Future PSPS of Circuit' is blank for the following transmission circuit Entry Numbers: 200, 227 a) For each of the above Entry Numbers, please explain why "Measures Tablen, or Planned to Be Taken is Meating the Need for longer of Entime PSRs of Circuit's maken Neith Net Core and Net	a) We discovered an error in our 2023 WMP submission in the "Measures Taken, or Planned to Be Taken, to Reduce the Need for and Impact of Future PSPS of Circuit" of the Frequently De- energized Circuits list. We will reach out to Energy Safety to provide this corrected information and discuss updating our WMP submission pursuant to Energy Safety's guidelines. We will provide an exclusion of the submission pursuant to Energy Safety's guidelines. We will provide an exclusion of the submission pursuant to Energy Safety's guidelines.	Holly Wehrman	4/6/2023	4/11/2023	4/11/2023	https://www.oge.com/pge_global/common/pdfs// safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 012.zip	0	N/A	9.1.2	Public Safety Power Shutoff	Identification of Frequently De- Energized Circuits

104	CalPA	Set WMP-12 CalPA_Set WMP- 12	2 SUPP	CaIPA_Set WMP-12_Q SUPP	Future PSPS of Circuit is blank for the following transmission circuit Entry Numbers: 200, 227 a)	We have updated our List of Frequently De-energized Circuits based on the errors found in our review. The Entry Numbers lated above may not reflect the latest circuits that are mitigated by PSPS protocols. Please see a stachment "WMPDiscovery2023_DR_CalAvbcoates_012- Q001Supp01Atch01.xisx" for the updated List of Frequently De-energized Circuits.	Holly Wehrman	4/6/2023	4/18/2023	4/18/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	9.1.2	Public Safety Power Shutoff	Identification of Frequently De- Energized Circuits
105	CalPA	Set WMP-12 CalPA_Set WMP- 12	3	CaIPA_Set WMP-12_Q	Takens, Nietwan The Merchannes March Carl Lines (1998); doi: Claradi ana blanck in Linear and Line (1994); and Claradi and Linear Carl	a) After undation our table, one transpriscion line has no EVES Milliontion Measures laten or a) We deply with temporary Generation instatives (Distribution Milcorgia) and Backup Generation) to address different types of PSPS impacts to benefit the number customers stated. See Section 92.4 on p. 781 on details for additional details. The number of customers that benefited from Temporary Generation for each of the circuits listed is in the number of heating and the interviewer temporary Generation for each of the circuits listed is in the number of heating and the interviewer temporary Generation for each of the circuits	Holly Wehrman	4/6/2023	4/11/2023	4/11/2023	pian/reference-docs/2023/Caladvocates 0122ip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/Caladvocates 012.zip	0	N/A	9.1.2	Public Safety Power Shutoff	Identification of Frequently De- Energized Circuits
106	CalPA	Set WMP-12 CalPA_Set WMP- 12	4	CalPA_Set WMP-12_Q	Regarding Table 54 (Litts of Proquent) De-emorgized Chroads) in Appende F of POALE's WMD; distribution circuit entity Numbers 3, 45 (1, 14, 16, 20, 21, 22, 22, 24, 26, 26, 20, 27, 23, 25, 40, 60, 50, 10, 44, 65, 66, 76, 87, 27, 17, 77, 77, 79, 10, 0, 18, 24, 45, 50, 11, 44, 60, 10, 10, 10, 10, 10, 10, 10, 10, 10, 1	a) We discovered an error in our 2023 WMP submission in the "Measures Taken, or Planned to Be Taken, to Reduce the Need for and Impact of Future PSPS of Circuit" of the Frequently De- energized Circuits Ist. We will reach out to Energy Safety to provide this corrected information and discuss updating our WMP submission pursuant to Energy Safety's guidelines. We will provide an exclusion.	Holly Wehrman	4/6/2023	4/11/2023	4/11/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 012.zip	0	N/A	9.1.2	Public Safety Power Shutoff	Identification of Frequently De- Energized Circuits
106	CalPA	Set WMP-12 CalPA_Set WMP- 12	4 SUPP	SUPP	51, 52, 53, 60, 61, 64, 65, 66, 67, 68, 72, 73, 75, 76, 77, 78, 79, 80, 81, 82, 84, 85, 91, 94, 96,	protocols. Please see attachment: WMPDIscovery2023_DR_Calvdvocates_012-	Holy Wehrman	4/6/2023	4/18/2023	4/18/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 012.zip	0	N/A	9.1.2	Public Safety Power Shutoff	Identification of Frequently De- Energized Circuits
107	CalPA	Set WMP-12 CalPA_Set WMP- 12	5	CaIPA_Set WMP-12_Q	31. Star Jah, Jak, Jak, Jak, Jak, Jak, Jak, Jak, Jak	a) We discovered an error in our 2023 WMP submission in the "Measures Taken, or Planned to Be Taken, to Reduce the Need for and Impact of Future PSPS of Circuit of the Frequently De- energized Circuits list. We will reach out to Energy Safety to provide this corrected information and discuss updating our WMP submission pursuant to Energy Safety's guidelines. We will provide an exclanation of an exemainton blanks.	Holy Wehrman	4/6/2023	4/11/2023	4/11/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_012.zip	0	N/A	9.1.2	Public Safety Power Shutoff	Identification of Frequently De- Energized Circuits
107	CalPA	Set WMP-12 CaIPA_Set WMP- 12	5 SUPP	p CaIPA_Set WMP-12_Q SUPP	Regarding Table 3-2 (Lists of Frequently De-emergized Circuits) in Appendix F of PG&Es WMP, grammission circuit Errly Marberts - 181, 965, 971, 986, 996, 201, 202, 203, 204, 205, 200, 200, 200, 210, 211, 212, 213, 215, 217, 218, 219, 221, 222, 223, 224, 228, 228, 231, 232, 233, 234, 235, 236 a) Bease describe the PS protocloss reference in frees Errly Numbers. b) Please earticle house reteneous - Nitroched hu. 6505 controls - 1 (Breas et al.) Numbers. b) Please earticle house reteneous - Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. b) Please earticle house reteneous - Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. b) Please earticle house reteneous - Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. b) Please earticle house reteneous - Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. b) Please earticle house reteneous - Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. b) Please earticle house reteneous - Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. b) Please earticle house reteneous - Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. b) Please extention house reteneous - Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. b) Please extention house reteneous - Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. b) Please extention house reteneous - Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. b) Please extention house reteneous - Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. b) Please extention house - Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. b) Please extention house - Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. B) Please et al. (Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. B) Please et al. (Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. B) Please et al. (Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. B) Please et al. (Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. B) Please et al. (Nitroched hu. 6505 controls - 2 (Breas et al.) Numbers. B) Please et al. (Nitr	We have updated our List of Frequently De-energized Circuits based on the errors found in our review. The entries listed above may not reflect the biad circuits that are mitigated by PSPS protocols. Please see attachment "WMPDiscovery2023_DR_CalvAdvocates_012- 0001Sept01Atch01 stark" for the updated List of Frequently De-energized Circuits.	Holly Wehrman	4/6/2023	4/18/2023	4/18/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 012.zip	0	N/A.	9.1.2	Public Safety Power Shutoff	Identification of Frequently De- Energized Circuits
108	CalPA	Set WMP-12 CalPA_Set WMP- 12	6	CaIPA_Set WMP-12_Q	measures taken, or planned to be taken, to reduce the likelihood of PSPS on those circuits. 6 Regarding Table 9-2 (Lists of Frequently De-energized Circuits) in Appendix F of PG&E's WMP: The only relationed action listed in Table 9-2 is reparation "MSO" device installations or reducement	(a) We discoveried an error in our 2023 VMMP submission in the "Measures Taken, or Planned to Be Taken, to Reduce the Need for and Impact of FLare PSPS of Circuit of the Prequent) Da- energized Circuits Ist. We will reach out to Energy Safety to provide this corrected information and discuss updating our VMMP submission pressund. To Energy Safety Safety Safety Safety Additionabu, maintice of the militation bene listed on 7.51 and risruit specific and an baxe and Table PSEE-2551 - Ishow customers mitigated and not customers impaction. In the analysis, and a Table PSEE-2551 - Ishow customers mitigated and not customers impaction. If the analysis of the analysis of the analysis.	Holy Wehrman	4/6/2023	4/11/2023	4/11/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_012.zip	0	N/A	9.1.2	Public Safety Power Shutoff	Identification of Frequently De- Energized Circuits
109	CalPA	Set WMP-12 CalPA_Set WMP- 12	7	CaIPA_Set WMP-12_Q	Frequency) on WMP p. 972-973: a) Please explain why this table shows customer impacts (in 7 terms of incremental PSPS mitigation) for only two mitigation methods (i.e., undergrounding and 1990).	we applied the 2022 guidance in the weather lookback period of 2018-2022. Other mitigation methods such as sectionalizing devices, grid hardening, and PSPS protocols are already factored	Holly Wehrman	4/6/2023	4/11/2023	4/11/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 012.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-35 – Quantify Mitigation Benefits of Reducing PSPS Scale, Scope, and Frequency
110	CaIPA	Set WMP-12 CaIPA_Set WMP- 12	8	CaIPA_Set WMP-12_Q	Instol, have ceep memore lag, contrado nationaria, facebotataria, cee, sale not lated in tra- lengaring Sector 23 (Johnson 1997). Sector 24 (Johnson 1997) and the sector 24 (Johnson 1997) a PSPSPS (Such as Decision Tree), subsection, "Decision to De-Energize," the VWP 7.16 Lates in part Har The OC will determine whether alternatives to de-energization that are considered. It inadequate	The the bodieses, the stands and second seco	Holly Wehrman	4/6/2023	4/11/2023	4/11/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 012.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	9.2.3	Public Safety Power Shutoff	Outline of Tactical and Strategic Decision-Making Protocol for Initiating a PSPS/PSPS (Such as Decision Tree) Protocols for Mitiaating the Public
111	CaIPA	Set WMP-12 CalPA_Set WMP- 12	9	CalPA_Set WMP-12_Q	Indecquaits	Resources (IDAR) Program, PG&E's partnership with the California 211 Network, and PG&E's standalone agreement with focus transportation organizations that provide accessible transportation in 12 counties. Eurotemore, before and rule na PSPS. BrG&E movides known, al. Enabling PSS instead of execution PSPS is not part of the PSPS decision making process.	Holly Wehrman	4/6/2023	4/11/2023	4/11/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-milgation- plan/reference-docs/2023/CalAdvocates 012.zip https://www.pge.com/pge_global/common/pdfs/	1	N/A	9.2.4	Public Safety Power Shutoff	Safety Impacts of PSPS, Including Impacts on First Responders, Health Care Facilities, Operators of Telecommunications Infrastructure
112	CalPA	Set WMP-12 CalPA_Set WMP- 12	10	CaIPA_Set WMP- 12_Q10	a) Please describe the decision-making process for a situation in which PG&E anticipates PSPS conditions but decides to utilize PSPS settings instead. b) Please list al dates in 2021 and 2022 when PG&E anticipated PSPS conditions but utilized EPSS settinos instead if this nonzerose for EPSS: Regarding communications to curative response for EPSS:	EPSS operates independent of PSPS based on different criteria and thresholds – see Section 8.1.8.1 of PG&E's VMP. b) There were none as EPSS is not utilized instead of PSPS. Enabling EPSS instead of executing PSPS is not nant of the PSPS decision making noncess. See reasonse to (a) above 1a We have earlies here obtains for customers and Public Safeth Pathers to determine if EPSS	Holly Wehrman	4/6/2023	4/11/2023	4/11/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 012.zip https://www.gee.com/gee_elobal/common/pdfs/	0	N/A	N/A	Public Safety Power Shutoff & Grid Operations and Procedures	N/A
113	CalPA	Set WMP-12 CalPA_Set WMP- 12	11	CaIPA_Set WMP- 12_Q11	A loss PGE provide notifications or other communication to customers when EPSS settings and enabled? (This may include, but is not limited to, notifications that a customer is served by a circuit that is subject to EPSS settings, notifications that an unplanned outage may occur, notifications of exercised restorations that an an EDSP actional base non-zeroed or all clear Figure PGEE-71.4-2 on p. 259 of PGEE's WIPP shows Down Conductor Detection (PCD) is to an exercised and the end of the	settings are enabled on the line serving their home or business. Unlike PSPS, because EPSS is not a planned de-energization, we do not proactively notify customers as daily enablement and deablement decisions mode.	Holly Wehrman	4/6/2023	4/11/2023	4/11/2023	safety/emergency-preparedness/natural- disaster/wildfire-/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 012.zip https://www.pge.com/pge_global/common/pdfs/	1	N/A.	8.1.8.1.1	Grid Operations and Procedures	Protective Equipment and Device Settings
114	CaIPA	Set WMP-13 CalPA_Set WMP- 13	1	CaIPA_Set WMP-13_Q	be implemented on 4-wire distribution. 1 a) Does PG&E plan to primarily implement DCD on 4-wire distribution, 3-wire distribution, or a mix? b) Doese table the number of overbead circuit miles of 4-wire distribution in PG&E's HETD 1 Table 5-27 on p. 586 of PG&E's WMP summarizes grid operation monitoring systems, including Distribution Table Articication (DFAAE's And Early Fault Detection (FED)	and a manufacture and a structure of the manufacture and the structure and the st	Holly Wehrman	4/6/2023	4/12/2023	4/12/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_013.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.1.2.10.1	Grid Design and System Hardening	Downed Conductor Detection Devices
115	CalPA	Set WMP-13 CalPA_Set WMP- 13	2	CaIPA_Set WMP-13_Q	Distances in the number of the second rest of the second rest of the second rest number of the second rest number of the second rest of the second rest number of the second r	conductors. b) Early Eault Detection (FED) is designed to detect conditions that generate accumulation of a) Constraints Management Organization (CMO) was created to act as the responsible group for	Holly Wehrman	4/6/2023	4/12/2023	4/12/2023	safety/emergency-preparedness/natural- disaster/wildfire-wildfire-mitigation: plan/reference-docs/2023/CalAdvocates 013.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.3.3.1	Situational Awareness and Forecasting	Existing Systems, Technologies, and Procedures
116	CaIPA	Set WMP-13 CaIPA_Set WMP- 13	3	CalPA_Set WMP-13_Q	3 Develop a process of centralizing constraints resolution. As part of the build out of the centralized constraints team, three major categories will be addressed: customer constraints, mixindenci internal FORSE monodimers required to network and permittion Table 7-3-1 on p. 282 of PG&E's WMP states the following objective with an estimated completion date of 1231/2026.	developing and managing processes for constraints resolution. Following the initial lessons learned form the Enhanced Vegetation Management (EVM) program, this team will be formalized processes and procedures concerning how the various types of constraints that occur within the Vicentation Management (IAM) and any and the standard a) For some Vegetation Management (VM) programs within the VM department, the Constraints Management Taxet (CM) will be implementing process miny rowments to the customer	Holy Wehrman	4/6/2023	4/12/2023	4/12/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 013.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A.	8.2.6	Vegetation Management and Inspections	Open Work Order
117	CalPA	Set WMP-13 CaIPA_Set WMP- 13 CaIPA_Set WMP-	4	CaIPA_Set WMP-13_Q	4 For each major constraint category build a process for addressing each constraint type, implement the new process, and create metrics to track each constraint type. a) When does PGAEs exerced: to hence involvementaria trackers and constraint of the address of the trackers and the provided of the top risk circuit segments (i.e., risklest segments when sorted by total wildfilter isk).	constraints process as early as Q2 of 2023.	Holy Wehrman	4/6/2023	4/12/2023	4/12/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 013.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural-	0	N/A	8.2.6	Vegetation Management and Inspections	Open Work Order Projected Risk Reduction on
118	CalPA	13	5	CalPA_Set WMP-13_Q	Legeners when sorted by total wildler (risk). 6) Footoble is the colume retited 'unit 1,0223 Overal Risk' states, "Accounts for risk reduction associated with EPSS," Please explain how PGB quantified the risk reduction associated with DBAB PGB2-PGB2-PGB2 TOTAL DBAB PGB2-PGB2-PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2-PGB2-PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2-PGB2-PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2-PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2 PGB2	b) The CMT has already flegan toolising regard clocks meetings with our Environmental Lenger and Based on the recorded effectiveness generations of Enderand Develories Safety Settings (EPSS) in 2022, we include the development across each clock argenter across ligh First patients through the INTERPECTION of the Control and Control argenter across light for advectories and the CMT and the CMT and the Control and the CMT and the advectories and the CMT and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT and the CMT and the CMT and the advectories and the CMT and the CMT	Holy Wehrman	4/6/2023	4/28/2023	4/28/2023	disaster/wildfires/wildfire-mitigation- plan/referece-docs/2023/CalAdvectes 013.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural-	1	N/A	72.23	Wildlire Mitigation Strategy Development	Highest-Risk Circuits Over the 3- Year WMP Cycle
119	CalPA	Set WMP-13 CalPA_Set WMP- 13 CalPA_Set WMP-	7	CaIPA_Set WMP-13_Q	(a) a) Has POAE performed as annihity study to determine the effect of these values on the output of POAEs VFC or comparison of the effect of the end of the end of the end of the end of the insection 7.21 on pp. 275-276 of POAEs VMIP, POAEs states, 'We determined that EPS5 is to more effective at instagent water in exit a lower cost as shown by comparing the RSS for the PSPS RSE of 105.7."	explanation of our deductive analysis. b) For points within the Fire Risk Areas (HFRA) (or non-HFRA), there is only a single variable that determines the conservations which is the function of disks that a bottom or bond standor. In the single service of the single service of the single service of the single variable behavior determines taken Service (SSS) and Enhanced Versetries (SSM). Besides mitigation effectiveness and implementation and operating costs described by the Risk Served Ethicson (PSE), we considered the faster pass of implementing EPSS compared to EVAI.	Holly Wehrman	4/6/2023	4/12/2023	4/12/2023	disaster/wildfire-/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 013.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural-	0	N/A N/A	62.22	Assessment Wildfire Mitigation Strategy	Consequence Overview of Mitigation Initiatives and
121	CaIPA	Set WMP-13 CalPA_Set WMP-	8		EP65 856 of 108.7 i EP65 856 of 108.7 i Johns than 0.856 of 108.7 i Johns than 0.856 of 108.7 i Johns than 0.856 what of ther criteria of IPACE analysis in the decision to man assume fram. For each of the following programs, what metrics does PG&E track to validate their impact and effectiveness at multiplicity the impact of PGP events? ■ J Temporary Datifization Micrograds > J Community Micrograd E baselement Program	treatures impairon intercurrentes ai on informational and upen any toos tards, toos tards, toos or you ner old. Spend Efficiency (NRS), we considered the faster poiro of impenenting EPSR compared to ENU, jackin results in faster internation. The ability to sensed EBSR across al across al across the inter link. Exert all we tack Magnetic (NW), automaters mitigable, and me named of langes per location each season to validate the impact and effectiveness of temporary Distribution Microgrids. b) We tack at manimum the frequency and duration of the intercogrid suspa, allong with the	Holy Wehrman	4/6/2023	4/12/2023	4/12/2023	disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/CalAdvocates_013.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural-	0	NA	8.1.2.7	Development Grid Design and System	Activities
122	CaIPA	Set WMP-13 CalPA_Set WMP- 13	9	CaIPA Set WMP-13 Q	Community Microgie Enablement Program Configuration (Configuration (Configuration)) Configuration (Configuration) Configuration Con	In retires of benefiting outprive accounts. In Debases on an extraordism is advantation of the second seco	Holly Wehrman	4/6/2023	4/12/2023	4/12/2023	disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/CalAdvocates 013.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural-	0	N/A.	8.1.2.7	Hardening Grid Design and System Hardening	Microgrids
123	CalPA	Set WMP-13 CaIPA_Set WMP-	10	CaIPA_Set WMP- 13_Q10	 b) Community Micropid Enablement Program Alternord foundmite Rhorana Figure 7-1 on p. 288 shows a sharp decline in risk after 2026. a) Pease provide contrast as to what drives this decline. b) Why does PGAE anticipate a significantly more rapid rate of decline in residual risk after 2026 	b) The more rapid rate of decline in residual risk after 2026 is due to the increase of the number of	Holly Wehrman	4/6/2023	4/12/2023	4/12/2023	disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 013.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation-	0	N/A.	7.2.2.1	Wildlire Mitigation Strategy Development	Projected Overall Risk Reduction
124	CalPA	Set WMP-14 CalPA_Set WMP- 14	1	CalPA_Set WMP-14_Q	main in the 2023-2020 period / P. 347 of PG&E's WMP4 states (regarding PG&E's undergrounding program), "Among other to benefits, the reduced pace (as compared to prior projections) will decrease costs in the initial users of the cororum."	underground miles expected to be installed each year that are focused on the highest risk (op 20% kinetic seconder, in which the hendits of underconundors are new address in time. See There are also additional benefits to reducing the near-term undergrounding mileage targets, including providing more time to drive process improvements that may reduce long term costs and drive long term efficiency of the program.	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	plan/reference-docs/2023/CalAdvocates 013.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
125	CaIPA	Set WMP-14 CalPA_Set WMP- 14	2	CalPA_Set WMP-14_Q	Please Ist the "other benefits" referenced in the quote above. P. 347 of RAB's WMP4 states (regarding PGAB's undergrounding program), "Among other penefits, the reduced pace (as compared to pior projections) will decrease costs in the initial years of the program." Please Ist the "other benefits" referenced in the quote above.	orve org term enciency or the program. a) No, DTS-FAST does not have the capability to re-energize a line. Currently, DTS FAST is monitoring only, and is not automatically sending the trip (de-energize) signal to operations until the system has more testing to ensure accuracy. b) DTS-FAST sense data will report atterm conditions in real time. For example, if vegetation has	Holy Wehrman	4/11/2023	4/17/2023	4/17/2023	plan/reference-docs/2023/CalAdvocates 014.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-wildfire-mitigation-	0	N/A	8.1.2.6.1	Grid Design and System Hardening	Distribution, Transmission, and Substation: Fire Action Schemes and
126	CalPA	Set WMP-14 CalPA_Set WMP- 14	3	CaIPA_Set WMP-14_Q	P. 359 of PG&E's WMP discusses Breakaway Connectors, and states, "The breakaway disconnect uses a weak link to provide a predictable point of separation and the service will then 3 fail to the ground de-emergized." a) What is the maximum grind sened that Breakaway Connectors can bandle without senarating?	(a) design for a alternational and registration in Locations on the control of the alternative mail research and Materian with respect to not easily defined. Span length, research control of the alternative and a first and the span length, respective and the span length, respective decipes to have an initiarum attempt of the soft of the soft and the and span length, respective decipes to have a minimum attempt of the soft of an amenaled copper. This is 47.88 pounds.	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	plan/reference-docs/2023/CalAdvocates 014.zip https://www.ope.com/ppe_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.2.6.2	Grid Design and System Hardening	Technology Breakaway Connector
127	CaIPA	Set WMP-14 CalPA_Set WMP- 14	4	CaIPA_Set WMP-14_Q	In the BCSE studied whether conditions exist that could exame a temporary fault and minimal or	The sendoral brackness has two variabletic wask links 600 line for sendorar 760 and shorter 760. Breakmany disconnects are used to prevent energized wire down to minimize (grillion risk. At this point in time, of the presence of breakmany disconnects is not included in PSPS scoping decisions, thereine, breakmany disconnects on on time the PSPS risk.	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	plan/reference-docs/2023/CalAdvocates 014.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.2.6.2	Grid Design and System Hardening	Breakaway Connector
128	CalPA	Set WMP-14 CalPA_Set WMP- 14	5	CaIPA_Set WMP-14_Q	P. Ses of PG&E's WMP states, " remporary distribution micrograps are designed to support community realilence and reduce the number of customers impacted by PSPS by energizing 6 main street corridors' with clusters of shared services and critical facilities so that those resources can continue serving surrounding residents during PSPS events."	a-c) Responses are summarized in the tables below, by year: 2020: Temporary Distribution Microgrid available to operate in 2020 Number of 2020 PSPS events supported Accord. the discrimination of 2020 PSPS event	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	plan/reference-docs/2023/CalAdvocates 014.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- dicaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 014.zip	0	N/A	8.1.2.7.2	Grid Design and System Hardening	Temporary Distribution Microgrids
129	CalPA	Set WMP-14 CalPA_Set WMP- 14	6	CalPA_Set WMP-14_Q	P. 3bo or HG&E s WINF states," The Reswood Lodos AirDoff Microging (KLAvi), W33 bulk through a California Energy Commission EPC grant to the Schatz Energy Center and Ioan 6 from United States of America to the Redwood Coast Energy Authonity (a Community Choice Aggregator), in collaboration with PG&E's EPIC 3.11, "Multi-Use Microgrid," project."	Number of 2020 TBPS events supported. 2020 TBPS events supported. 2021 TBPS and the transmission of transmission of the tran	Holy Wehrman	4/11/2023	4/17/2023	4/17/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-miligation- plan/reference-docs/2023/CalAdvocates 014.zip	0	N/A	8.1.2.7.3	Grid Design and System Hardening	Community Microgrid Enablement Program and Microgrid Incentive Program
130	CalPA	Set WMP-14 CalPA_Set WMP- 14	7	CalPA_Set WMP-14_Q	7 communities for collaborative development of multi-customer microgrids for energy resilience." a) How does PG&E determine the success of the RCAM? b) Please provide data to support the success of the RCAM.	Altechments to this data response contain CONTECNTAL information provided pursuant to the Non-Disclocare Agreement in this proceeding. a) Priors the start of the Project PGAE defined the following metrics to calculate the full deployment benefits at RCMA. 1. Increases mithability at critical facilities, a bost denoisment measurements of nation as metrer. a) Significant frainable benefits are projected at 11,9000 CES so avriage and 14.01 efficient.	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_014.zip	4	N/A	8.1.2.7.3	Grid Design and System Hardening	Community Microgrid Enablement Program and Microgrid Incentive Program
131	CalPA	Set WMP-14 CalPA_Set WMP- 14	8	CaIPA_Set WMP-14_Q	P. 369 of PG&E's WMP states, "For 2023, we have planned to install devices that will provide significant reliability benefits on fuse tap lines that are in the scope of EPSS." a) Please quarkity the "significant reliability benefits" that will be provided from devices installed in 2023. b) Please provide any available worksnapes or studies to support unu response to part (a).	customer minutes. During EPSS enablement unstream protective devices are required to see	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 014.zip	0	N/A	8.1.2.8.1	Grid Design and System Hardening	Installation of System Automation Equipment – Distribution Protective Devices

132	CalPA	Set WMP-14	CalPA_Set WMP- 14	9	CalPA_Set WMP-14_QS	Protection Poace symmetry sales that it will perform a "substation Animal Academient Enectiveness	a) The study was officially kicked off on January 26, 2023. The 'P61' team at Electric Power Research Institute (EPRI) was provided with PG&E historical animal contact records, existing and historical animal abatement strategies employed by PG&E, and other pertinent information needed to perform the study.	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.2.12.2	Grid Design and System Hardening	Other Technologies and Systems - Substation Animal Abatement
133	CaIPA	Set WMP-14	CalPA_Set WMP- 14	10	CaIPA_Set WMP- 14_Q10	P. 393 of PG&E's WMP states, "In 2022 PGE implemented revisions made to TD-2325, which incorporated industry best practices as well as adjusted the pole rejection criteria." Please list the adjustment that PG&E made to the pole rejection criteria.	b) The stark is expected to conclude by . Int 32, 2023. Please see our current procedure TD-2325P-01 for the requested information: This	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	plan/reference-docs/2023/CalAdvocates 014.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.3.1.5	Asset Inspections	Intrusive Pole Inspection
134	CalPA	Set WMP-14	CalPA_Set WMP- 14	11	CaIPA_Set WMP- 14_Q11	P. 400 of PG&E's WMP states, "PG&E designated plat maps as extreme, severe, high, medium, or low based on the average wildfire consequence of the structures within that plat map." a) Is the designation described above based on the wildfire consequence scores from the WDRM v/2 or the WTDRM v/2.	marke compared to the noise version. a) The quote referenced above is based on the wildfire consequence scores from the WDRM v3. b) We plan to review wildfire isis model results annually and evaluate how to update the inspection plan accordingly.	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	plan/reference-docs/2023/CalAdvocates 014.zip https://www.pge.com/pge_global/common/pdf; safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.3.2.1	Asset Inspections	Detailed Ground Inspection
135	CalPA	Set WMP-14	CalPA_Set WMP- 14	12	CaIPA_Set WMP- 14_Q12	b) How frequently does PG&E plan to messaluate the plat man designations described above? Table PG&E-8.1.7-6 on p. 458 of PG&E's WMP shows that PG&E added 41,869 distribution work and use to be UPEPBUEDA baseline in 2020.	activities (Loothes: In the risk maximum look de reassioning a leit mark in a different consenserce iter a) in order to ensure well confine to readice or backlog of asset laps, as of January 1, 2023, a) mere HTDHFRA lags will be completed by the compliance date. Thus, here tags will be in a "Loady data" being the logical data to a toping growing. In addition to this work, we will confine the logical data will be a start of the logical data to a toping growing. In addition to this work, we will confine backlow with the latitude start being the logical data to the logical data of the logical dat	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	plan/reference-docs/2023/CalAdvocates 014.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.7.2	Open Work Orders	Open Work Orders – Distribution Tags
136	CalPA	Set WMP-14	CalPA_Set WMP- 14	13	CaIPA_Set WMP- 14_Q13	P. 463 of PG&E's WMP states, "EPSS does not cause a power outage." Given that EPSS settings can de-energize a line without prior warning, and without an apparent cause, please explain what is meant by the above quote.	operate in 0.1 seconds or less in order to de-energize and isolate affected portion(s) of our distribution system when a fault or abnormal condition is detected that could generate a spark and subsequent widthe inition as well as detection blober impedance faults. Outages that occur when	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	plan/reference-docs/2023/CalAdvocates 014.zip https://www.oge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.8.1.1	Grid Operations and Procedures	Protective Equipment and Device Settings
137	CalPA	Set WMP-14	CalPA_Set WMP- 14	14	CaIPA_Set WMP- 14_Q14	2022. a) Of the EPSS-triggered outages in 2022, in how many of these outages did PG&E find that no corrective actions were required prior to re-exercision (i.e. there was no persistent condition that	EPSS settions are erabled on contention devices are unintened and only construction an enternal a) PGSE properties 10.83 uninvome case odtages in 2022. Note that while this is indicative that a conclusive corrective action was not identified during the outage patrol and restoration process, it is not indicative of no ignition risk. Our focus during outage patrol and restoration is to restore power as soon as it is safe to do so for our outcomers and communities.	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	plan/reference-docs/2023/CalAdvocates 014.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.8.1.1	Grid Operations and Procedures	Protective Equipment and Device Settings
138	CalPA	Set WMP-14	CalPA_Set WMP- 14	15	CaIPA_Set WMP- 14_Q15	IPCEE readed to resche unon incredition the location of the unstant? P.465 of PG3Es WMP states, in 7022, we expanded the scope of EPSS to all HERAs in our service territory and select adjacent EPSS buffer areas." a) In 2022, dd PG8E expand the scope of EPSS to all HERAs and all HETD? b) If PG8E dd not expand the scope of EPSS to all HERAs and all HETD?	b) Octavas that accurred as a seculi of element existing of from in rule current (or, a surge or a) EPSS capability was extended to 10% of HFRM in 2022. 10% of HFT was not targeted. b) PG&Es HFRA map is a purpose-built map b inform the Public Safety Power Shutoff (PSPS) and EPSS scoping process by identifying areas in PG&Es service area where overhead electrical infrastructure could be the source of an ignition that result is n a catastrophic wildfiler and	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	plan/reference-docs/2023/CalAdvocates 014.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.8.1.1	Grid Operations and Procedures	Protective Equipment and Device Settings
139	CalPA	Set WMP-14	CalPA_Set WMP- 14	16	CaIPA_Set WMP- 14_Q16	decision	accordence, is used for EPSS accordin. 30 Yes, that allower is correct. While it is unlikely that a downstream segment would affect the 30 Yes, that allower is correct. While it is unlikely that a downstream segment would affect the 30 It is correct and the second segments affected by upstream conclused segments. Implications such as the Tem Microgian serve possible prince the fundergoard section from scope. However, is must not be feasible to utilities memoraneumonistic as to unserve non-analistic andrior. 30 Nov. The were ordenormal a study or back cast methodes for the question.	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	plan/reference-docs/2023/CalAdvocates_014.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	9.1.5	Public Safety Power Shutoff	Performance Metrics Identified b the Electrical Corporation
140	CalPA	Set WMP-14	CalPA_Set WMP- 14	17	CaIPA_Set WMP- 14_Q17	segment will be subject to PSPS de-energizations due to upstream or downstream segments becoming subject to PSPS? b) If the answer to port (a) is war, please provide the results of any such studies.	b) see response to a. c) Projecting likelihood of an underground segment being subject to PSPS is possible but would take significant monutoleffort. However, back cast wather data was used to analyze the expected.	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	plan/reference-docs/2023/CalAdvocates 014.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	9.1.5	Public Safety Power Shutoff	Performance Metrics Identified b the Electrical Corporation
141	CalPA	Set WMP-14	CalPA_Set WMP- 14	18	CaIPA_Set WMP- 14_Q18	segments becoming subject to EPSS? b) If the answer to part (a) is ves, please provide the results of any such studies.	and any second mean second sec	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	plan/reference-docs/2023/CalAdvocates 014.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.8.1.1	Grid Operations and Procedures	Protective Equipment and Device Settings
142	CalPA	Set WMP-14	CalPA_Set WMP-	19	CaIPA_Set WMP- 14_Q19	Lift the answer to nart (a) is no. niese writinis who not Please provide a latol of all opin indicents that occurs of from 2020-2022 and involved an underground electric distribution line. For each incident, please provide: a) Date of the incident) Whether the dig/n was caused by PG&E employees, PG&E contractors, or a third-party	of stadu to be more meanioridi, a creater number of underconard miles analyticed to be POGE clociects to this request as beyond the scope of this proceeding and unrelated to PGEs a 2023 WMP. Notwithstanding and without waiving these objections, we provide the following information in relation to dig ins that happened in the 2020 to 2022 timeframe within HFTD Tier 2 and Tier 3 zones:	Holly Wehrman	4/11/2023	4/28/2023	4/28/2023	plan/reference-docs/2023/CalAdvocates 014.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	1	N/A	8.4.2.1	Emergency Preparedness	Overview of Wildlire and PSPS Emergency Preparedness
143	CalPA	Set WMP-14	CalPA_Set WMP- 14	20	CaIPA_Set WMP- 14_Q20	c) Diration of the resulting outage. If angleable a) During the period from 2020-2022, did PG&E replace any distribution poles as part of its WMP adjustment of the period from 2020-2022, did PG&E replace any distribution poles as part of its WMP.	a) Please see column & of attachment WMAD/liscover/2023. DR. Califohocates. 014. (a) – (c) We cannot provide the requested data. Our asset registry and work execution systems are not set up to enable this cross-referenced data consolidation and we do not track the volume of assets registred that have not been fully recovered.	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	plan/reference-docs/2023/CalAdvocates 014.zip https://www.pge.com/pge_globai/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 014.zip	0	N/A	8.1.2.3	Grid Design and System Hardening	Distribution Pole Replacements and Reinforcements
144	CalPA	Set WMP-14	CalPA_Set WMP- 14	21	CaIPA_Set WMP- 14_Q21	WMP activities for which PG&E had not fully recovered the original cost of the conductor? This may involve undergrounding a previously hardened line, or replacing a bare overhead line with covered conductor.	$\label{eq:a} (a) - (c) We cannot provide the requested data. PG&E's asset registry and work execution systems are not set up to enable this cross-referenced data consolidation and we do not track the volume of assets replaced that have not been fully recovered.$	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	plan/reference/docs/2023/calvovocates/04-zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 014.zip	0	N/A	8.1.2.5.2	Grid Design and System Hardening	Traditional Overhead Hardening – Distribution
145	CalPA	Set WMP-14	CalPA_Set WMP- 14	22	CaIPA_Set WMP- 14_Q22	b) If the answer to part (a) is yes, what was PG&E's practice regarding cost recovery on the unrecovered portion of the value associated with the replaced transformer?	$ (a) - (c) \ We cannot provide the requested data. Our asset registry and work execution systems are not set up to enable this cross-referenced data consolidation and we do not track the volume of assets replaced that have not been fully recovered. $	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_014.zip	0	N/A	8.1.4.11	Equipment Maintenance and Repair	Transformers
146	CalPA	Set WMP-14	CalPA_Set WMP- 14	23	CaIPA_Set WMP- 14_Q23	distribution lines? b) In 2022, how many ignitions did PG&E experience related to overhead bare conductor	a) In 2022, PG&E observed 11 CPUC reportable ignition where the equipment type associated with the ignition was insuliated distribution primary overhead conductor. b) in 2022, PG&E observed 183 CPUC reportable ignitions where the equipment type associated with the ignition was hare distribution primary overhead conductor. -/b. 2022 PG&E observed 1:20 CPUC reportable ignitions where the equipment and the associated with -/b. 2022 PG&E observed 1:20 CPUC reportable ignitions where the equipment and the associated with -/b. 2022 PG&E observed 1:20 CPUC reportable ignitions where the equipment and the associated with -/b. 2022 PG&E observed 1:20 CPUE o	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_014.zip	0	N/A.	Appendix D	Areas for Continued Improvement	ACI PG&E-22-06 – Addressing Increase in Risk Events
147	CalPA	Set WMP-14	CalPA_Set WMP- 14	24	CaIPA_Set WMP- 14_Q24	a) in 2022, how many ignitions did PG&E experience related to overhead secondary distribution lines? b) in 2022, how many ignitions did PG&E experience related to overhead service lines?	 a) In 2022, PG&E observed 44 CPUC reportable ignitions associated with overhead secondary facilities. b) In 2022, PG&E observed 54 CPUC reportable ignitions associated with overhead distribution service facilities. 	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 014.zip	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-06 – Addressing Increase in Risk Events
148	CalPA	Set WMP-14	CalPA_Set WMP- 14	25	CaIPA_Set WMP- 14_Q25	On October 26, 2022, the Utility notified the CPUC that the Utility's procedure for wood pole replacements did not comply with CPUC requirements for replacement of poles under certain conditions and, accordingly, in some instances, the Utility failed to replace wood poles with safety	a) Please see "WIR-Discovery2013_DR_Calkdvocates_014-0025Atch01pd" for the regested information. b) The specific referenced non-compliances were with General Order (GO) 96, Rules 12 and 41.3 Please see "WIR-Discovery2013 DR_Calkdvocates (14-0026Atch01; c) The secondition information data set of the minimized second of the cole and the a) Please see "WIR-Discovery2013 DR_Calkdvocates (14-0026Atch01)" for the	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_014.zip	1	N/A	8.1.2.3	Grid Design and System Hardening	Distribution Pole Replacements an Reinforcements
149	CalPA	Set WMP-14	CalPA_Set WMP- 14	26	CaIPA_Set WMP- 14_Q26	On December 22, 2022, the Utility submitted an update to the CPUC explaining the Utility had identified a population of wood poles that had not received intrusive inspections in accordance with CO MERCE deciders of the Dependence which have been have been been been been been been been be	requested information. b) 213 out of the 950 poles sampled (22%) did not have evidence of intrusive inspections within the commission frances of the same 2 decays 2	Holly Wehrman	4/11/2023	4/17/2023	4/17/2023	https://www.ope.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 014.zip	1	N/A	8.1.2.3	Grid Design and System Hardening	Distribution Pole Replacements an Reinforcements
150	CalPA	Set WMP-15	CalPA_Set WMP- 15	1	CaIPA_Set WMP-15_Q1	INNormonderse Instrumenderse PGAE states in response to Question 1 (b) of CalAdvocates-PGE-2023WMP-08: PGAE states in response to Question 1 (b) of CalAdvocates-PGE-2023WMP-08: PGAE states in response where EVM work occurred. PGAE will also be prescribing a Inimizmum radia clasarine of 12 face throughout the system with IH-TD and HFR. Two new programs, Vegetation Management for Operational Mitigation (VMMM) and Focused Three protections, vegetation management for Operational Mitigation (VMMM) and Focused Three programs, Vegetation Management for Operational Mitigation (VMMM) and Focused Three protections, vegetation management for Operational Mitigation (VMMM) and Focused Three protections, Vegetation Management for Operational Mitigation (VMMM) and Focused Three protections, Vegetation Management for Operational Mitigation (VMMM) and Focused Three protections, Vegetation Management for Operational Mitigation (VMMM) and Focused Three protections, Vegetation Management for Operational Mitigation (VMMM) and Focused Three protections, Vegetation Management for Operational Mitigation (VMMM) and Focused Three protections, Vegetation Management for Operational Mitigation (VMMM) and Focused Three protections, Vegetation Management for Operational Mitigation (VMMM) and Focused Three protections, Vegetation Management for Operational Mitigation (VMMM) and Focused Three protections, Vegetation Management for Operational Mitigation (VMMM) and Focused Three protections, Vegetation Management for Operational Mitigation (VMMM) and Focused Three protections, Vegetation (VMMM)	Discussor/272. TDE Califications in Tota 2020/bit 101 of a) Veptition Management for Operational Migation (VMOM) will be primarily focused in HFTD and HFRA. There are instances where a circuit segment may cross in or out of HFTDHFRA and WOMM would complete work on the whole circuit segment micruicating the areas outside HFTDHFRA. Focused Tree Inspections are planned for HFTD areas in the plan developed for 2023.	Holly Wehrman	4/11/2023	4/14/2023	4/14/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_015.zip	0	N/A	8.2.2.2.6	Vegetation Management and Inspections	Discontinued Programs
151	CalPA	Set WMP-15	CalPA_Set WMP- 15	2	CaIPA_Set WMP-15_Q2	propertion, and Merk to next it is included at times that warrant enhanced descretors where ROM uses. PGR64 states in response to Question (1) (iii) of cladivactorse-PG6-2022/WH-80 that its strategy for determining desired clearance distance sping forward will be "Minimum of 12 feet of clearance or enorgh clearance to imitigate potential impacts to facilities if the (whole or portion of) failure were to occur." Please, describe IRGAFs cleanced enterholdoxy (or, determinion sufficient clearance to mitigate or entering the strates of the strategy o	Obtaining clearance consistent with GO 95 Rule 35 at the time-of-tim recommendations in the HFTD may often require enhanced clearance beyond those recommendations to address tree conditions, the overall impacts of pruning to tree health, may compet tree removal, which can be interpreted as enhanced clearance. As a methodology, the goal is to mitigate identified roothematic tree conditions between insenction such as and obtainion. 23 vesses of clearance	Holly Wehrman	4/11/2023	4/14/2023	4/14/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_015.zip	0	N/A	8.2.2.2.6	Vegetation Management and Inspections	Discontinued Programs
152	CaIPA	Set WMP-15	CalPA_Set WMP- 15	3	CalPA_Set WMP-15_Q3	The set is becauted by the set is	PG&E intends to track trees identified for work under VMOM and FTI using the OneVM tool.	Holly Wehrman	4/11/2023	4/14/2023	4/14/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_015.zip	0	N/A	8.2.2.2.4	Vegetation Management and Inspections	Tree Removal Inventory
153	CalPA	Set WMP-15	CalPA_Set WMP- 15	4	CaIPA_Set WMP-15_Q4	decide desired clearance distances "Based on analysis of outage data and trends by AOC. 4 Additionally, any tree which is within MDR, will be within the MDR before next work completion order or is showing sizes of imminent failure before next work completion cycle."	uniform or regional clearance specification or a "desired clearance". Outage analysis and data is intended to help inform the Vogetation Management Inspector (VMI) to identify which species and failure bytes are increasing location durage trends. For example, this information can help interview if overhanoing branch failure is a problematic local trend. In that situation, overhano, and	Holly Wehrman	4/11/2023	4/14/2023	4/14/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/Caldvocates_015_10	0	N/A	8.2.2.2.6	Vegetation Management and Inspections	Discontinued Programs
154	CalPA	Set WMP-15	CalPA_Set WMP- 15	5	CaIPA_Set WMP-15_Qt	⁵ devising the VMOM scope of work. Where a devisite have DORE has atting a set of the following data have in devision the VMOM.	a) UM PPSS-enabled outage data was used to determine both a planned unit forecast and identify CP2s where EPSS VM Outages took place. I: Initiational Working data was used to identify CP2s where reoccurring VM outages took place. II: Distributed Working data was used to identify customers who experienced more frequent at	Holly Wehrman	4/11/2023	4/14/2023	4/14/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 015.zip	0	N/A	82224	Vegetation Management and Inspections	Tree Removal Inventory
155	CalPA	Set WMP-15	CalPA_Set WMP- 15	6	CaIPA_Set WMP-15_Q6	- consideration (and Posts in a submittability) and internating using types in internating are internating and international direct. PGRES states in the response to Question (2) of CaliAndonactom-PGES 2023/WHR-GB Intuit: For FTLAsses of Concern (ACCC) were identified through a cross-functional effort utilizing county, issued regional reviews to create polyagine which are groups that cross-functional effort utilizing county, development utilized WDRMA consequence scores, Public Safety Specialist circuit Sased (PGRE Safets in the response to Question (2) (c) of CaliAndonactom-PGE 2023/WHR-GM-B) in Tree PGRE Safets in the response to Question (2) (c) of CaliAndonactom-PGE 2023/WHR-GM-B) in Tree (PGRE Safets in the response to Question (2) (c) (c) (c) Andonactom-PGE 2023/WHR-GM-B) in Tree (C) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	a) I. UNDRMv3 Consequence scores aided in quality checking the AOC polygons. Adding this to the process resulted in adding two additional AOC polygons containing 32 circuit miles. WDRMv3 was also used to rank and prioritize the AoC into the transcrete. II. Public Safety Specialistic (PSS) circuit/based risk assessments ware not sensificate/dewidend a) The pace was provided for the first three years of the program with intert to ram up partnal.	Holly Wehrman	4/11/2023	4/14/2023	4/14/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 015.zip http://www.pae.com/pae.dobal/common/cdf/	0	N/A	82224	Vegetation Management and Inspections	Tree Removal Inventory
156	CalPA	Set WMP-15	CalPA_Set WMP- 15	7	CaIPA_Set WMP-15_Q7	Inventory Program "is planned to last 9 years". In response to Question 9 (a) of Calikduccates- PGE-0223WMP-08, it provides a pace for the next three years of 15,000 trees in 1223, 20,000 trees in 2242, and 25,000 trees in 2025. Interest and 25,000 trees in 2025.	pace. 9 years is a starting point to plan the pace of work completion however, the lessons learned will inform the completion timing. by We anticipate that there will be opportunities in the initial years of the program for lessons learned according action afficiencies and accordination with other surface hardening activities are a Narrows 2105/216	Holly Wehrman	4/11/2023	4/14/2023	4/14/2023	https://www.pge.com/pge_globai/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 015.zip https://www.pge.com/pge_globai/common/pdfs/	0	N/A	82224	Vegetation Management and Inspections	Tree Removal Inventory
157	CalPA	Set WMP-15	CalPA_Set WMP- 15	8		Widthe Data Risk Model (WDRM) v3 was utilized to prioritize nine CP2s for the VMOM program." a)Please provide the CP2s that were prioritized for the VMOM program. b)How was the WDRM v3 model utilized in prioritizing the nine CP2s? - IWbnt risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was used in noinclifion the nine (:P2s? - Ridkott risk foreshold .co.ther.criteria.was use	a) versions a locat. Morgan Hill 2111X2308 Laureles 11112200 Templeto 2110001690 Bin Rapit 1010720 The additional tree work that is generated throughout the year will be worked according to normal	Holly Wehrman	4/11/2023	4/14/2023	4/14/2023	https://www.pge.com/pge_goob/common/pdrs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_015.zip http://www.pge.com/pge_global/common/cdfs/	0	N/A.	8.2.2.2.3	Vegetation Management and Inspections	VM for Operational Mitigations
158	CalPA	Set WMP-15	CalPA_Set WMP- 15	9		will utilize EPSS Outages Extent of Condition (EOC) patrols to identify and generate additional tree 9 work throughout the year. Additionally, EPSS outage data will be utilized in the scope of work	VM program timelines. If vegetation is determined to be an immediate risk to PG&E facilities, described as a Priority 1 in	Holly Wehrman	4/11/2023	4/14/2023	4/14/2023	intigs://www.gge.com/gge_globa/common/pais/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_015.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.2.2.2.3	Vegetation Management and Inspections	VM for Operational Mitigations
159	CalPA	Set WMP-15	CalPA_Set WMP- 15	10	CaIPA_Set WMP- 15_Q10	development for the following year." PGRE Jassis In the province of the provi	ACC polygon boundaries. The resulting WDRMAA aggregated scores were averaged per ACC, leading to a raining which was used to prioritize ACCs. The pibl ACCs were selected among the type 25 rained ACcs. Pick ACC selection process is described in response b). In The force initia amounter averaged and the anti-activation and the piblic activation and the all with a goal to identify regionally variable ACC to pilot the initial program the four ACCs were selected (See response to Question 10). The 300 miles represents approximately 10% of the	Holly Wehrman	4/11/2023	4/14/2023	4/14/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 015.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A.	8.2.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections
160	CalPA	Set WMP-15	CalPA_Set WMP- 15	11	CaIPA_Set WMP- 15_Q11	Complete a focused tree inspection pilot project of ~300 OH line miles in 2023 to calibrate processes and optimize efficiencies. Inspections will utilize Tree Risk Assessment Qualification (TRA0) Centified Arborists. Tree millionitors will be determined as processes and on site and PCASE states pRC and the Charteria of White Calibration PCR 2012WMPAR that White PCASE states pRC and the Charteria of White Calibration PCR 2012WMPAR that White the Calibration PCR and the Charteria of White Calibration PCR 2012WMPAR that White Arbor PCR and the Charteria of White Calibration PCR 2012WMPAR that White Arbor PCR and the Charteria of White Calibration PCR 2012WMPAR that White Arbor PCR and the Charteria of White PCR and the Charteria of the Calibration PCR 2012WMPAR that White Arbor PCR and the PCR and the PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR and the PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR and the PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR 2012WMPAR that White Arbor PCR and the PCR and the PCR 2012WMPAR that PCR 2012WMPAR that Arbor PCR and the PCR 2012WMPAR that Arbor PCR and the PCR and the PCR 2012WMPAR that Arbor PCR and the PCR and the PCR 2012WMPAR that Arbor PCR and the PCR and the PCR and the PCR 2012WMPAR the PCR 2012WMPAR that Arbor	service (see response to question rob): The solutiles represents approximately forsion and overall prioritized ACCs available for 2023 and is intended to yield the learnings needed to support and inform future work plans. Certified abovists with the additional TBAC certification can involvement industry to est standards. a) The following certifications are in provide more ideal on what more regional and ensore its .	Holly Wehrman	4/11/2023	4/14/2023	4/14/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 015.zip https://www.ope.com/pge_global/common/pdfs/	0	N/A	8.2.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections
161	CalPA	Set WMP-15	CalPA_Set WMP- 15	12	CalPA_Set WMP- 15_Q12	Inspection tools and data collection are expected to be standardized it is anticipated that more regional guidance will utilize historical outage data to help us identify problematic tree species and faiture modes and site conditions to support focused inspection decisions and prescriptions." a liDees "more regional midance" mean midance specific to each dates of Concern that will be	Intended to accomplish. Guidance associated with tools utilized and data collected are expected to be standardized for the FTI program in all AOCs during the initial pilots. The outage, species and tree failure details available for each AOC will any and are expected to be reviewed prior to startion natrols. The data is for situational awareness, some of which may be unique within an	Holly Wehrman	4/11/2023	4/14/2023	4/14/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 015.zip	0	N/A	8.2.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections

162	CalPA	Set WMP-15	CalPA_Set WMP- 15	13	CaIPA_Set WMP- 15_Q13	inspections and prescribe work based on site and tree specific conditions. Some trees will be trimmed and other will be removed to address associated risk between inspection cycles."	Level 1 inspections are to be performed during patrols. Site specific and tree specific conditions will help inspectors determine when Level 2 inspections are needed to determine if a tree needs to be completely removed or timmed to mitigate risks between inspection cycles in the AOC. Guidance provided in the California Power Line Fire Prevention Field Guide, HAZARD DEFESVEGETATION CO FABANCE" section crowides criteria that can aid in the arcomorate	Holly Wehrman	4/11/2023	4/14/2023	4/14/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 015.zip	1	N/A	82225	Vegetation Management and Inspections	Focused Tree Inspections
163	CalPA	Set WMP-15	CalPA_Set WMP- 15	14	CalPA_Set WMP- 15_Q14	has performed lab testing which has shown DCD is able to detect and de-energize downed conductors reducing ignition risk where installed."	TREES/WEGETATION CF LEARANCE" section, rouxies, criteris that can aid in the acconcisita a) COD lab testing was formally concluded al ATS in 2022 to validate DCD effectiveness to detect and de-energize downed conclutors, as well as calibration, troubleshooting, turing, maintenance, and debegging. The testis were designed to minimi bijh impedance fault conditione septemented in the system such as a tree resting on energized conductor, or an energized conductor lying on sol, rocortent and values fine future. There esits uncrestifut interventiated that DL uses able to	Holy Wehrman	4/11/2023	4/14/2023	4/14/2023	http://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 015.zip	1	N/A	8.2.3.4	Vegetation Management and Inspections	Fall-In Mitigation
164	CalPA	Set WMP-15	CalPA_Set WMP- 15	15	CaIPA_Set WMP- 15_Q15	PG&E states in its response to Question 12 of Cal/dvocates-PGE-2023WMP-08 that: "Should a program fall below a 95% pass rate, catch back plans will be developed in partnership with VM execution to mitigate for specific cause of deficient rate." Please describe the nature of the abovementioned "catch back plans".	A Catch Back is a recovery plan developed when project milestones are off-track. The Catch Back Plan is developed by the project owner with stakeholders, and includes the specific problem, counter measure(s) to date, raised issue date, target closure date, owner, and status.	Holy Wehrman	4/11/2023	4/14/2023	4/14/2023	http://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-dncr/2023/CaldMorates_015.pip	0	N/A	8.2.5	Vegetation Management and Inspections	Quality Assurance/Quality Control
165	CaIPA	Set WMP-15	CalPA_Set WMP- 15	16	CaIPA_Set WMP- 15_Q16	PG8E states in its response to Question 13 (parts a, b, and c) of Calkdoncates-PGE-2023/WEP- 08 that: Improved quality verticals have been established for 2023, allowing for greater insight into overall with work product travolght and mit keleviteritation/insight on Lear definition of secondaria criteria, auronice methodoloxy, oncolation aliability, and nass, rate, calculations were established PG8E states in its response to Question 17(a) of Calkdoncates-PGE-2023/WEP- 08E states in its response to Question 17(a) of Calkdoncates-PGE-2023/WEP-08 bait For		Holy Wehrman	4/11/2023	4/14/2023	4/14/2023	http://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 015.zip	0	N/A	8.2.5.1	Vegetation Management and Inspections	Quality Assurance and Quality Verification
166	CalPA	Set WMP-15	CalPA_Set WMP- 15	17	CaIPA_Set WMP- 15_Q17	Routine and Second Patrol, PG&E does not currently have standards specific to high-risk species", but that species types will be incorporated into Focused Tree Inspections plots in 2023. PG&E states in its response to question 17(b) that "Development of any standards related to high	risk trees. Trees identified during routine and second patrol inspection cycles that require mitigation per PRC4293 and GO95 Rule 35 are expected to be identified and listed for work regardless of species.	Holly Wehrman	4/11/2023	4/14/2023	4/14/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 015.zip	0	N/A	8.2.3.6	Vegetation Management and Inspections	High-Risk Species
167	CaIPA	Set WMP-15	CalPA_Set WMP- 15	18	CalPA_Set WMP- 15_Q18	PG&E states in its response to Question 16 of CaliAdvocates-PGE-2023WMP-08 that "The Quality Management team has aligned on setting target pass rates at 88% for Field Quality Contro Active Observation Programs for the following core vegetation management programs: Routine	Basis for deciding on the 88% target – PG&E decided to utilize Q1 2023 data to establish a baseline target pass rate as pass rates were not calculated in previous years. Performance for Q1 2023 data shows an average pass	Holy Wehrman	4/11/2023	4/14/2023	4/14/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_015.zip	2	N/A	8.2.3.6	Vegetation Management and Inspections	High-Risk Species
168	CalPA	Set WMP-15	CalPA_Set WMP- 15	19	CaIPA_Set WMP- 15_Q19	Descaladori, decidar para to costanzario vegenarion torinti o da in Academi e rist antistacana. In the response to classifica for decidencia effect and antistacana experimentaria and the second effect of the second eff	Control advantume to be been consistent for chalded as have been determined as the Bill based encore and phenote see the value of the based encore and the based of the based encore ADT FEST FEST FEST and the based of the ba	Holly Wehrman	4/11/2023	4/14/2023	4/14/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_015.rip	0	N/A	8.2.5.2	Vegetation Management and Inspections	Quality Control
169	CalPA	Set WMP-15	CalPA_Set WMP- 15	20	CaIPA_Set WMP- 15_Q20	In the response to Question 19(a) of Califordination-REG-2022WMPAGR-PAGE says, "We do not have a source for bracking planned worked date for individual trees and are unable to provide the data at its time." a) Qose PG&EE plan to develop a source for tracking planned work date for individual trees? All the amounts in and I a la war, when does PG&E emond to have such a soution individual trees? Coloning up on the response to TWAND Request 3. Question CAEEs data	individual trees.	Holly Wehrman	4/11/2023	4/14/2023	4/14/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_015.zip	0	N/A	8.2.3.4	Vegetation Management and Inspections	Fall-In Mitigation
170	TURN	004	TURN_004	1	TURN_004_Q1	showing the "recorded reliability improvements at locations that have been undergrounded and/or have been hardened with covered conductor" that will be assessed in the study planned for	complimentary datasets because hardening work is done at targeted high risk segments, and	Tom Long	4/12/2023	4/17/2023	4/17/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TUBN_004.ip	1	Yes	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
171	TURN	004	TURN_004	2	TURN_004_Q2	completion on June 30, 2023. Regarding Table (RSAE2-23-5: 1(RSPS Events Lookback Analysis) on page 972 of PG&E's 2023 2025 WMP- a Ser each column with numerals, provide a vertial description of all input data and of how the numerals in each column were calculated. Is Provide the table in the RE-cell format.	a linpt Dat: the columns in Table PG&E-22-35-1 used the following prod data: 2022 PBPS Frve- Year Lookback Analysis (2018-2022); this is an analysis which shows the hypothesilari PBPS events created by applying 2022 PBPS guidance to the weather from 2018-2022. This is our most accurate method or estimating PBPS impacts based on our usets PBPS guidance, and results in a dataset identificion the list of nationers: immaching one homothesia PBPS guidance. This list of nationers is a The 2022 VBPS and 2023 VBP collectively discuss the following mitgations with the potential.	Tom Long	4/12/2023	4/17/2023	4/17/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TUBN_004.ip	1	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-35 Quantify Mitigation Benefits of Reducing PSPS Scale, Scope, and Frequency
172	TURN	004	TURN_004	3	TURN_004_Q3	b Broake the table in the Exception. b Broake the table in the Exception of the DRAE 22-36, beginning on page 971 of its WMP: a Pease identify each mitigation discussed in PGAE's current WMP or its 2022 WMP that has the potential to mitigate the scale, scope. Heaven, or dratation of PSP's events. b Pease explain why Table 22-35.1 only tools at the impact of two mitigations, undergrounding with SID and reas on consider the funct invaluations (addition is reasoned to a lower (a) about (a).	a. The 2022 WMP and 2023 WMP collectively discuss the following mitigations with the potential by mitigate the scale, scope, frequency, or duration of PSPS events:	Tom Long	4/12/2023	4/17/2023	4/17/2023	https://www.pge.com/pge.global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/TURN_004.zip	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-35 Quantify Mitigation Benefits of Reducing PSPS Scale, Scope, and Frequency
173	CPUC - SPD (Safety Policy Division)	003	CPUC - SPD (Safety Policy Division)_003	1	CPUC - SPD (Safety Policy Division)_003_Q1	1.Fill in the attached spreadsheet "Wildire Migation Table DR - PG&E." The first tab is a "Glossary" which provides definitions for each attribute. The other tabs, "Data Input," "Asset Inspections," and "VM Inspections," all need to be completed with data inputed from PG&E.	Please see attachment "WMP-Discovery2023_DR_SPD_003-Q001Atch01.xtxx" which is the completed Wildfire Mitigation Table DR – PG&E template provided to us by SPD.	Kevin Miller	4/12/2023	4/19/2023	4/19/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/SPD_003.zip	1	N/A	8	Wildfire Mitigation	NA
174	CPUC - SPD (Safety Policy Division)	003	CPUC - SPD (Safety Policy Division)_003	2	CPUC - SPD (Safety Policy Division)_003_Q2	2 In POE 2023 WMP_R0_Section_642_Abbh01_SPD has observed the mitigation effectiveness of Covered Conductor is on the order of 49% compared to the value reported in the WMP which is 64% (page 340), Explain the discrepancy.	request. We will reach out to Energy Safety to discuss this update and making corrections to the WMP prusawing to Energy Safety Solidelines. The 49% effectiveness clied above was due to an incorrect link in the original file and has been corrected in 10/MRP.Discowand 2013. DIP. SBN 0012000404-bit 1	Kevin Miller	4/12/2023	4/19/2023	4/19/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/SPD_003.zip https://www.pge.com/page_global/common/pdfs/	0	N/A	8.1.2.1	Grid Design and System Hardening	Covered Conductor Installation – Distribution
175	CPUC - SPD (Safety Policy Division)	003	CPUC - SPD (Safety Policy Division)_003	3	CPUC - SPD (Safety Policy Division)_003_Q3	3. Confirm or revise PG&E's Butle County CH to UG conversion factor in the 2023-2025 WMP (current) 157 in the GRC) based on actual and estimated UG mits for 2023-2026. In the PG&E 2023 GRC RegN biel (Dec 22) FGBE forecast 2.000 SH UG mitss (MAT 08W) and 100 Butle County UG mitse (MAT 96F) for 2023-2026. B Search on WSPF: Initial revise of the withfin i retificance and energial indextandmin of PG&Fs.	PG&E confirms that our Butle County OH to UG conversion factor for the 2023-2025 WIMP is 1.57. a) In the 2022 WIMP decrement process, we remedied a data response that showed how PG&E	Kevin Miller	4/12/2023	4/19/2023	4/19/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/SPD_003.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
176	CPUC - SPD (Safety Policy Division)	003	CPUC - SPD (Safety Policy Division)_003	4	CPUC - SPD (Safety Policy Division)_003_Q4	County ou mines (MA) step in the 200-2006. Blassici on WISP similar levels of the whiteling ispitons and general understanding of PG&E 2000 undergrounding program, it appears that undergrounding under have prevented only 61% of CPUC secondary and exposure in a strategy of the county of the county of the county of the county secondary and exposure county of updates. Additionally, SPO toot tee CPUC-repeated legislations in PCAE territory during 2000 at the amenitation undergrounding. The data under is the fire Repeating the county of updates and the pCAE county of the data.	estimated the effectiveness of undergrounding in reducing ignitions (WMP Discovery2022_DR_CalAdvocates (28-Q04). As PG&E explained in that data request: PG&E's estimate of the effectiveness of undergrounding in reducing ignitions is based on subject matter exercise. We sublished this estimation using the ionition rate per relie for curethead and a There are there infraror reasons with the risk minimi of the ionition at 1.	Kevin Miler	4/12/2023	4/19/2023	4/19/2023	intus//www.pge.com/pge_globa/common/pdis/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/SPD_003.zip https://www.pge.com/pge_global/common/pdfs/	1	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
177	CPUC - SPD (Safety Policy Division)	003	CPUC - SPD (Safety Policy Division)_003	5	CPUC - SPD (Safety Policy Division)_003_Q5	27 / PGE_2023_WMP / RJ Agendix D ACI / PGAE22-16, Acth/1_CONF-stoc: a Why does Column 0 ⁻⁷ 'Risk Rank (V2)' begin at Rank 7 (as opposed to 1) for circuits? I.VMy does 1 end at 3328' I.WMschothen cannot in Arkik's and the stock of the stoc	 If the circuit segment length is less than 1 mile then those smaller segments are bundled with other larger projects (e.g., the circuit segments that are risk ranked 1, 3, 4, and 5 were all less than 1 mile and bundled with other larger groups of circuit segments). Some of the circuit segments are notxately owned lines: we send an annual letter to the owner 	Kevin Miller	4/12/2023	4/19/2023	4/19/2023	safety/mww.ge.com/pe_good/common/pds/ disater/wildfire-mitigation- plan/reference-docs/2023/SPD_003.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-16 – Progress and Updates on Undergrounding and Risk Prioritization
178	OEIS	002	OEIS_002	1	OEIS_002_Q1	Lif so, explain the results and how PG&E has and will integrate this knowledge into its VM programs. If not nease explain PG&E's plan to perform this analysis and provide a timeline for correlation.	L No, PG&E has not used its Targeted Tree Species study to identify additional clearances for inventory of trees with the highest gravith and highest failure potential and there is currently no plan to begin such an inventority. The Targeted Tree Species Study (TTSS) did not include in its checkee any analysis of the constitution states or make any recommendations on clearances to be a) The minimum additionation of an imspective proforming the tree-tak assessment for the	Colin Lang	4/13/2023	4/18/2023	4/18/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS 002.zip https://www.pee.com/page_slobal/common/pdfs/	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-24 – Progression of Vegetation Management Maturity
179	OEIS	002	OEIS_002	2	OEIS_002_Q2	the Focused Tree Inspections? b Why and how did PG&E choose to use the American National Standards Institute (ANSI) A- 300 ther risk assessment standard over PG&E's Tree Assessment Tool (TAT) for Focused Tree Inspections? Include a comparison of the benefits and drawharks of ANSI A-300 and PG&E's.	4) The infinite and quantization to an introductory provide the standard	Colin Lang	4/13/2023	4/18/2023	4/18/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS 002.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.2.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections
180	OEIS	002	OEIS_002	3	OEIS_002_Q3	On plage 54, r + oracle follow fields are dont party can againly recepting in the plant of the relation of the Charlos and the part of the cases. a.On page 567, PG&E references the weather stations deployed over their 70,000 square mile	a. Please see attachment "WMP-Discovery2023_DR_OEIS_002-0003Atch01CONF.pdf" for a unredacted version of our CEPP. Please see attachments "WMP. Discovery2023_DR_OEIS_002.0003Atch02CONF.pdf" and "WMP. a.	Colin Lang	4/13/2023	4/18/2023	4/18/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/0EIS_002.zip https://www.pge.com/pge_global/common/pdfs/	3	N/A	8.4.1	Emergency Preparedness	Overview
181	OEIS	002	OEIS_002	4	OEIS_002_Q4	territory for monitoring conditions. Li Provide the instillation standard that all PG&E weather stations are installed to. Include height from ground, direction of cross-arm, and which side of the pole/lower they are installed on. b Cle name 570. PG&E references: the maintenance for their seather stations and calibrations.	L Please see the attachment "WMP-Discovery2023_DR_0EIS_002-0004Atch01CONF pdf" for the requested information.	Colin Lang	4/13/2023	4/18/2023	4/18/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/DEIS 002.zip https://www.pge.com/pge_global/common/pdfs/	2	N/A	8.3.2.1	Situational Awareness and Forecasting	Existing Systems, Technologies, and Procedures Projected Risk Reduction on
182	OEIS	002	OEIS_002	5	OEIS_002_Q5	Please provide an Excel version of Table 7-4: Summary of Risk Reduction for Top Risk Circuit Segments from PG&E's 2023 WMP.	have corrected in response to this discovery request. We will reach out to discuss this update and maining corrections to the WMP pursuant to Energy Safety's Guidelines. Blease even.WMP attractment "WMMP Discovers-0722. DB. CBE 0.000.0005MethOL sites * A indicated in Section 8.1.8.1.2 of the 2023-2025 WMP, on the transmission system, auto	Colin Lang	4/13/2023	4/18/2023	4/18/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/0EIS 002.zip http://www.gec.com/pge_global/common/pdfs/	1	N/A	7.2.2.3	Wildfire Mitigation Strategy Development	Highest-Risk Circuits Over the 3- Year WMP Cycle
183	OEIS	002	OEIS_002	6	OEIS_002_Q6	Under Section 8.1.2.9. PG&E myl includes additional information for distribution protective devices. What program(s) does PG&E currently have for system automation equipment at the transmission level? a Provide a definition for PG&Es "Critical Pass Rate" for its asset inspection QC, as shown in Table PG&E-22-11. This should include criteria for what qualities as "Critical Including any risk.	Dabbles with a structure if WaRD Discusse(272), DL DER, 002-000444401, ks-1 As indicated is Social to 11.0.1.2.1.9. the 2022 2023 WRP on the transmission system, aub reclusing is disabled to the effect wildfile season when he PPI sing reaches R10 or greater. In Sociality income high system is disruptly there are built income and an intervent of the Sociality income in particular based on the effect of the system in the system region of the system is disruptly there are built income and an intervent on the sociality income in the system is being the system in the system intervent of the system region of the system is being the system is structure in the system intervent of the system region of the system is being the system intervent of the system intervent of the system region of the system is being the system intervent of the system intervent of the system region of the system is being the system intervent of the system intervent of the system region of the system is being the system intervent of the system intervent of the system region of the system is being the system intervent of the system intervent of the system region of the system is being the system intervent of the system intervent of the system region of the system is being the system intervent of the system intervent of the system region of the system is being the system intervent of the system intervent of the system region of the system is being the system intervent of the system intervent of the system intervent of the system region of the system is a system intervent of the system is system intervent of the system interv	Colin Lang	4/13/2023	4/18/2023	4/18/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS 002.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.1.2.9.1	Grid Design and System Hardening	T Line removal (in HFTD) - Transmission ACI PG&E-2221 Asset Inspections Quality Assurance and
184	OEIS	002	OEIS_002	7	OEIS_002_Q7	Table Pode-22-211, 1113 sindou Truboro Unitian la Minara (et al. 1996). Mirechiolas, associated equipment-topos or other relevant determinations. b.Does 'Critical Pass Rate' differ from the 'QA Review HFTD Pass Rate' provided in Table RN- PodE-22-20.067 (in sectores to Critical Seure, RN-R645-22.06 (if)' for Indexche how the han- a. How many ignitions were evaluated via PG&E's EIA program in 2021, 2022, and 2023 (if acoldable irresortive)?	Paultoting dis beined by robest of an appy liable to in hiss strength with influence or assess hereneed by Qc. This is shown as a percentage. A Critical Althoute is defined as: a condition that could lead be either an ignition point or wire down situation that could result in a potential fre ignition. In - Critical althoute Barl' shows or different Growing and the HTT bars. Barl's - Critical althoutes are a. We completed EUK evaluative actions for 118 ginitoris in 2021; we established the EUK program. In 2021 and the scoebreadth of these evaluations many way. Under the EUK program.	Colin Lang	4/13/2023	4/18/2023	4/18/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS 002.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-2208 Better Application ACI PG&E-2208 Better Application ACI PG&E-2208 Better Application
185	OEIS	002	OEIS_002	8	OEIS_002_Q8	b. When would PG&E perform an EIA? c.Provide an example of an ignition PG&E performed EIA for, including supporting documentation and renorts as anoticable a.Provide the definitions for the EPSS Outage Types under Column J for the tab labeled '2022	completed 147 ignition evaluations in 2022, and 17 ignition evaluations year-to-date in 2023. b. As outlined in our Ubitly Procedure: RISK-6306P-02 File Incident Enhanced Ignition Analysis Procedure (first rublehed in Sentember 2022). Innitions with these conditions meet FIA criteria a. The table below defines each of the four (4) values appearing in column 'J' of the spreadsheet	Colin Lang	4/13/2023	4/18/2023	4/18/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS 002.zip https://www.pge.com/pge_global/common/pdfs/	4	N/A	Appendix D	Areas for Continued Improvement	of Specific Lessons Learned from Utility-Caused Fires
186	OEIS	002	OEIS_002	9	OEIS_002_09	Le Go consign cuair. b. What analysis has PG&E performed on EPSS-caused outages to determine which outages would have led to an ignition? ~ Whet necessary of EDSC-caused outeress shore the aetablishment of the EDSC economic a Provide an Excel sheet (sting all work orders closed by PG&E in 2022 following the same	PG&E provided. EPSS Outget Type FTS "Fast Trip Setting". Post-Optimized Circuit Settings UI * Tutui Iou ****- Den Anderimed Circuit Settings UI * Tutui Iou ****- Den Anderimed Circuit Settings a. Please see the "Table 13 - Closed" tab in attachment "WMP Discovery2023_DR_OEIS_002- for Anderson Setting".	Colin Lang	4/13/2023	4/18/2023	4/18/2023	safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/OEIS 002.zip https://www.pge.com/pge_global/common/pdfs/	1	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-32 – Updates on EPSS Reliability Study
187	OEIS	002	OEIS_002	10	OEIS_002_Q10	I.Date the work order was closed iI.PG&E Priority (A, B, E, H, and F) ii.Whether or not the infraction qualified as an "ignition-Risk HETD/HERA" tan	ult 1 kein Lie Land, Ban Andreauer Franz Batterner B. Pease see Brinde 11: Ale 13: Obsord Hall an Batchmert 11WPD Discovery2023_DR_0EIS_002- 001084r01 kein for the requested information. DB Pease see Brinde 11: Open 11: Batchmert 11WPD Discovery2023_DR_0EIS_002- R01084r01 kein for the research information. R028L has used Brinde 11: Open 11: Batchmert 11WPD Discovery2023_DR_0EIS_002- R01084r01 kein for the research information.	Colin Lang	4/13/2023	5/9/2023	5/9/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/OEIS 002.zip https://www.pge.com/pge_global/common/pdfs/	1	N/A	8.1.7	Open Work Orders	N/A
188	TURN	005	TURN_005	1	TURN_005_Q1	including window imitation the criteria that Hoak. Uses to select the magazion technique for that incation. Please provide a carrafter evolutionation of what the decision tree schematic shows. 2.If the response to question 1 is that PG&E has no such decision tree schematic, then please		Tom Long	4/13/2023	4/19/2023	4/19/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_005.zip https://www.pge.com/pge_global/common/pdfs/	3	N/A	8.1.2	Grid Design and System Hardening	ALL
189	TURN	005	TURN_005	2	TURN_005_Q2	describe the process that PGGE uses to decide, for a given location, which mitigation technique to use – i.e., undergrounding, covered conductor, rende give intraliation, etc. – including without limitation the criteria that PGGE uses to select the mitigation technique for that location. 3 In choosing among alternative system hardening mitigation techniques – i.e., undergrounding, covered conduction, rendre givi limitatiano, etc. – for a givin cloadino, taless – juint and the givin techniques of the second system of the system techniques of techniqu	Not applicable. PG&E has a decision tree. Please see our response to TURN_005-0001. During the field scoping process, the team reviews all high-impact dependencies that could extend the execution. During review, we evaluate alternative undergrounding routes to avoid such	Tom Long	4/13/2023	4/19/2023	4/19/2023	safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/TURN_005.zip http://www.pge.com/pge_global/common/pdfs/	0	N/A	8.1.2	Grid Design and System Hardening	ALL
190	TURN	005	TURN_005	3	TURN_005_Q3	takes into account the execution and schedule risks associated with undergrounding compared to	impacts, design decisions that could mitigate that risk, and the steps we can take to work with the	Tom Long	4/13/2023	4/19/2023	4/19/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_005.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.1.2	Grid Design and System Hardening	ALL
191	TURN	005	TURN_005	4	TURN_005_Q4	powey ouncering undergrounding or service connections and the removal of poles on which service connections are attached. To the extent that this determination varies by project, please describe the criteria that PG&E uses to decide whether PG&E undergrounds service connections in a reven location.	specialized process to and as portunities activities and a textuation run is notice to g, perimiting and 0.07 10,000-mile interprovinding programs to focused on independent professional primary distribution powerfines in areas of high fire risk. While here is a degree of risk anywhere there are energized overhead foculates, historically, we have observed moment frequent ignitions and larger willfree associated with the overhead primary distribution powerfines. This is compared to here without additional additional primary distribution powerfines.	Tom Long	4/13/2023	4/19/2023	4/19/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_005.aip	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution

						E Fastiles understanding under dasselbed in DORES 2003 2005 MMD at the source										1	
192	TURN	005	TURN_005	5	TURN_005_Q5	5 For the undergrounding work described in PG&E's 2022-2023 WMP please describe PG&E's polycy concerning undergrounding of accomaly distribution lines (as opposed to primary lines) and the removal of poles on which secondary lines are attached. To the eathert that this determination variate by project, lease describe the rolefast that PG&E uses to describe there PG&E undersmunds, secondary latens in a rulen location. For the distribution circuits on which PG&E plans (PG&E) plans that plans the provide the PG&E undersmunds, secondary latens in a rulen location.	Please see response to TURN_005-Q004, which includes our policy as it relates to secondary distribution lines.	Tom Long	4/13/2023	4/19/2023	4/19/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_005.zip	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
193	TURN	005	TURN_005	6	TURN_005_Q6	to Rebuild undergrounding) as that term is used in PG&E's WMP (see, e.g., Table PG&E's 12-2 on page 347), please provide PG&E's best estimate of the percentage of existing poles in the affected risk (include poles surveited primary lines, reacchary lines, and random lint will	PG&E does not currently track the existing poles that will be removed by undergrounded circuits. The analysis would require manual review at the individual project level and would include: - Determining the poles that are to be removed - Determining the poles that will be topped - Determining the poles that will be topped	Tom Long	4/13/2023	4/19/2023	4/19/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_005.zip	o	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
194	TURN	005	TURN_005	7	TURN_005_Q7	An amound as a small of the advanced Solven Markenina understanding and the solution of the so	 Determinent de coles dat aux isrát, caread actu all remais after understrandor. Based on subject matter expertise and a sample of completed projects, the estimated overhead to undergrounding conversion rate is 125 miles of underground line installed for every 1 mile of overhead primary line removed. Our target undergrounding miles for 2023-2026 is 2:100 miles. Uaing the estimated conversion rate, the overhead primary miles removed is projected to be encrymatively. 1640 miles. 	Tom Long	4/13/2023	4/19/2023	4/19/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_005.zip	0	N/A.	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
195	TURN	005	TURN_005	8	TURN_005_Q8	b) Exc. The forces arounded is assessment in using at 2 ⁻¹ , elinean accords an astimuted heraldroand. Bit With respect to broads for 2023 2023 bits to column for Statmards State Councy Rebuild at 2 ⁻¹ and 2 ⁻¹ at 2 ¹ at 2 ¹ at 2 ¹ at 2 ⁻¹ at 2 ¹ at 2 ¹ at 2 ¹ at 2 ¹ a	servicinationski. 1.680 miller. a. A described nor GRO1; the estimated overhead bundergrounding conversion rate in threap Bath Recall area is 1.57 miller of underground line installed for every 1 miller of overhead primary 2023) and tool lengraphy. Cas canned estimate cell thread estimates and the conversion of t	Tom Long	4/13/2023	4/19/2023	4/19/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_005.zip	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
196	CalPA	Set WMP-16	CalPA_Set WMP- 16	1	CaIPA_Set WMP-16_Q1	a) Please explain PG&E's operating procedure for operating a SCADA UG switch to energize and de-energize a circuit or circuit segment. b) Please provide PG&E's written procedures or other documentation related to your response to	declaration. a) For distribution operations operating procedures, SCADA UG switch when de energizing is an open command in RT SCADA with load read on SCADA devices before and after de-energizing.	Holly Wehrman	4/18/2023	4/21/2023	4/21/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 016.zip	2	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment
197	CalPA	Set WMP-16	CalPA_Set WMP- 16	2	CaIPA_Set WMP-16_Q2	net (a) Regarding PG&E's Load Break Elbows: a) Please explain PG&E's operating procedure for operating a load break elbow in a vault to energize or dre-energize a circuit or circuit segment. b) Please provide PG&E's written procedures or other documentation related to your response to over (a).	Encrotion with a SCAIAL (10 switch will have source side contentine device necketion mix rat The confidential activationments are being provided pursuant to the accompanying confidentiality declaration. a) For distribution operating procedures, if de-nergizing or energizing from Load break ebows that are not protected by fuses on the source side, then neckang a relix is first out or to weithed not on the accome. Also contents devices are all are accounted to weithed not into the original formation and the source side.	Holly Wehrman	4/18/2023	4/21/2023	4/21/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 016.zip	0	N/A	8.1.2.10.3	Grid Design and System Hardening	Motor Switch Operator Switch Replacement
198	CalPA	Set WMP-16	CalPA_Set WMP- 16	3	CaIPA_Set WMP-16_Q3	net (a) Regarding PG&E's Junction Boxes: a) Please explain in detail PG&E's operating procedure for operating a junction box in a vault to energize or de-energize a circuit or circuit segment. b) Please provide PG&E's written procedures or other documentation related to your response to end (a).	and re-autified cate out on the accurse side protecting device as wall as provided particular to the The confidential attachments are being provided pursuant to the accompanying confidentiality declaration. a) For distribution operations operating procedures, junction boxes my contain either Load Break eboxes or dead break eboxes. For Load break operations, see the responses to question 2 of this who results are accurate a section of the procedures.	Holly Wehrman	4/18/2023	4/21/2023	4/21/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfires-mitigation- plan/reference-docs/2023/CalAdvocates_016.zip	0	N/A	8.1.2.10	Grid Design and System Hardening	Other Grid Topology Improvements to Minimize Risk of Ignitions
199	CalPA	Set WMP-16	CalPA_Set WMP- 16	4	CaIPA_Set WMP-16_Q4	I not LiAL. Please optiain PG&E's selection criteria for where to install the following equipment on underground circuits: a) SCADA UG switches b) Junction boxes c) Load break ethnols	that answet set. Thereaf Resid schemes canced he used has recentrar or de-answets as first accenteal 3 SCADA underground watthches are spically only installed at mailine intersections. The 3-way SCADA substitution in these up to be positions enabled with SCADA due to the space constraints on the loss of a the four-backmoning, a constraints of the state of the spice of the state of the the loss of the state of the SCADA state to the state of the SCADA state to the state of the	Holy Wehrman	4/18/2023	4/21/2023	4/21/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 016.zip	0	N/A	8.1.2	Grid Design and System Hardening	Other Grid Topology Improvements to Minimize Risk of Ignitions
200	CalPA	Set WMP-16	CalPA_Set WMP- 16	5	CaIPA_Set WMP-16_Q5	a) Pad-mounted transformers	transformers are need. See the response to subpart b for when a pad-mount may not be used in favor of a subsurface transformers (For residential customers, we prefer to install pad-mounted transformers in the cheat franchise accement or cital of usuar for multiple customers or on	Holly Wehrman	4/18/2023	4/21/2023	4/21/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_016.zip	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment
201	CalPA	Set WMP-16	CalPA_Set WMP- 16	6	CaIPA_Set WMP-16_Q6	or Josowinec anatomica a statomica projects that PG&E has planned for 2023, please answer the following questions on each project: a) How many SCADA underground switches will be installed? b) How many OxADA underground switches will be removed? c) How many ice witches has all be removed?	In a cationaria reported to a sciola service. En concensional actionaria, the professiona is the PGAE dejects bits request as a vortice and undary burners. The profession is the requested information in a manner that allows it to be aggregated without a manual review of each project's engineering and construction documentation. Namually collecting the data across thundreds of projects would require algorithms then a directs and resources and the direction multitie processes to neuron data accounce. Just would the to discuss hits the direction of the data across thundreds of projects would require algorithms and resources and the direction of multitie processes to neuron data accounce. Just would the to discuss hits the direction of the data across thus and the second	Holy Wehrman	4/18/2023	4/21/2023	4/21/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_016.zip	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment
201	CalPA	Set WMP-16	CalPA_Set WMP- 16	6 SUPP	CaIPA_Set WMP-16_Q6 SUPP	c) How many Like watchess. In addressed circuits currently weights for each of the undergrounding project has the PG&E has planned for 2023, please answer the following questions on each project: a) How many SCAM, underground passion, then will be installed? a) How many SCAM, underground passion, the money of a How many Like addressed in a state of the PG&E has planned for 2024, please answer the For each of the undergrounding projects the PG&E has planned for 2024, please answer the for each of the undergrounding projects the PG&E has planned for 2024, please answer the	The demonstration of molecurrenews to person data screams. If any work like is deformed the PAGE clocks to the trengents as overhead and undally burdenews. We do not marinaria the requested information in a manner that allows it to be aggregated without a manual review of each opports' engineering and construction documentations. Manner and the screams are collecting the data across hundreds of projects would require significant time and resources and the RES decounter of the links more more than concurrent clocks and collecting the data across hundreds of projects would require significant time and resources and the RES decounter of the links more more than concurrent clocks and the RES decounter of the links more more than concurrent clocks and the RES decounter of the links more more than the more clocks and the RES decounter of the links more more than across the links of the	Holy Wehrman	4/18/2023	5/2/2023	5/1/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_016.zip	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment
202	CalPA	Set WMP-16	CalPA_Set WMP- 16	7	CaIPA_Set WMP-16_Q7	For each of the undergrounding projects that PG&E has planned for 2024, please answer the following questions on each project: a) How many SCADA underground switches will be installed in each circuit. b) How many owned a witches will be removed? c) How many owned a witches will be removed? c) How many owned a witches will be removed?	PG&E objects to this request as overbroad and unduly burdensome. We do not maintain the requested information in a manner that allow it to be aggregated without a manual review of each project's engineering and construction documentation. Manualy collecting the data across hundred on projects would regular elaydificant time and resources and the deutosement of meltion excesses to searce active across the a). The excesses median, minimum and maximum age of poles. (In years) replaced in 2020, 2021.	Holly Wehrman	4/18/2023	4/21/2023	4/21/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 016.zip	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment
203	CalPA	Set WMP-16	CalPA_Set WMP- 16	8		Page 352 of PG&E's WMP states, "Pole replacement and reinforcement reduce outage likelihooc which decreases the chances of the area being impacted in future PSPS events. These programs also support public and employee safety because they improve the overall health of the distribution.	and 2022 are as follows: 2020 2021	Holly Wehrman	4/18/2023	5/5/2023	5/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_016.zip	0	N/A	8.1.2.3	Grid Design and System Hardening	Distribution Pole Replacements and Reinforcements
204	CalPA	Set WMP-16	CalPA_Set WMP- 16	9	CaIPA_Set WMP-16_Q9	notes * 8.12.10-Other Grid Topology Improvements to Minimize Risk of lightfons 8.12.10-1 Jonand Conductor Detection Devices Pg374-373 of PG26E VIMP states, Tinstalation of DCD on existing, new, and retrofitted recises controllers is expected to reduce the number of ignitions due to high impedance line-to-ground faults be unick detection and nearemention the fault available. It the number of institution on its PESS	2022 a) While EPSS has proven to be highly effective in lowering the incident energy during traditional faults and associated potential ignitions, reliable detection, and de energization of high impedance fault conditions continues to be a gap that we are working to blocks. As part of EPSS, we deployed an expansive use of low set, non directional ground fault overcurrent protection, commodur enferrent has a Senative Ground Eault Storg (havin a fault effort	Holly Wehrman	4/18/2023	4/21/2023	4/21/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_016.zip	0	N/A	8.1.2.10	Grid Design and System Hardening	Other Grid Topology Improvements to Minimize Risk of Ignitions
205	CalPA	Set WMP-16	CalPA_Set WMP- 16	10	CalPA_Set WMP- 16_Q10		we deployed an expansion use of low set, nor directional ground flad overcurrent protocion, promotivi inference is a sectionic for core of last COSL is and its fractional protocion. Plasses see VIMBE based on the control of the control of low of l	Holly Wehrman	4/18/2023	4/21/2023	4/21/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_016.zip	1	N/A	QDR	N/A	N/A
206	CalPA	Set WMP-16	CalPA_Set WMP- 16	11	CalPA_Set WMP- 16_Q11	Regarding PG&E's Average Peak Load for UG Projects. For the purposes of this question, if any portion of a circuit was or will be undergrounded as part of an OH to UG conversion project, the circuit should be included: a) Provide the average peak load to circuit ampacity in percent from 2017 to 2019 for the circuits with OH to ILC conversion completed in 2027.	Please see "WMP-Discovery2023_DR_Cal4Avocates_016-0011Ahd71 stor for the requested information. The adhamment includes a segnata work/new for each subsection to this response and is labeled according/ (a, b, c, etc.). Please note that the circuits included in this response for planned work (relevant to subsections of and is labeled according in the circuits included in this response for planned work (relevant to subsections of and is abated on the understanding according a scheduler to the 2023-2023 WMP/based on our During the demonstration project, we reviewed primary distribution equipment instation raisports.	Holly Wehrman	4/18/2023	4/26/2023	4/26/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_016.zip	1	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment
207	MGRA	Data Request No. 2	MGRA_Data Request No. 2	1	MGRA_Data Request No 2_Q1	With regard to PG&E's response to CaPA, Set WWP-11_01+:PG&E states that one of the significant charges to the grid required for REFCL is "The replacement of old, direct bury underground cable". Please explain the incompability of "old, direct bury underground cable" with REFCL. With regard to PG&E's response to CaPA_Set WWP-11_01+:PG&E states that one of the	Luing the demonstration project, we reviewe primary astrictution equipment insulation raings. During REFCL operation, Inte-objection valobiage increases by 1.7 times, so the equipment must be able to withstand this increased voltage. A long run of old (1970 built), direct bury underground cable was identified during the review. The cable was tested for concentric neutral resistance and tan delta. The cable sections that one shows the state and waid. Direct bury of underground cable, maning blying the cable sections, and there has no limit of the relation of the resistance and tan delta. The cable sections of the relative sections of	Joseph Mitchell	4/20/2023	4/25/2023	4/25/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_002.zip	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
208	MGRA	Data Request No. 2	MGRA_Data Request No. 2	2	MGRA_Data Request No 2_Q2	significant changes to the grid required for REFCL is "The replacement of old, direct bury underground cable": Does PG&E have any recently undergrounded segments that are also "direct bury"?	Direct copy of the ground caller, meaning aping are caller directly in a circle entrol in the instead conduit, is not a chandrad, approved design for our underground electric distribution system at this point in time. As such, no, we have not recently undergrounded any electric distribution segments and crec tary. The direct bury underground cable design for our under the incompatible with REFC1. However, many direct harv underground cable design for which are the incompatible with REFC1.	Joseph Mitchell	4/20/2023	4/25/2023	4/25/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_002.zip	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
209	MGRA	Data Request No. 2	MGRA_Data Request No. 2	3	MGRA_Data Request No 2_Q3	If so workd these to incorrorative with BEEC1 2 With regard to PGAEs response to CAPA, Set WUP-11_Q14: PGAE states that one of the significant changes to the grid required for REFCL is "The replacement of old, direct bury underground cable": Does PGAE's future undergrounding plans include "direct bury" and if so would that make these somemetris incorrorative with REFC.	No, PG&E's undergrounding plans include cable in conduit with standard voltage ratings exceeding REFCL operating voltage.	Joseph Mitchell	4/20/2023	4/25/2023	4/25/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/MGRA_002.aip	0	N/A	8.1.8.1.3.1	Grid Operations and Procedures	Rapid Earth Fault Current Limiter
210	MGRA	Data Request No. 2	MGRA_Data Request No. 2	4	MGRA_Data Request No 2_Q4	Please provide non-confidential versions of the following documents: WMP- Discovery/2023_DR_OEIS_001-Q007Atch02CONF.pdf	Please see "WMP-Discovery2023_DR_OEIS_001-Q007Atch02_Reducted.pdl."	Joseph Mitchell	4/20/2023	4/25/2023	4/25/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_002.zip	1	N/A	Appendix B	Supporting Documentation for Risk Methodology and Assessment Definitions	Detailed Model Documentation
211	MGRA	Data Request No. 2	MGRA_Data Request No. 2	5	MGRA_Data Request No 2_Q5	Please provide non-confidential versions of the following documents: WIMP- Discovery2023_DR_DEIS_001-Q007Atch03CONF.pdf	Please see "WMP-Discovery2023_DR_OEIS_001-Q007Atch03_Reducted.pdf."	Joseph Mitchell	4/20/2023	4/25/2023	4/25/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_002.zip	1	N/A.	Appendix B	Supporting Documentation for Risk Methodology and Assessment Definitions	Detailed Model Documentation
212	MGRA	Data Request No. 2	MGRA_Data Request No. 2	6	MGRA_Data Request No 2_Q6	Please provide non-confidential versions of the following documents: WMP- Discovery2023_DR_0EIS_001-Q007Atch04CONF.pdf	Please see "WMP-Discovery2023_DR_OEIS_001-Q007Atch04_Redacted.pdl."	Joseph Mitchell	4/20/2023	4/25/2023	4/25/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_002.pj	1	N/A	Appendix B	Supporting Documentation for Risk Methodology and Assessment Definitions	Detailed Model Documentation
213	MGRA	Data Request No. 2	MGRA_Data Request No. 2	7	MGRA_Data Request No 2_Q7	Please provide a GIS file of 2022 outages occurring on circuits where EPSS was enabled.	The method of providing a geospatial file with the location of 2022 outages on EPSS enabled circuits would require the disclosure of device location and therefore the geospatial representation of outage location that would be provided in this response to this data request movies the identification of Critical Energy Intrastructure Information (CEII), which we are required by law to maintain as a conditional and cannot crock as white after answering to any consisting on a conditional to critical the energy integration and the energy of the	Joseph Mitchell	4/20/2023	4/25/2023	4/25/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_002.zip	0	N/A	8.1.8.1.1	Grid Operations and Procedures	Protective Equipment and Device Settings
214	MGRA	Data Request No. 2	MGRA_Data Request No. 2	8	MGRA_Data Request No 2_Q8	Please provide a GIS file of 2022 ignitions occurring on circuits where EPSS was enabled.	Please see "WMP-Discovery2023_DR_MGRA_002-Q008Atch01.kmz." CPUC General Order 165 Standard 1A. Internal Coordination. requires California electric utilities	Joseph Mitchell	4/20/2023	4/25/2023	4/25/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_002.zip	1	N/A	8.1.8.1.1	Grid Operations and Procedures	Protective Equipment and Device Settings
215	OEIS	003	OEIS_003	1	OEIS_003_Q1	Kegatrag Acoustes that Exceed GU 160 On page 624, PG&E states it is currently working with internal and external stakeholders, includin GalDES, to develop and implement activities that exceed compliance requirements in CPUC <i>Gaussi Torket (IGN)</i> 465, Standards for Describen, Baldable, and Salar, Turino Examination Regarding Emrogency Preparedness Plans Beyond Stated Objectives	to provide as part of their emergency plans a description of internal coordination functions how they gather, process, and disseminate information within their service areas, set priorities, allocate resources, and coordinate activities to restore service. GO (66) Standard 1D, External and Consument Coordination, reactings California altertic relities is obtened and their and and constant of their service and the service service.	Colin Lang	4/21/2023	4/26/2023	4/26/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/DEIS 003.zip	0	N/A	8.4.1.1	Emergency Preparedness	Objectives
216	OEIS	003	OEIS_003	2	OEIS_003_Q2	Regarding Emergency Preparedness Plans Beyond Stated Objectives On page 624, PG&E states that there are, "current plans for wildfire-related activities beyond the objectives in Take 6-33 and Take 6-34." a. List and describe the "fares." beamed the objectives." Regarding AMP - Action Reports	a. The table below provides our current plans beyond the objectives in Table 8-33 and Table 8-34 do uWMP Opensecurity VERC CP-030 compliance), EMER-3102M - Denater Rebuild, EMER-3102M - Denater Rebuild, EMER-3102M The confidential allachments are being provided pursuant to the accompanying confidentiality declaration.	Colin Lang	4/21/2023	4/26/2023	4/26/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS_003.zip	0	N/A	8.4.1.1	Emergency Preparedness	Objectives
217	OEIS	003	OEIS_003	3	OEIS_003_Q3	a Provide After Action Reports (or similar port-event reports) for each wildline related emergency	Ine company assumements are every provised pursuant to the accompanying contenenary We interpret while n-tables deregraphy on subtleve version for which or Energency Operations Center was activated Plazar reference VMMP Decomp/2023, DR, OES, 003- Contrabation Control for the Addres Andres Reserved Free Addresses and a POSE evaluates the scope of the wildfine emergency and partners with Community Blased Organizations (CBO) to activate service based on the wildfine colourist and estimated customer	Colin Lang	4/21/2023	4/26/2023	4/26/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/OEIS_003-pp	4	N/A	8.4	Emergency Preparedness	N/A
218	OEIS	003	OEIS_003	4	OEIS_003_Q4	a. How does PG&E support Medical Baseline (MBL) customers during wildline emergencies?	Constructions 18 subjects the function tending bits just pair has been called a subject to the subject to th	Colin Lang	4/21/2023	4/26/2023	4/26/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/0EIS_003.zip https://www.pee.com/come_global/common/odfs/	0	N/A	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 sent in 2021 and 2022 regarding emergency operations and any reports analyzing those surveys' results. Regarding PG28: Areas of Concern	effectiveness and general customer awareness of PSPS: + 2021 PSPS Pre-season Questionnaire and Executive Summaries; + 2021 PSPS Post-Season Questionnaire and Executive Summaries;	Colin Lang	4/21/2023	4/26/2023	4/26/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS 003.zip	1	N/A	8.4.4	Emergency Preparedness	Public Emergency Communication Strategy
220	OEIS	003	OEIS_003	6	OEIS_003_Q6	Regarding Huae 5 Areas or Concern a. Provide a GIS layer of PG&E's Areas of Concern (AOC) with the following attributes for each AOC polygon: I share of the AOC	a. Peaker interfere "WMUlscovery/2022_UP, Olss Quotuduttur) saix an "WM Discovery/2023_RO_EDE 0.03-000Kh/db2 zpi The requested information. Specifically for Overall UBIN Risk, Ignition Risk, and PSPS Risk, these are typically presented in terms of circuit segments or circuit production zones. The Ad/C polygores to not always align with CPP2 segments so circuit segments can be nartially included or completely included.	Colin Lang	4/21/2023	4/28/2023	4/28/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS_003.zip	3	N/A	8.2	Vegetation Management and Inspections	N/A

					Regarding Focused Tree Inspections											
221	OEIS	003 OEIS_003	7	OEIS_003_Q7	Negationg - occused i itee impectors a. During the decision process to discontinue use of the Tree Assessment Tool (TAT) and adopt the ISA's Basic - Relix Assessment Form (ISA form), dd PGAE consider incorporating elements from the ISA's form into the TAT? b. Is PGAE conducting a distal incord of each banetis.	1 Yee, as gord of exempt practices, we considered enhancing the TAT by incorporating additional seturents of the Sich Form 1.2022. Is 44 bits time, the TRAD form will not be digitated for the Focused Tree trapection Program (FT), its its current given that FTI hypectorus will be performed by 100% TRAD certified advecting and the TRAD form will be used as a guide. CV we will utilize the TRAD form the train statestament which considers local weather CV we will utilize the TRAD form the train statestament which considers local weather in the TRAD form will be used as a guide.	Colin Lang	4/21/2023	4/27/2023	4/27/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/DEIS_003.zip	1	N/A	8.2	Vegetation Management and Inspections	N/A
222	OEIS	003 OEIS_003	8	OEIS_003_Q8	Negarang Continential searcholer Usata Requests a. Provide PG&E's confidential responses and attachments to the following Data Requests: I. VMM-Discovery2023. CalAdvocates_005.0007 Regarding PG&E Asset Inspection Program	The combinemal maternal is being provides pursuant to the accompanying combinemarry declaration. Please see requested attachments: UMMP-Discourg/2023 DR Calidvocates 002-0001 pdf UMMP-Discourg/2023 DR Calidvocates 002-0001 pdf UMMP-Discourg/2023 DR Calidvocates 002-0001 pdf DH E CONFIDENTIAL IMTERNAL IS BEING RPOVIDED PURSUMPT TO THE	Colin Lang	4/21/2023	4/26/2023	4/26/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS_003.ip	0	N/A	7	Wildfire Mitigation Strategy Development	N/A
223	OEIS	003 OEIS_003	9	OEIS_003_Q9	a. Provide the inspection checklists used for both PG&E's patrols and detailed inspections. If PG&E tailors its inspections requires to inspect wilding into reactify tame, identify which	ACCOMPANYING CONFIDENTIALITY DECLARATION. Distribution Inspection Program Distribution Inspection Program Distribution Inspection Program	Colin Lang	4/21/2023	4/26/2023	4/26/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS_003.ip	5	N/A	8.1.3	Asset Inspections	N/A
224	OEIS	003 OEIS_003	10	OEIS_003_Q10	Regarding PGAE's Asset Inventory a. Provide a list of a floks that PGAE's asset inventory captures (i.e. equipment, equipment type, age, instalation date). b. Provide a list of all lipso of equipment capture of date? Sasset inventory. b. Provide a list of all lipso of equipment capture of date? Sasset inventory. Regarding PGAE's Response to P-VIMP_2023.PGAE-002-QD?	userchino checklet uned ho zur detaileid alstela fan inzerchino. Basen ente that no checklet is As outlied in Section 8.1.6 Asset Management and Impection Enterprised System(s) of PG&E's 2023-2025 WMP, PG&E uses several asset inventory databases. Geographic Information System (GIS) is the primary system of record for electric asset inventivy (Asset Registry), spatial location, electrical connectivity,	Colin Lang	4/21/2023	5/10/2023	5/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS_003.ip	2	N/A	8.1.5	Asset Management and Inspection Enterprise System(s)	N/A
225	OEIS	003 OEIS_003	11	OEIS_003_Q11	L chronica à intérnetione en variant 1 cube, a marcine construction dans de association aux auxons Regarding PGAS espectrates Dr. VMMP_20223 PGAS Cardo Ca. 2017 a. PGAS E states that a Critical Mitribute is defined as "a condition that could lead to either an ignition point or we down situation that could read in a posterial file rightical. Provide al supporting documentation for smootheres PGAS unes to determine whether somethies is a Critica Regarding PGAS espectrate Dr. VMMP_2023-PGAS Card. 2019.	The attrivue rate and acceler benerity rate is developed work in it.e. deposited that are an 1.6° detailed on a contral attribute is any appearing that developed as condition that could lead to either an ignition point or wire down situation that could read in a potential for ignition. The determination of includa attribute was considerable and on decousing with multiple stakeholders.RME-is from Asset Statew. Standards and Statem Issoenfarely and the conditional matterial is being provided paramet to be accompanying confidentially	Colin Lang	4/21/2023	4/26/2023	4/26/2023	https://www.pge.com/pge_global/common/pdfs/ https://www.pge.com/pge_global/common/pdfs/ afety/emergency-preparedness/natural: disater/wildfires/wildfire-mitigation: plan/reference-docs/2023/0EIS 003.zip	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-2221 Asset Inspections Quality Assurance and Quality Control ACI PG&E-2208 Better Applicatio
226	OEIS	003 OEIS_003	12	OEIS_003_Q12	a DORE states that it is still performing targeted againment repairs relating to EDSS. Is this a	a (0.0) (0) EPSS targeted equipment receive are incorporated into the Open Work Orders Tag	Colin Lang	4/21/2023	4/26/2023	4/26/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	1	N/A	Appendix D	Areas for Continued Improvement	of Specific Lessons Learned from ACI PG&E-22-32 – Updates on EPSS Reliability Study
227	OEIS	003 OEIS_003	13	OEIS_003_Q13	 Description and rencontraces in which PGAE inset. In decide where and where II will renform EPSS Regarding PGAE is Response to PCNMP_2022-PGAE-002-008 Provide all Erhanced ignition analysis (EUA) reports completed for instances in which the qualifier was an EPSS protected facility. A Provide all Enhanced ignition malysis (EUA) reports completed for instances in which the qualifier was an EPSS protected facility. 	or you not described in Section 8.1.7 of the WMP. EPSS targeted equipment repairs can be been been as the care of EA workshows to the care of EA workshows the care of the extension. The confidential attachments are being provided pursuant to the accompanying confidentially declaration. In response to Question 8 of Emergy Safety's Second Data Request, subpart (d), PG&E provided a lat of printions that were evaluated partially evaluated in the Enhanced gription Analysis (EIA).	Colin Lang	4/21/2023	4/26/2023	4/26/2023	plan/reference-docs/2023/OEIS 003.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	1	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-2208 Better Applicatio of Specific Lessons Learned from Utility-Caused Fires
228	OEIS	003 OEIS_003	14	OEIS_003_Q14	Regarding PG&E's Fault Ramer Replacements a. Provide the numbers of fault tamers PG&E has replaced by year since 2020. b. Provide PG&E's targets for fault tamer replacements in 2023 and 2024, as applicable. c. Provide the number of fault tamer devices within PG&E's HFTD.	a site of injection train user exclusionsparation variables in the protocolog spinitor Analysis (c.u.), We interport "registero" in mean a processive changing of an in-avector fail atture that the blat that not failed or operated normally due to a task. In ally 2021, in response to our 2020 causal measurement of a spinitor that there failures on publiced a solution that registers infolmed and the spinitor of a spinitor task and the spinitor of a spinitor of a solution that cause the spinitor of a spinitor of a spinitor of a spinitor of a spinitor of a solution of a spinitor of a spinitor of a spinitor Was readened tasks at assess bandiona, associated with more than spinitorial approximation to 2 2023. The WORM of a spinitor of a spinitor of a spinitor of a spinitorial approximation of a 2 2023.	Colin Lang	4/21/2023	4/26/2023	4/26/2023	plan/reterence-docs/2023/OEIS 003.iip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	N/A	N/A	N/A
229	OEIS	003 OEIS_003	15	OEIS_003_Q15	Regarding PG&E's V4 of its Wildfire Distribution Risk Model (WDRM) a. What is PG&E's status for review and approval of V4? b. When does PG&E intend to use V4 output to influence its undergrounding plan? Include	approval in Q2 2023. Beyond the response provided to ACI PG&E-22-34, the impact to the undergranging program. I a board will be availed and which want it will be used to not be	Colin Lang	4/21/2023	4/26/2023	4/26/2023	plan/reference-docs/2023/OEIS 003.zlp https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	6.2.1	Risk Methodology and Assessment	Risk and Risk Component Identification
230	OEIS	003 OEIS_003	16	OEIS_003_Q16	discussion on details of brow this may affect DRAFs undersmunding plan Regarding PG&E's response to OEIS Data Request 2 Question 5 Attachment 1 a. How did PG&E determine a mitigation effectiveness of 11.8% for down conductor detection (OCD)?	To any program to program to the second seco	Colin Lang	4/21/2023	4/26/2023	4/26/2023	plan/reference-docs/2023/OEIS_003.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.2.10	Grid Design and System Hardening	Downed Conductor Detection Devices
231	OEIS	003 OEIS_003	17	OEIS_003_Q17	b. In Table 8.4. BCAE has included 2023. 2024 and 2025 tarrests for DCD. Additionally in Regarding undefined terms in 8.4.6 PGAE discusses red tagged customers, "Impacted" communities, and "Impacted" customers (including cities, counties, and theal governments) in Section 8.4.6, however, definitions of such (including cities, counties, and theal governments) in Section 8.4.6, however, definitions of such	name anyot network. That reviews considered the faith characteristics relation to DCD's ability. In Red Tag: For natural disasters, including wildlings, in which the Governor POTUS declares a State of Emergency, the official definition comes from 0.19.07.010 (page 16) * when a disaster(s) has resulted in the destruction or damage of a structure, such that utility service is disrupted voluntarily or involutarity due to safety concerns or reconstruction activities to address	Colin Lang	4/21/2023	4/26/2023	4/26/2023	plan/reference-docs/2023/OEIS 003.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.4.6	Emergency Preparedness	Customer Support in Wildfire and PSPS Emergencies
232	CalPA	Set WMP-17 CalPA_Set WM	(P- 1	CalPA_Set WMP-17_Q1	GBEGIN CONFIDENTIAL>> Table 1 – Projects not pursued for Undergrounding in first 2100 miles	The second when versional or that a machinator all an absorbable all and approximate the second and a second	Matthew Taul	4/21/2023	4/28/2023	4/28/2023	plan/reference-docs/2023/OEIS 003.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-wildgire-mitigation:	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
233	CalPA	Set WMP-17 CalPA_Set WM	(P. 2	CaIPA_Set WMP-17_Q2	PG&Fs WDRM VX ranks circuit contention zones (CPZs) based on risk measured across 12 risk In general, identify all the factors PG&E considers when deciding that a CPZ with a large average risk profile or large total risk in WDRM V3 should not be prioritized in PG&E's 2023 WMP project selection.	WMB_Discovene2023_DBCalifizherates_012_OOMICCONE_Page 3. We are selecting locations in 2022 and 2023 based on the Wildfre Feasibility Effectiveness (WFE) analysis, for operational efficiency, individual Circuit Protection Zones (CPZs) were burdled toopher for protect feations and derive	Matthew Taul	4/21/2023	4/28/2023	4/28/2023	plan/reference-docs/2023/CalAdvocates 017.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation-	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
234	CalPA	Set WMP-17 CalPA_Set WM	tP- 3	CalPA_Set WMP-17_Q3	<8EGIN CONFIDENTIAL>> In Table 2 above, select CPZs that PG&E has decided to pursue Undergrounding in its first 2100 miles of UG projectifs are compared by: - Committee in the score for the CPZ bu/MBN V3.	Once hundled together with adjacent CPZs that are also identified for targeted undergrounding, the a) Upon review, we respectfully find that the CPZ mileages presented in Table 2 are incorrect. As a send of the mileage presented in Table to Constant Optimizing and incorrect and a send of the mileage presented in the CPZ mileages are recorded and the mileages are incorrect.	Matthew Taul	4/21/2023	4/28/2023	4/28/2023	plan/reference-docs/2023/CalAdvocates 017.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
235	CalPA	Set WMP-17 CalPA_Set WM	(P- 4	CalPA_Set WMP-17_Q4	- Cumulative risk score for the CPZ in W/DRM V3. In general, identify all the factors PG&E considers when deciding that a CPZ with small total risk profiles and small average risk profiles in WDRM V3 should be prioritized in PG&E's 2023 WMP project selection.	(WFE) analysis, which tweraged WDRM V3 risk data, to prioritize for project selection. As part of the WFE analysis, for operational efficiency, individual Circuit Protection Zones (CPZs) were bundled together for project selection and design.	Matthew Taul	4/21/2023	4/28/2023	4/28/2023	plan/reference-docs/2023/CalAdvocates 017.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation-	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
236	TURN	006 TURN_006	1	TURN_006_Q1	1. Regarding the System Hardening Decision Tree provided as Attachment 3 to the response to TURN data request 5-1, please define the following acronyms used in the Decision Tree: a. PSS b. FSD	Crock budget to optimize the advance CP2X that are also identified for transfert underrorandine. The a PSS = Public Startly Speciality CPGE PSS team members with extensive, local wildline operations experience. Many had a previous career with CAL, FIRE or other fire agencies. b FSD = File Scoping Desktop Meeting, Meeting to scope potential undergrounding project sites held in office as opposed to in the field.	Tom Long	4/21/2023	4/26/2023	4/26/2023	plan/reference-docs/2023/calAdvocates 017.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
237	TURN	006 TURN_006	2	TURN_006_Q2	i.e. EASOP Regarding the System Hardening Decision Tree provided as Attachment 3 to the response to TURN data request 5-1 and discussed in that response: a. Does PG&E intend to use this Decision Tree for future projects during the 2023-2025 period for selecting which system hardening mitigation to usefor a given location?	a) No. The System Hardening Decision Tree was used to scope base system hardening projects in the workplan from 2023-2026 that were selected using the WDRM, version 2. Much of this work was initiated for scoping prior to the 10K UG program announcement in late 2021. This System Hardening Decision Tree is not and will not be used for newly scoed work.	Tom Long	4/21/2023	4/26/2023	4/26/2023	plan/reference-docs/2023/TURN_006.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
238	TURN	006 TURN_006	3	TURN_006_Q3	data request 5-1 and discussed in that response: a. Please provide a time range in months for each of the "Key Phases" listed in the box in the	IN MIA a) Circuit Segment Risk Ranking – The WDRM risk model is the first step in identifying the list of circuit segments where wildfer risk is the highest. This data is updated roughly on an annual basis. Circuit Selection Process – The inputs to the feasibility score, bundling methodology following the	Tom Long	4/21/2023	4/26/2023	4/26/2023	plan/reference-docs/2023/TURN_006.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disacter/wildfires/wildfire-mitigation-	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
239	TURN	006 TURN_006	4	TURN_006_Q4	Lover en course. 1 Sease anview in how DF3E failings the anoth "closes bits" so used in the test of the response to Regarding and the Behald Beclinin Tree provided as Attachment 2 to the response to TURN darrequist 5-1 and dacuased in that approximation of the Decision Tree: PNE EASOP OEC. DC: SG 1. Dese PG8E intend to use this Decision Tree for future file rebuild projects during the 2023.	previous year's instands sample, and meringhas are enclosed in parallel, but regular instage and a previous sector of the sector generation corrector to serve catheres on a radially de clock with no available field said generation tills (MA) tradicional in the sector of the sector of the sector of the sector of the generation of the (MA) tradicional in the sector of the sector of the sector of the sector of the generation of the (MA) tradicional in the sector of the sector of the sector of the sector of the prevention of the (MA) tradicional in the sector of the sector of the sector of the sector of the prevention of the (MA) the sector of the s	Tom Long	4/21/2023	4/26/2023	4/26/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TUBN_006.zjp	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
240	TURN	006 TURN_006	5	TURN_006_Q5	a. Gray services	 b) Tree-connected in this context, a service or secondary wire that is tied / connected directly to be a protocol of which 	Tom Long	4/21/2023	4/26/2023	4/26/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
241	TURN	006 TURN_006	6	TURN_006_Q6	b) Tee-contracts "Residuand" concerning. Regarding the response to TURN data request 5-6: a. Please explaint what is meant by the word "topped" in the phrase: "Determining the poles that will be topped." b. Is PG&E unable to offer even a rough approximation of the percentage of existing poles in the	support the remaining connections.	Tom Long	4/21/2023	4/26/2023	4/26/2023	plan/reference-docs/2023/TURN_006.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
242	TURN	007 TURN_007	1	TURN_007_Q1	Inflected distribution circuits includion ones sunorotion originant/lines. secondary.lines.and. 1. Regarding the 2023-2026 Undergrounding Workplan referenced on page 910 of the WMP (R1, and provided in Excel format in response to TURN Data Request 2-4: a. Please explain how, if at all, either or both of Simplified Wildline Risk Spend Efficiency (SWRSE) and Wildline Feasibility Efficiency (WFE) values (discussed on p. 986 of the WMP	Cr NO, Phose is not user to verify any optimization many is reaching accurate of the more than any optimization of the non-the model of the short of the short of the non-the model of the short of the short of the non-the model of the short of the short of the non-the short of the non-the short of the non-the short of the non-the short of the short of the non-the short of the short of the non-the short of the non-the non-the non-the short of the non-the	Tom Long	4/21/2023	4/26/2023	4/26/2023	plan/reference-docs/2023/TURN_006.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_007.zip	1	Yes	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
243	TURN	007 TURN_007	2	TURN_007_Q2	Regarding Table 7-2 in the WMP: a. TURN understands from Table 6-5 that the Overall Risk Score values in Table 7-2 are the sum of Total Ignition Risk Score and the Total PSPS Risk Score. Please explain how these input values to the Overall Risk Score column were calculated. Please include in the explanation the relevant	a. The Overall Risk Score is calculated by the calculated on the Wildline Risk and PSPS Risk scores to the overall Enterprise Risk Model in the form of Multi-Attribute Value Function (MAVF) units. This is shown in Section 7.2.2.2: (,,)+(,))	Tom Long	4/21/2023	4/26/2023	4/26/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	1	N/A	7.1.3	Wildlire Mitigation Strategy Development	Risk-Informed Prioritization
244	TURN	007 TURN_007	3	TURN_007_Q3	Institutement of an antion of 1 Regarding the System Hardening Workplan provided as Attachment 1 to the response to TURN data request 2.2 (which in turn asked for a response provided to Cal Advocates); a. The first tab in this Excel workbook is named "SH Workplan_2023-2026 Conff, which suggests that the response to Cal Advocates was taken from a document that also included the	<u>1. V17 807 477 467 414</u> <u>V17 807 477 414</u> <u>V17 807 487 417 417 417 417 417 417 417 417 417 41</u>	Tom Long	4/21/2023	4/27/2023	4/27/2023	plan/reference-docs/2023/TURN_007.zip https://www.ppe.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_007.zip	1	Yes	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
245	TURN	007 TURN_007	4	TURN_007_Q4	<u>years 2025 and 2026. Bease provide the most unductate vection of this workhook for the period</u> . Regarding Matchinent 2023-03-27, PGE 2023. WMP, R1 Section 6.4.2, Achd1, which is referenced on page 195, in, 77 of the WMP (R1): a. Please provide a version of this Excel workhook that includes the same information for all of PG&Es HFTD circuit segments, or as many of those segments for which PG&E has such	miler, researchash a) Please sea shachment WMP-Discovery2023_DR_TURN_007-Q002Atch1.sbb. Two additional columns N-O were added to his TopPisk. Table tab and the rows were extended to capture applicable circuit segments. Please note, line items outside of the top 5% ink circuit segments do not have same level of detailed review given the limited time to respond to this	Tom Long	4/21/2023	4/26/2023	4/26/2023	plan/reterence-docs/2023/TURN_007.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_007.zip	0	N/A	6.4.2	Risk Methodology and Assessment	Top Risk-Contributing Circuits/Segments
246	CaIPA	Set WMP-18 CalPA_Set WM 18	(P. 1	CaIPA_Set WMP-18_Q1	PG&E states in response to Question 1(a) of CalAdvocates-PGE-2023WIMP-15: Vegetation Management for Operational Mitigation (VMCM) will be primarily focused in HFTD and HFBA. There are instances where a circuit segment may cross in or or of HFTDHFFRA and	a. No, but the following clarifications are provided to better inform an accurate interpretation. Next of HFRA overlaps with HFTD as th HFRA refinements utilized HFTD as the base may for evaluating areas to add or remove based on identified risk, risk misidentification, or false-precision	Holly Wehrman	4/24/2023	4/27/2023	4/27/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.2.2.2.6	Vegetation Management and Inspections	Discontinued Programs
247	CaIPA	Set WMP-18 CalPA_Set WM 18	(P. 2	CaIPA_Set WMP-18_Q2	Please provide the following regarding the OneVM tool: a) Its ourpose(s)	associated with PT to contain es. Associated with PT to contain es. Associated associated with the providence parameters and the associated with the providence parameters with escapement systems into one. With increased integration between our databases and data, additional visibility of what work is being enformed at what times could be achieved to encode the risk of one-tanging program.	Holly Wehrman	4/24/2023	4/27/2023	4/27/2023	plan/reference-docs/2023/CalAdvocates 018.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-miligation- ian/reference-docs/2023/CalAdvocater_018.zip	0	N/A	8.2.2.2.4	Vegetation Management and Inspections	Tree Removal Inventory
248	CaIPA	Set WMP-18 CalPA_Set WM 18	(P. 3	CaIPA_Set WMP-18_Q3	where EPSS VM Outages took place." Please explain what "planned unit forecast" refers to in the above instance.	Induce notional of discuption to our customers, and enable better risk informed alterning and "Planned unit forecast" refers to an estimate of the number of trees that may be worked under the program. The work of forecast's is used because the exact number of trees is unknown until impection has occurred.	Holly Wehrman	4/24/2023	4/27/2023	4/27/2023	plan/reference-docs/2023/CalAdvocates 018.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-miligation- plan/reference-docs/2023/CalAdvocates 018.zip	0	N/A	8.2.2.2.4	Vegetation Management and Inspections	Tree Removal Inventory
249	CaIPA	Set WMP-18 CalPA_Set WM 18	tP- 4	CaIPA_Set WMP-18_Q4	Product states in its response to Question /(a) of Calvahorocates-Product/2023/WMM-1 to that its forecasted 9-year pace of work for its Tree Inventory Program Was provided for the first three years of the program with Intent to ramp up annual pace. 9 years is a starting point to plan the pace of work completion however, the lessons learned will inform the completion timing."	a) Nine years was selected as the starting point based on a realistically achievable average pace of approximately 33,000 trees removed per year (33,000 x 9 = 297,000) with the pace and duration of the program to be re-evaluated as needed based on the lessons hearned from the initial years of the program. As of August 29, 2022, when the Tree Removal Inventory (TRI)	Holly Wehrman	4/24/2023	4/27/2023	4/27/2023	pian/reference-docs/2023/Caladovocates 018.21p https://www.pee.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-miligation- plan/reference-docs/2023/Caladovocates 018.21p	0	N/A	8.2.2.2.4	Vegetation Management and Inspections	Tree Removal Inventory
250	CalPA	Set WMP-18 CalPA_Set WM	(P. 5	CaIPA_Set WMP-18_Q5	a Neesa extein voor reasoning for unter men wares as a "dettin onde" In response to geschikt onder Statistick onder Statistic	record was being formulated it was estimated that anonximately 350.000 trees whild remain at a-b) Year Number of Undergrounding Maler to ba	Holy Wehrman	4/24/2023	4/27/2023	4/27/2023	pian/reterence-docs/2023/caladvocates UI8.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitieation;	0	N/A	8.2.5.2	Vegetation Management and Inspections	Quality Control

250	CalPA	Set WMP-18	CalPA_Set WMP- 18	5 SUPP	, CaIPA_Set WMP-18_Q5 SUPP	In response to question 19(b)(iii) of Cal/Advocates-PGE-2023WMP-15, PG&E states: The difference (in projected vegetation management costs) of \$24,861,000 between 2023 and 2024 is due to several factors, its is to NP OS& Wita advicer with reduction; (1) Transitioning from EVM to three new programs; (2) reducing the amount of Routine VM work conducted each year representative with the amount of underscrunding miss correleted and (3) enduring in clock	a. The EVM program concluded in 2022 and would not contribute to a savings between 2023 and 2024. The reduction in Routine work and Second Patrol work, reduction in unit costs, and programmatic efficiencies are expected to contribute to the \$24M in savings that is shown in this table. Are prove new to the second patrol work of the second patrol and the second patrol an	Holly Wehrman	4/24/2023	4/28/2023	4/28/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_018.zip	0	N/A	8.2.5.2	Vegetation Management and Inspections	Quality Control
251	CalPA	Set WMP-18	CalPA_Set WMP- 18	6	CaIPA_Set WMP-18_Q6	commensurate with the annual of undercrounding miles completed, and (3) reduction unit costs in response to passion 116()(iii) of Cal4Acocastes-PC2-2023WM-F1-6(PAGE states: The difference (in projected vegetation management costs) of \$24,861,000 between 7203 and 2224 is due to several factors (3) reducing unit costs brough efficience over the rate case period through targeted programmatic adjustments that refine processes and improve resource efficiency.	ACT_ECST_ECST_ECST_ a) PG&E anticipates reducing costs on EVM Transitional, Routine, Tree Mortality, and VC pole clearing programs b) 1. The three BUM transitional programs are Meastation Measurement for Operational Mitination	Holy Wehrman	4/24/2023	4/27/2023	4/27/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.2.5.2	Vegetation Management and Inspections	Quality Control
252	CalPA	Set WMP-18	CalPA_Set WMP- 18	7	CalPA_Set WMP-18_Q7	Please provide the following information regarding actual and projected costs for each WMP initiative under Chapter 8.2 (Vegetation Management and Inspections). Each initiative should be a row in the table below.	figures reported in Table 11 based on information available at this time. Please note that due to the online of wavefallion management work the costs listed are all	Holly Wehrman	4/24/2023	4/27/2023	4/27/2023	plan/reference-docs/2023/CalAdvocates 018.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	0	N/A	8.2	Vegetation Management and Inspections	N/A
253	TURN	008	TURN_008	1	TURN_008_Q1	WMP Initiative Number Please provide PG&E's most recent calculation of RSEs for Undergrounding, by year from 2023- 2025, at the most granular level for which PG&E has computed them. For this question, "Undergrounding" refers to all programs that underground distribution lines for wildline mitigation purposes and/or fire rebuild purposes. Please provide the workpapers with the supporting inputs	Constitute Statements and an Careful Expendiques, alconnegation in the instrument body and a constant of the analysis of the instrument of the instrume	Tom Long	4/24/2023	4/27/2023	4/27/2023	plan/reference-docs/2023/CalAdvocates 018.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	2	N/A	7.2	Wildlire Mitigation Strategy Development	Risk Impact of Mitigation Initiatives
254	TURN	008	TURN_008	2	TURN_008_Q2	purpose and/or fire rebuilt proposes. Please provide the workpapers with the supporting inputs and calabitation of theme BSEs. Its: Excellentiation of the supporting inputs Please provide PGAE's most scener calculation of RSEs for Covered Conductor, by year from 2022-2023, at the support input which PGAE has compared them. Please sidentify all activities that PGAE includes in the calculation of RSEs for Covered Conductor. Please provide the workpapers with the supporting inputs and calculations for RSEs RSE includes: format.	2023-0205 shown in odd. +1121 12 Our most recent acaluation of RSEs for Covered Conductor is shared in our 2023 GRC Supplemental Flag in February 2022. The most granular level at which we calculated RSEs is the fee tranche level. This is summarized in latel.hment" WMP Discovery2023 DR. TURN, 0.84. fee tranche level. This is summarized in that hment" WMP Discovery2023 DR. TURN, 0.94. 000114/cb11". The RSE results are summarized in the 'RSE Results' tab with the RSE across	Tom Long	4/24/2023	4/27/2023	4/27/2023	plan/reference-docs/2023/TURN_008.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/TURN_008.zip	0	N/A	7.2.2	Wildlire Mitigation Strategy Development	Risk Impact of Mitigation Initiatives
255	TURN	008	TURN_008	3	TURN_008_Q3	Regarding the Undergrounding Decision Tree provided in response to Data Request 5-1, Alch 1, is there an error in the alternative responses to the question at the far right: "Will a route or project scope change mitigate impediments". If appears that the "Yes" and "No" alternatives should be filtigoet. If there is an error, please provide a corrected Decision Tree.	2022.2025 shown in celk: H111.111 The decision tree is correct as originally submitted.	Tom Long	4/24/2023	4/27/2023	4/27/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfire-mitgation- plan/reference-docs/2023/TURN_008.zip	0	NA	8.1.2	Grid Design and System Hardening	ALL
256	TURN	008	TURN_008	4	TURN_008_Q4	The first paragraph of the response to TURN data request 5-4 states that, historically, PG&E has observed more frequent ignitions and larger wildfires associated with the overhead primary distribution powerlines, compared to lower voltage secondary distribution lines, service connections and hich voltane transmission lines.	a. This statement was based on our CPUC reportable ignitions in High Fire Threat Districts (HFDb) across PG&E's service territory in 2019–2022. See Worksheet a of attachment WMP- Discovery/2023, DR, TURN, 006-0004Acbit Jasks. The detailed data by ignition can be found in worksheet entitled "Detail, CPUC HFTD 2015-2022". As shown in the table on Michael and the statement of the Idual (2017) and the statement with the table on Michael and the statement of the Idual (2017).	Tom Long	4/24/2023	4/27/2023	4/27/2023	http://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfire-mitgation- plan/reference-docs/2023/TURN_008.zip	1	N/A	8.1.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
257	TURN	008	TURN_008	5	TURN_008_Q5	a. Bease novide, in the Execution to the data on which this statement and based, and novide, in response to TURN DF 54, after statight plat PGEE to undergrounding secondary lines in most cases, PGEE states in the last paragraph. TWe will overhead remaining secondary and service 3 lines by replacing open-wire secondary, gray services, and teconnects with the current standard covered aehil conductor." (emphasis services) and teconnects with the current standard covered aehil conductor."	Worksheet a we observed '33. of 488. (-7%) another internet-installed invitions in HETDs associated a) In some cases, where secondary is service where are time with the primary being undergrounded, it loo will be undergrounded in the same trench: however, any secondary or achieve lanes that are "lateral" to be undergrounded primary will not be placed underground. Enterfore, the term "remaining" is meant to apply to howe lateral secondary or service lines that	Tom Long	4/24/2023	4/27/2023	4/27/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitgation- plan/reference-docs/2023/TURIN_008.zip	o	N/A	8.1.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
258	TURN	008	TURN_008	6	TURN_008_Q6	addeminute (Multip R0), p. 252, Jackes that "SCE has determined that lines with covered conductor Stars a 00% ink IN EPSF activitions: When a circuit (or Microsoftable circuits agreent) is all covered conductor, the de-energization threshold is increased to 40.58 mph (sustained wind/gata)." a Please removes an orbit activities or remorks in DRAE"s coveression that address whether lines. Thereas is 100° KT, amonghout among work if for an automativity increasing that address whether lines.	Interconce the minimum and the transmission apply in table uncertainty or shread here the mini- ter of the second second second second second second second second second second conductors experienced a reduction in PSPS activations. I. We have not preformed subsect on two resports to subgroup whether lines with covered conductors experienced a reduction in PSPS activations. I. We have not preformed subsect on two resports to subgroup with the range de energization thresholds shudd be changed for circuits (or portions thereof) with covered conductor. We commend/so do relates on advanced methods for circuits allowed conductors.	Tom Long	4/24/2023	4/27/2023	4/27/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-miltigation- plan/reference-docs/2023/TURN_008.zip	0	N/A	8.1.2.1 & 9	Grid Design and System Hardening & PSPS	Covered Conductor and PSPS
259	CalPA	Set WMP-19	CalPA_Set WMP- 19	1	CaIPA_Set WMP-19_Q1	Prease is in Code's expected average users in in or a given insulation on the rootwing technologies, a) DCD b) REFCL	a) DCD technology is provisioned on protective relay equipment. Expected useful file based upon similar technology obselescence, as well as asset health and lifecycle, is projected to be 20-30 years. b) REFCL expected useful life of the core components is estimated to be 30 years.	Holy Wehrman	4/25/2023	4/28/2023	4/28/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 019.zip	0	N/A	8.1	Grid Design, Operations, and Maintenance	Down Conductor Detection Devices Rapid Earth Fault Current Limiter
260	CalPA	Set WMP-19	CalPA_Set WMP- 19	2	CaIPA_Set WMP-19_Q2	a) In 2023, what is the average per-circul-mile cost that PGAE expects to incur for asset respection and maintenance for a covered conduct draftwidthom line installation in the HFTD? b) in 2023, what is the average per-circul-mile cost that PGAE expects to incur for asset impection and maintenance for an underground distribution line installed in the HFTD? c/l in 2023, what is the average per-circul-mile cost that PGAE expects to incur for asset and the transmission of the transmission of the HFTD? c/l in 2023, what is the average per-circul-mile cost that PGAE expects to incur for asset a) State the total costs that PGAE incurred in 2022 for asset negociation and maintenance on a) State the total costs that PGAE incurred in 2022 for asset negociations and maintenance on the transmission of the total costs that PGAE incurred in 2022 for asset negociations and maintenance on the transmission of the total costs that PGAE incurred in 2022 for asset negociations and maintenance on the total costs that PGAE incurred in 2022 for asset negociations and maintenance on the total costs that PGAE incurred in 2022 for asset negociations and the total costs and the total costs and the total costs and total costs and the total costs and total costs and the total costs and total costs	a) Conductor is inspected as part of our General Order (GO) 165 detailed ground inspections and patrois program. It is also inspected during infrared inspection. 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 HFDS in 2023 is conductor for 3 210 one curringline. recordies as whether the conductor lock for were of or in 2023 is conductor lock for a set of the conductor is of the set of the conductor is of the set of the	Holy Wehrman	4/25/2023	4/28/2023	4/28/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_019.zip	0	N/A	8.1.5	Asset Management and Inspection Enterprise System(s)	N/A
261	CalPA	Set WMP-19	CalPA_Set WMP- 19	3	CaIPA_Set WMP-19_Q3	a) State the bial costs that PG&E incurred in 2022 for asset inspections and maintenance on covered conductor distribution lines installed in the HFTD. b) State the bial number of circuit-miles of covened conductor distribution lines that PG&E had in the HFTD as of Jamasr 1; 2022. c) State the bial context the PG&E incurred in 2022 for asset inspections and maintenance on.	conductor. The cost that we expect to incur for distribution overhead associatingsections in HFTDs and the second	Holy Wehrman	4/25/2023	4/28/2023	4/28/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 019.zip	0	N/A	8.1.2	Grid Design, Operations, and Maintenance	Grid Design and System Hardening
261	CalPA	Set WMP-19	CalPA_Set WMP- 19	3SUPP	CaIPA_Set WMP- 19_Q3SUPP	a) State the biological has 8024E increased in 2002 for assest inspections and maintenance on a) State the biol costs has PGAE increased in 2002 for assest inspections and maintenance on covered conductor destribution lines installed in the HFTD. b) State the biol number of circularities of covered conductor distribution lines that PGAE had in the HFTD as of Janzary 1, 2022. c) State the biol has the HPGAE increased in 2022 for assest inspections, and maintenance on c). State the biol has the HPGAE increased in 2022 for assest inspections, and maintenance on c). State the biol has the HPGAE increased in 2022 for assest inspections, and maintenance on	PG&E is amending subparts b, d and f of our original response. Although there is not a specific attribute in (GS to sidinguish covered and bare conductors, we were able builts the conductor type codes to differentiate between covered and bare conductors. a) n022x, we pair S42 million for assel impedions and maintenance on distribution userband lines installed in the HETD. We do not differentiate nost. a) Based on 2019-2022 data, our coordingment maintenance or patientiate.	Holy Wehrman	4/25/2023	5/10/2023	5/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/CalAdvocates_019.zip	0	NA	8.1.2	Grid Design, Operations, and Maintenance	Grid Design and System Hardening
262	CalPA	Set WMP-19	CalPA_Set WMP- 19	4	CalPA_Set WMP-19_Q4	b) 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?	approximately 36,30U per mile. We expect to incur similar costs in JU23. Costs for vegetation management are not forecasts separately between HFTD and Non-HFTD. b) We do not separately forecast an average per-circuit mile cost incurred for vegetation management for an undercond distribution line instable in HFTD.	Holy Wehrman	4/25/2023	4/28/2023	4/28/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_019.zip	0	N/A	8.2	Vegetation Management and Inspections	N/A
263	CalPA	Set WMP-19	CalPA_Set WMP- 19	5	CaIPA_Set WMP-19_Q!	a) State the total costs that PG&E incurred in 2022 for vegetation management on overhead distribution lines in the HFTD. b) State the total costs that PG&E incurred in 2022 for vegetation management on underground distribution lines in the HFTD. D) These diverse the underground point is the HTD.	a) We do not separately track costs incurred in HFTD vs. Non-HFTD for vegetation management on overhead distribution lines. b) We do not separately track costs incurred in HFTD vs. Non-HFTD for vegetation management on underground distribution lines. 1) When when use a non-her do table facilities use do not experimente for experimente on the second secon	Holy Wehrman	4/25/2023	4/28/2023	4/28/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_019.zip	0	N/A	8.2	Vegetation Management and Inspections	N/A
264	CalPA	Set WMP-19	CalPA_Set WMP- 19	6	CaIPA_Set WMP-19_QE	distribution lines in the HFTD. a) Please describe the vegetation management activities that PGAE currently undertakes on rights-of-way with underground lines in the HFTD. b) Please describes any changes PGAE fains to make during the 2023-2025 WMP period to participation management activities that PGAE plans to undertake on rights-of-way Pgaes 464-456 of PGAEs WMP describe PGAEs plans to undertake on thats-of-way Pgaes 454-456 of PGAEs WMP describe PGAEs plan to become to tabulacity on distribution	on assegutional assistance inter- cent assegutional assistance in the and the provide the second se	Holly Wehrman	4/25/2023	4/28/2023	4/28/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_019.zip	0	N/A	8.2	Vegetation Management and Inspections	N/A
265	CalPA	Set WMP-19	CalPA_Set WMP- 19	7	CaIPA_Set WMP-19_Q7	I work orders as a part of this plan. PG&E states that 1 plans to eliminate the ignition-risk backlog by the end of 2029, and the non-ignition risk backlog by the end of 2020. a) Does the plan described above apply to PG&Es write service territory, or only those largs in the HETINERRA?	the widthe risk in our service territory. b) We are still in the process of creating a plantimeline for eliminating our backlog of tags outside of our HFRAHFTD areas. Given that the HFRAHFTD areas comprise 99% of the wildfire risk in	Holly Wehrman	4/25/2023	4/28/2023	4/28/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 019.zip	0	N/A	8.1.7.2	Open Work Orders	Open Work Orders – Distribution Tags
266	CalPA	Set WMP-19	CalPA_Set WMP- 19	8	CaIPA_Set WMP-19_Q8	risk notifications in the HFTD/HFRA; and (2) non-ignition risk notifications in the HFTD/HFRA." a) How does PG&E determine whether a maintenance issue is an "ignition risk notification" or a	form of ignition risk as a result of the non-conformance identified on the tag (e.g., conductor or structural support deficiency). We used a combination of wildfire risk models to calculate the	Holly Wehrman	4/25/2023	4/28/2023	4/28/2023	https://www.pge.com/pge_globa/common/pdr/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 019.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.1.7.2	Open Work Orders	Open Work Orders – Distribution Tags
267	CalPA	Set WMP-19	CalPA_Set WMP- 19	9	CaIPA_Set WMP-19_QS	Tool-application rais collectation?" Tool as too be a "horn-table in share for the effect on the order or bit- Dage Bibl of PECES VMP Felsences and external skety that shared. Tor fine water properse, it may be necessary to position addional weather stations in canyons and other regions where schrifterm unice, can registly general duffers." a) In response to this report. Nas PC&E assessed the need to position addional weather stations or compress and chair venious where states terms where the need to position addional weather statement or compress and chair remines where states terms may be more advected with the re- solution of the need to be advected with the need to position addional weather statement or compress and chair remines where states terms may be more advected with the re- minent of the need to be advected with the need to be need to position addional weather statement of the need to be need to be need to position addional weather statement of the need to be need to be need to be need to position addional weather statement of the need to be need to be need to position addional weather statement of the need to be need to be need to position addional weather statement of the need to be need to be need to position addional weather statement of the need to be need to be need to be need to position addional weather statement of the need to be need to be need to be need to position addional weather statement of the need to be need t	ultifier nisk for each notification. Exhausting and the second s	Holly Wehrman	4/25/2023	4/28/2023	4/28/2023	https://www.pge.com/pge_global/common/pdrs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/CalAdvocates_019.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-10 – Justification of Weather Station Network Density
268	CalPA	Set WMP-19	CalPA_Set WMP- 19	10	CaIPA_Set WMP- 19_Q10	a conserve and other notional above about home which are not acids userved usefunds." Table PGAE-221.1 to page 950 of PGAE VMM first the composited costs of convert conductor matulation. Below the table, PGAE status, "The costs in Table PGAE-221.1 to include Table PGAE-221.1 control acids and the table pGAE status, "The costs in Table PGAE-221.1 control table pGAE-221.1 control acids and table pGAE status, "The costs in Table PGAE-221.1 control acids and table pGAE-221.1 control acids acids and table pGAE-221.1 control acids aci	The Dates and pain more constant the additional standard states in a context and or 3.0 The additional reflection of the Date of the Dat	Holly Wehrman	4/25/2023	4/28/2023	4/28/2023	integs/www.gge.com/pge_gooa/common/pais/ safety/emergency-preparedness/natural- disater/wildfire-mites/wildfire-mites/ plan/reference-docs/2023/CalAdvocates 019.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-11 – Covered Conductor Effectiveness Lessons Learned
269	CalPA	Set WMP-19	CalPA_Set WMP- 19	11	CaIPA_Set WMP- 19_Q11	(VPRoc), used or prioritize its intergrouting projects. Page 1006 states, "For the Undergrouting program, we selected the roughly 8,000 CH miles with the highest SWRSE to produce roughly 10,000 miles of undergrounding." a) is there a thereshold SWRSE value at which PG&E determines that covered cook into is a Attachment 1 to PG&E's response to data request Caldivocates PGE-2023WMP-14 states that	Solution imaginate interesting our large over our hope provide naming on locations which have higher risk spend efficiency to image widdle work as compared to other locations and is used to select miles for undergrounding. Regarding the decision between covered conductor and undergrounding, the mercal consideration of the amount of risk reduction the militation provides is a). The delay was due to this policies their principle inspected using our lengar impaction system.	Holy Wehrman	4/25/2023	4/28/2023	4/28/2023	safety/www.ge.com/pge_goola/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitgation- plan/reference-docs/2023/CalAdvocates 019.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-34 – Revise Process of Prioritizing Wildline Mitigations
270	CalPA	Set WMP-19	CalPA_Set WMP- 19	12	CaIPA_Set WMP- 19_Q12	On rovember 16, 2019, an inducere inspection induce an a point and ross tensiming a engin. On January 14, 2020, the inspection issued a priority E lag to replace the policy January 13, 2021. a) W/bx was the tao for the above nois created approximately ten months after the initial finding?	which did not release inspection records until the inspecton project was closed, enabling the downstream corrective action notifications to be created. In the legacy inspection system, inspection projects were created with a finite volume of poles (generally between 200 and 400 notes) and the notient was not closed until the entire noise nonsitions was inspected. Due to The confidential activitient is being provided pursuant to the accompanying confidentiality.	Holly Wehrman	4/25/2023	4/28/2023	4/28/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 019.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.1.3.2.3	Asset Inspections	Intrusive Pole Inspections
271	CalPA	Set WMP-19	CalPA_Set WMP- 19	13	CaIPA_Set WMP- 19_Q13	October 4, 2022, page 9 states: During the period, the ISM reviewed data provided by PG&E related to PG&E's Underground Transmission asset ages and the average age of certain PG&E Underground Transmission assets. En example, RD% of one here of underground materials is beyond its useful. One Amil 13: 2012, Col Advances monituits a science Director of Grid Reproch to Incompton and	declaration. a) Please reference "WMP-Discovery2023_DR_CalAdvocates_019-Q013Atch01CONF.pdf" for our internal PG&E presentation from May 2022. Specifically, the references are found on Skilen umber 16. We clarify that "beyond its useful life". 3. Way are this working DRESS in the DRESS of the DRESS o	Holy Wehrman	4/25/2023	4/28/2023	4/28/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 019.zip https://www.nase.com/nase.slobal/common/offs/	1	N/A	8.1.2.5	Grid Design and System Hardening	Traditional Overhead Hardening -Transmission Conductor and Distribution
272	CalPA	Set WMP-19	CalPA_Set WMP- 19	14	CaIPA_Set WMP- 19_Q14	Development at PG&E. During this meeting, PG&E stated that REFCL is not a scalable product. a) Does the above statement accurately reflect PG&E's current assessment of REFCL? Please explain your answer. b) If the answer to narf (a) is use, please state at the measons why PG&E belowse REFC1 is ont a) Has PG&E performed a study to estimate the combined effectiveness of one or more	b) You and a the Version of the Care Longer in the Lin Construction of the Version and Saling operational appression. We expect to have final results the week of 2023. Decisions about further deployment of REFCL will be made after completion of the demonstration project with consideration for all Weiffer risk mitglations available. Ni Net andicable a) PG&E is actively analyzing the effectiveness of Covered Conductor (CC), in combination with a production (CC).	Holly Wehrman	4/25/2023	4/28/2023	4/28/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 019.zip https://www.pae.com/pae_elobal/common/pdfs/	0	N/A	8.1.8.1.3.1	Grid Design, Operations, and Maintenance	8.1.8.1.3.1 Rapid Earth Fault Current Limiter
273	CalPA	Set WMP-19	CalPA_Set WMP- 19	15	CaIPA_Set WMP- 19_Q15	combinations of covered conductor, EPSB, DCD, PVD, and REFCL in mitigating wildlines, when installed on distribution circuits in the HFTD? b) if the answer to part (a) is no, desse explain why not. c) if the answer to part (a) is no, desse DGEE into the order more such a sherk? If an exceeds the Table 7 on page 20 of the Jaint (D) covered Conductor Working Group Report lats SCE's	EPSS and DCDPV. In addition, we are actively analyzing the effectiveness of Bare Conductor (BC), in contribution with EPSS and DVDPV. PG&E is in the initial phase of these two studies and intends to use the results to compare the <u>addition transmission of model</u> asimilar analysis of covered conductor (CC) with the same	Holly Wehrman	4/25/2023	4/28/2023	4/28/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 019.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.1.2	Grid Design and System Hardening	Various
274	CalPA	Set WMP-19	CalPA_Set WMP- 19	16	CaIPA_Set WMP- 19_Q16	estimate of the combined effectiveness of its covered conductor program, asset inspections, and several vegetation management programs. a) Has PG&E performed a similar estimate of the combined effectiveness of covered conductor, asset inspections_and venetation management?	b) Not applicable.	Holy Wehrman	4/25/2023	4/28/2023	4/28/2023	intiss//www.pge.com/pge_globa/common/pais/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/CalAdvocates 0.9.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-11 – Covered Conductor Effectiveness Lessons Learned
275	CalPA	Set WMP-20	CalPA_Set WMP- 20	1	CaIPA_Set WMP-20_Q1	a) Describe PG&E's standard process for retiring an asset from service. b) Describe how PG&E records the reterement of an asset from service. a) in 2022, as part of its WMP system hardening activities, did PG&E retire from service (i.e., replace, remove, destroy, or decommission) any asset for that had not been fully depreciated at the	(1) yet on toolsons and cannot be an experiment because bisman at Table 1, and Table 2, the bisma at Table 1, and Table 2, the bisma at Table 1, and Table 2, the bisma bisma at Table 1, and Table 2, and Table 2	Holy Wehrman	4/26/2023	5/3/2023	5/3/2023	safety/www.ge.com/per_goods/common/pary safety/emergency-preparedness/natural- disater/wildfire-mitgation- plan/reference-docs/2023/CalAdvocates 020.zip https://www.pge.com/pge_global/common/pdfs/	1	N/A	8.1.5	Asset Management and Inspection Enterprise System(s)	N/A
276	CalPA	Set WMP-20	CalPA_Set WMP- 20	2	CaIPA_Set WMP-20_Q2	 Ime of retirement? IPlease describe how PG&E recorded the retirement of assets during 2022 system hardening antibities. an 2023, as part of its WMP system hardening activities, does PG&E intend to retire from 	(electric distribution overhead assets) follow group depreciation and reterement accounting. As such, there is no undepreciated value for the assets that were retried. Please refer to our response to Question 005, Subpart (a) for additional information on oncus detereciation and reflemented accountion. a) Not applicates. The assets to be replaced as part of WMP system hardening a) Not applicates. The assets to be replaced as part of WMP system hardening a) Not applicate.	Holly Wehrman	4/26/2023	5/3/2023	5/3/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 020.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.1.2	Grid Design and System Hardening	AI
277	CalPA	Set WMP-20	CalPA_Set WMP- 20	3		service (i.e., replace, remove, destroy, or decommission) any assets that are not fully depreciated at the time of retirement? b) Please describe how PG&E will record the retirement of assets during 2023 system hardening artifutiles.	activities in 2022 stations group depreciation and retrement accounting. As such, there is no underpotentiated value of the assets that will be retired. Please refer to our response to Question 005, Subpart (a) for additional information. In) See response to Question 001. Subparts (a) L, this of this Lata Request Set. The Please see the response to Question 001. Subparts (b) for information regarding the	Holy Wehrman	4/26/2023	5/3/2023	5/3/2023	safety/www.gec.com/page_goods/common/pary safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitgation- plan/reference-docs/2023/CalAdvocates 020.zip https://www.gec.com/page_globai/common/pdfs/	0	N/A	8.1.2	Grid Design and System Hardening	AI
278	CalPA	Set WMP-20	CalPA_Set WMP- 20	4	CaIPA_Set WMP-20_Q4	What is PG&E's standard practice for tracking assets that are retired from service before they are fully depreciated?	tracking of PG&E's retired assets. Please also see Question 005, Subpart (a) for information on group depreciation and retirement accounting, as established by the CPUC, FERC, and the National Association of Regulatory Utility Commissioners INARNICL which PG&E follows.	Holy Wehrman	4/26/2023	5/3/2023	5/3/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 020.zip	0	N/A	8.1.5	Asset Management and Inspection Enterprise System(s)	N/A

					-												-
279	CalPA Set WMP-2	0 CalPA_S	Set WMP- 20	5	CaIPA_Set WMP-20_Q5	asset is retired from service?	a) The premise of this question is incorrect. PG&E follows group depreciation and reterement accounting, as established by the CPUC, FERC, and the National Association of Regulatory UHIS Commissioners (NALICC). Group depreciation accounting refers to the well-established regulatory accounting method for large errors of homosevs assets: The rememe of arrow dereciation accounting the remember of the second seco	Holy Wehrman	4/26/2023	5/3/2023	5/3/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 020.zip	0	N/A	8.1.5	Asset Management and Inspection Enterprise System(s)	N/A
280	CalPA Set WMP-2	0 CalPA_S	Set WMP- 20	6	CaIPA_Set WMP-20_Q6	value of any assets that are no longer in service? b) If the answer to part (a) is yes, please explain why. c) If the answer to part (a) is no. At the construct in place that are use PC&E's rate have does not b) If the answer to part (a) is no. At the construct in place that are use PC&E's rate have does not	zrouss of homoneous assets. The premise of aroun derenciation accountion a) No. Please see the response to Question 005, Subpart (a) for a detailed explanation. b) Not applicable, as described in subpart (a) of this response. c) PG&E follows group depreciation and referent accounting established by the CPILC EEOP. Are blacknot Association of Remotivour Utility Commissioners.	Holly Wehrman	4/26/2023	5/3/2023	5/3/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_020.zip	0	N/A	8.1.5	Asset Management and Inspection Enterprise System(s)	NA
281	CalPA Set WMP-2	0 CalPA_S	Set WMP- 20	7	CaIPA_Set WMP-20_Q7	caracteristicative and constraints of assess that are no increase in securical in its response to add an request Clarkhouster-PGE 2022WHV-14, questions 20-22, PGAE stated, We cannot provide the requested data. Our asset registry and work execution systems are not set up to analish this constraints referenced data consolitation and we do not track the volume of assets replaced that have not been fully recovered. In Blasses applicational is more that then advised and the section sections description.	CPBIC_EERC. and Matienal Association of Benahabrus LIMPL Commissioner. a) Please see the response to Question 001, Subparts (a) and (b). When an asset is retrod from service, PG&E has an an-bulk process to document work completed in the field. These are abulk are submitted for mapping in the system of record (a) is addition. The artiferial service is a submitted in a service and the matter of asset is removed from our Geospatial System or record (GIS), in addition, the artiferial service and service instruments in service and retroo of the survival.	Holly Wehrman	4/26/2023	5/3/2023	5/3/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- blan/reference-docs/2023/CalAdvactes_020.zip	0	N/A	8.1	Grid Design, Operations, and Maintenance	Distribution Pole and Replacements Traditional Overhead Hardening Transformers
282	TURN 009	TURM	N_009	1	TURN_009_Q1	a Please actain while it means the this statement. "Our used involvement and used execution. 1. Regarding the 2023-2020 Undergrounding Workplan referenced on page 910 of the VMPP (R1) and provided in Excel format in response to TURN Data Request 2.4: a. For each undergrounding project listed in this document, please provide the RSE calculated in accordance with the CPUC 5 SMAP Settlement (see pp. 324 st seq OP DAES VMIP-R11) (not SMRSE or WEFE) the TQRE calculated for the undergrounding nonicel Desen mode all process.	The netited assot is also removed from the is-service notifice of the work a) As explained on page 986 of the 2023-2025 VMP, PEAE Eveloped an amesurement described in the 2022 Revised VMIP as the Simplified VMIRe Risk Spend Efficiency (SWRSE) or Wildrife Feasibility Efficiency (VMF) to lowerly where PAE Could most efficiently reducer its given the terrain feasibility at particular loading between the presence of hard rock, large water provides model. To add the presence of hard rock, large water provides model. To AEA could be the SWRSE is follow:	Tom Long	4/26/2023	5/1/2023	5/1/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_009.zip	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-16 – Progress and Updates on Undergrounding and Risk Prioritization
283	MGRA Data Request	No. MGRA Reque	A_Data ist No. 3	1	MGRA_Data Request No. 3_Q1	Please provide for Asset Point data for Camera, Fuse, Support Structure, and Weather Station.	The attachments have been reuploaded to ESFT.	Joseph Mitchell	4/27/2023	5/2/2023	4/27/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_003.pdf	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
284	MGRA Data Request	No. MGRA Reque	A_Data est No. 3	2	MGRA_Data Request No. 3_Q2	Provide Asset Line data for Transmission Line (as permitted as non-confidential), Primary Distribution Line, and Secondary Distribution Line.	The attachments have been reuploaded to ESFT.	Joseph Mitchell	4/27/2023	5/2/2023	4/27/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_003.pdf	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
285	MGRA Data Request	No. MGRA Reque	A_Data est No. 3	3	MGRA_Data Request No. 3_Q3	Provide PSPS Event data. Include Event Log, Event Line, Event Polygon data. Please exclude customer meter data. Provide all PSPS Event Asset Damage data including photos.	The attachments have been reuploaded to ESFT.	Joseph Mitchell	4/27/2023	5/2/2023	4/27/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_003.pdf	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
286	MGRA Data Request	No. MGRA Reque	A_Data ist No. 3	4	MGRA_Data Request No. 3_Q4	Provide Risk Event Point data, including Wire Down, Ignition, Transmission unplanned outage (as classified non-confidential), Distribution Unplanned Outage data, Distribution Vegetation Caused Unplanned Outage, Risk Event Asset Log.	The attachments have been reuploaded to ESFT.	Joseph Mitchell	4/27/2023	5/2/2023	4/27/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- dkaster/wildfire-mitigation- plan/reference-docs/2023/MGRA_003.pdf	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
287	MGRA Data Request	No. MGRA Reque	A_Data est No. 3	5	MGRA_Data Request No. 3_Q5	Under Initiatives, please provide Grid Hardening data, including Hardening Log, Hardening Point, and Hardening Line data. Inspection data is not requested at this time.	The attachments have been reuploaded to ESFT.	Joseph Mitchell	4/27/2023	5/2/2023	4/27/2023	https://www.pge.com/pge.global/common/ddfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_003.pdf	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
288	MGRA Data Request	No. MGRA Reque	A_Data est No. 3	6	MGRA_Data Request No. 3_Q6	Under Initiatives, please provide Other Initiative data for point, line, polygon features and the Other Initiative Log.	The attachments have been reuploaded to ESFT.	Joseph Mitchell	4/27/2023	5/2/2023	4/27/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_003.pdf	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
289	MGRA Data Request	No. MGRA Reque	A_Data ist No. 3	7	MGRA_Data Request No. 3_Q7	Under Other Required Data, please provide Red Flag Warning Day polygon data.z	The attachments have been reuploaded to ESFT. Please see the table below for the Focused Tree Inspection Program schedule, PG&E is still	Joseph Mitchell	4/27/2023	5/2/2023	4/27/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_003.pdf	0	N/A	6.4	Risk Methodology and Assessment	Risk Analysis Results and Presentation
290	CalPA Set WMP-2	1 CalPA_S	Set WMP- 21	1	CaIPA_Set WMP-21_Q1	Inspection (FTI) Program is currently under development. By the end of 2025, PG&E plans to "Fully implement AOC cross-functional team to implement guidelines across all AOCs."4 PG&E states in rescorse to oursition 11 of data request Caladvocates-PGE-WMP-16 that its FTI	Peaks tere for auto document to its in routice in this place on rigid all followate. I vocific so suit developing the procedures for this program. We interind ou ed 4 of 2023 to analyse the results of the place to inform our 2024 FT1 plan. Developing the place of the place o	Holly Wehrman	4/27/2023	5/2/2023	5/2/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 021.zip	0	N/A	82225	Vegetation Management and Inspections	Focused Tree Inspections
291	CalPA Set WMP-2	1 CalPA_S	Set WMP- 21	2	CaIPA_Set WMP-21_02	2021, and 2022: Distribution Inspection Findings in HFTD	After freewang the data to provide a response to this request, i-base realized that the data provided in our prior submission was incorrect. This discrepancy was the result of an Excel error that occurred when PG&E revised Table 2 with the additional inspection type details required for Q4 2022. Please est adactment' WMPDiscovery02202. DR, CalAdvocates 2011. 0002AbbD1 doct* for undeted distribution incorection findioss in HETD from 2020 h. 2022. The confidential adactment is being provided pursuant to the accompanying confidentially.	Holly Wehrman	4/27/2023	5/9/2023	5/9/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_021.zip	1	N/A	QDR	N/A	NA
292	CalPA Set WMP-2	1 CalPA_S	Set WMP- 21	3	CaIPA_Set WMP-21_Q3	2000. Development is deta request Lindekonsteine PEGE 2003/MIR-16, question 10, DEGE statud, "The here need converse publics identification to do provides are: C-hooks, invaluibre, oother pies, afore issues, and structural issues." For each of the fire publics listed address, please list any changes PGE has made to its proceeding controls. <i>Structural</i> , and and the structural invalues that any change structural with ano- folding controls.	The commercial assumements being provided parsaum to see accompanying commercially declaration. Please note, the quote is in reference to Calkdvocates-PGE-2023WMP-10, question 15. For transmission inspections training, the top CC findings were shared with all returning and new inspectices as nation 2023 Orbitancian and Befresher. Ja Figure PGBE-18.3 & 20 p. 465 OF PGBE's WMP is intended to be a simplified version of our	Holly Wehrman	4/27/2023	5/2/2023	5/2/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation_ plan/reference-docs/2023/CalAdvocates 021.rip	3	N/A	QDR	N/A	N/A
293	CaIPA Set WMP-2	1 CalPA_S	Set WMP- 21	4	CaIPA_Set WMP-21_Q4	Wind gusts 30-40+ mph Relative humidity <30% Dead File Moisture <50.11%	orderal for general avaceness. Whereas the threatolds on page 78.6 of PCAEs VMMP are the minimum fire potential conditions with quantifiable factors used during PSPS. b) An FIP of R5+ ta when here is an occurrence of high FIP (above 0.7) plus the presence of high here the statistic during the statist	Holly Wehrman	4/27/2023	5/2/2023	5/2/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_021.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	9.2.1	Public Safety Power Shutoff	Risk Thresholds (e.g., WS, FPI, etc.) and Decision-Making Process That Determine the Need for a PSPS.
294	MGRA Data Request		A_Data est No. 4	1	MGRA_Data Request No. 4_Q1	Please provide a description of how the data was created, and from which version of WDRM. Please provide a description of how risk data was assigned to the 100 meter square polygons that make up the layer, specifically if it is an average over the risk scores of the components within the area.	20%, and bottom 80% within the HFRA. PG&E provided a more detailed presentation of risk layers than requested. For this reason, the numeric risk value is not provided as it was not recuested.	Joseph Mitchell	4/28/2023	5/3/2023	5/3/2023	safety/www.pge.com/pge_goba/common/pdis/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_004.zip https://www.pge.com/pge_globa/common/pdfs/	1	N/A	Appendix C / 6.4.1.1, 6.4.1.2	Risk Methodology and Assessment	Geospatial Maps of Top Risk Areas Within the HFRA Proposed Updates to HFTD Geospatial Mans of Top Risk Areas
295	MGRA Data Request	No. MGRA Reque	A_Data ist No. 4	2	MGRA_Data Request No. 4_Q2	Explain why the vast majority of the polygons show low risk (<25%), and why high risk polygons (>70%) are very rare.	PG&E objects to this question as vague. Subject to and without waiking this objection, PG&E responds as follow: High rink polygons are rarer than low risk polygons as the highest wildlife risk is concentrated. This distribution of risk can be seen in Figure 6.2.2.1.1. Upon review, PG&E has confirmed that the original Attachment 2023-03-	Joseph Mitchell	4/28/2023	5/3/2023	5/3/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_004.zip https://www.oge.com/pge_global/common/pdfs/	0	N/A	Appendix C / 6.4.1.1, 6.4.1.2	Risk Methodology and Assessment	Geospatial Maps of Top Hosk Areas Within the HFRA Proposed Updates to HFTD Geospatial Maps of Top Risk Areas
296	MGRA Data Request	No. MGRA Reque	A_Data ist No. 4	3	MGRA_Data Request No. 4_Q3	Explain why the polygons do not cover all of the primary distribution lines in the HFTD. Example below.	27 PGE 2023 WMP R1 Appendix C AtADNISection § gdb file inadveterity dropped some risk pixels. Please see "WMP-Discovery2023] DR_MGRA, 004-00034ch01 zip' for an updated GDB file. We will reach out to Energy Safety to provide this updated information pursuant to Energy Safety? nu/selms. It is difficult betwinnis the backson of the provided example based on the information provided.	Joseph Mitchell	4/28/2023	5/9/2023	5/9/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_004.zip https://www.pge.com/pge_global/common/pdfs/	1	N/A	Appendix C / 6.4.1.1, 6.4.1.2	Risk Methodology and Assessment	Within the HFRA Proposed Updates to HFTD
297	MGRA Data Request		A_Data ist No. 4	4	MGRA_Data Request No. 4_Q4	Please explain why isolated 'hot polygons' appear in the data, as shown below, and whether these represent actual risk or an artifact.	Orphaned pixels, such as those shown in the example, may result from missing pixels due to incomplete data or processing of the data. At the pixel-by-pixel level, the model does exhibit some level of pixels that can carried in bitch-tick but crock in an area of marchic lawar risk pixels. An	Joseph Mitchell	4/28/2023	5/3/2023	5/3/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_004.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	Appendix C / 6.4.1.1, 6.4.1.2	Risk Methodology and Assessment	Geospatial Maps of Top Risk Areas Within the HFRA Proposed Updates to HFTD Geospatial Mans of Top Risk Areas
298	MGRA Data Request	No. MGRA Reque	A_Data ist No. 4	5	MGRA_Data Request No. 4_Q5	Please provide an alternative and more complete version of this data set In which: a. Raw runner data is provided rather than a 5% thing. This will allow a rescaling of 'low' and "high' risks to be more relative and show any gradients across the PG&E territory. b. Coverage extends to all circuits in the HFTD.	seen is the assamble below liverial and hothrok sizes on mix book. Eve file seasons workshow a Pease first the requested data in "Who.Boccevery2023, DR, MRAR, 044-0000,Ako11 Jp;" Results from analysis at the pixel level will provide a different assessment of the spatial pattern of mix than at the assignable file. Is Specific to this request, the attaches file provides risk pixels and associated requested values for a filteration that in the ITTT and IFER.	Joseph Mitchell	4/28/2023	5/9/2023	5/9/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_004.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	Appendix C / 6.4.1.1, 6.4.1.2	Risk Methodology and Assessment	Within the HFRA Proposed Updates to HFTD Geospatial Maps of Top Risk Areas
299	MGRA Data Request		A_Data est No. 4	6	MGRA_Data Request No. 4_Q6	If the risk score for each polygon represents an average over the risk in the polygon, please provide an additional version in which the maximum numerical value in the polygon is provided instead.	As described in section 6.2.2.3, pages 171 and 172 in PG&E's 2023-2023 WMP, the pixel level risk value is the product of the cumulative probability of all risk drivers in that pixel and the wildfire consequence. As such, the value is not an average over the risk in a polygon.	Joseph Mitchell	4/28/2023	5/3/2023	5/3/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA 004.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	Appendix C / 6.4.1.1, 6.4.1.2	Risk Methodology and Assessment	Within the HFRA Proposed Updates to HFTD Geospatial Maps of Too Risk Areas
300	MGRA Data Request	No. MGRA Reque	A_Data ist No. 4	7	MGRA_Data Request No. 4_Q7	If possible, provide two additional rette of GIS data in identical format to the original, one representing the POI component of the WDRM model and a separate set showing the consequence component of the WDRM score. Output should be in numerical format and not binned.	The file provided in "WMP-Discovery2023_DR_MGRA_004-Q003Atch01.zip" contains the additionally requested Risk, POI, and Wildfire Consequence data.	Joseph Mitchell	4/28/2023	5/9/2023	5/9/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_004.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	Appendix C / 6.4.1.1, 6.4.1.2	Risk Methodology and Assessment	Within the HFRA Proposed Updates to HFTD
301	MGRA Data Request	No. MGRA Reque	A_Data est No. 4	8	MGRA_Data Request No. 4_Q8	Please provide an excel spreadsheet giving the Distribution Outage ID for each outage occurring while EPSS was enabled in 2022.	Please see "WMP-Discovery2023_DR_MGRA_004-Q008Atch01.xlsx." We currently do not track the overhead miles removed and replaced through undergrounding. Our	Joseph Mitchell	4/28/2023	5/3/2023	5/3/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_004.zip https://www.pee.com/pae_slobal/common/odfs/	0	N/A	8.1.8.1.1	Grid Operations and Procedures	Protective Equipment and Device Settings
302	TURN 010	TURM	N_010	1	TURN_010_Q1	PGAE: WMP (R1) at page 3 states PGAE undergrounded 180 miles in 2022 and 73 miles in 2021. In each of these years, separately, please provide the number of overhead miles that were converted to underground related to these mileage figures. PGAE's WMP (R1) at page 4 states "Between 2023 and 2026, 87 percent of PGAE's	peospatial system of record only tracks assets currently in the field. Based on the average overhead to underground conversion factor of 1 overhead mile to 1.25 system hardening underground miles and the estimated conversion factor of 1 overhead mile to 1.97 community rehalt underconced miles, the estimated conversion factor of 1 overhead mile to 1.97 community trackit underconced miles, the estimated conversion factor of 1 overhead mile to 1.97 community trackit underconced miles, the estimated conversion factor of 1 overhead mile to 1.97 community trackit underconced miles, the estimated conversion factor of 1 overhead mile to 1.97 community trackit underconced miles and the estimated conversion factor of 1 overhead mile to 1.97 community that the trackit miles and the estimated conversion factor of 1 overhead miles to 1.97 community that the trackit miles and the estimated conversion factor of 1 overhead miles to 1.97 community that the trackit miles and the estimated conversion factor of 1 overhead miles to 1.97 community that the trackit miles and the estimated conversion factor of 1 overhead miles to 1.97 community that the trackit miles and the estimated conversion factor of 1 overhead miles to 1.97 community that the trackit miles and the estimated conversion factor of 1 overhead miles to 1.97 community that the trackit miles and the estimated conversion factor of 1 overhead miles the trackit miles the trackit miles the trackit miles that the trackit miles that the trackit miles the trackit	Tom Long	4/28/2023	5/3/2023	5/3/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN 010.zip https://www.gee.com/pze_slobal/common/odfs/	0	N/A	8.1.2.2	Grid Design, Operations, and Maintenance	Undergrounding
303	TURN 010	TURM	N_010	2	TURN_010_Q2	undergrounding work is planned for the top 20 percent of risk-ranked circuit segments, as identified by our risk models. a. Please provide workpapers and data in Excel that supports the 87 percent figure. b. Blease available workpapers and data in Excel that supports the 87 percent figure. b. Blease available that the 10 neuroal of interview of incide available available to the second figure of the second	International material in both provide paramite a significant for Disease Argonization with PG&E a. Pease see attachment "WMP-Discovery2022 JR_TURN_010-Q002Atch1CONF.xtax" b. "To 20% Rhz.Anated Chrouid Segments" miles can come from either the WDRN V2 or V3 Det Dev & Monde. As described in more detail in response to TURN Data Request 09, PG&E's Wildfire Feasibility	Tom Long	4/28/2023	5/3/2023	5/3/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN 010.zip	1	Yes	8.1.2.2	Grid Design, Operations, and Maintenance	Undergrounding
304	TURN 010	TURM	N_010	3	TURN_010_Q3	calculated circuit suggests the MI REE for the past and fater work shown in Mitachmet 2023.4- out pRG 2023 VMP R2 Section 4.2 Abrit 1, an earlier version of which is referenced on page 196, fn. 77 et he VMP R2 Section 4.2 Abrit 1, an earlier version of which is referenced on a. Whether or no CDS: requires PGAE to present such circuit-segment level RSEs in the 2023- 2022 WMP has PGAE calculated them? It so clease crucies the RSEs, oreferably as additional Re Figure 22-34 on p. 900 (HTm)?		Tom Long	4/28/2023	5/3/2023	5/3/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/TURN_010.zip	1	N/A	6.4.2	Risk Methodology and Assessment	Top Risk-Contributing Circuits/Segments
305	TURN 010	TURM	N_010	4	TURN_010_Q4	Re Figure 22-34-1 on p. 969 (R1): a. Please provide this Figure in Excel with supporting data and calculations. b. Please explain what "line weighted risk per mile" means and how it is calculated. c. If not provided in part (a). In Excel please provide all circuit segments in PO&E's HFTD and HERA and the correspondent WERE "Desarres movide supporting data.	Can be affect the second secon	Tom Long	4/28/2023	5/10/2023	5/8/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_010.zip	1	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-34 – Revise Process of Prioritizing Wildline Mitigations
306	TURN 010	TURM	N_010	5	TURN_010_Q5	Please provide the number of miles of secondary overhead distribution lines versus primary overhead distribution lines in PG&E's HFTD, and separately for PG&E's self-identified HFRA.	Please see "WMP-Discovery2023_DR_TURN_010-Q005Atch01.xisx".	Tom Long	4/28/2023	5/3/2023	5/3/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_010.zip	1	N/A	8.1.2.5	Grid Design and System Hardening	Traditional Overhead Hardening
307	TURN 010	TURM	N_010	6	TURN_010_Q6	PG&EF WINP (R) at page 4 states "Recent data and analysis demonstrate that the Enhanced Vegetation Management (EVM) Program risk reduction is less than EPSS and additional Constructional and a page transitions and quantitative analyses in Each that support the chainment of the page 25 states." The page of migrature action and constructions and your theory of the PG&EVMP (R) is page 25 states."	FORE involuced the comparison of inits reduction and Rule Speed Ethiosizer, (REE: of EPES is EVAI in the 2022 WHM and 2023 (RCE, Schlight 1, Charger 4 page 3-2 through 3-7. The Charged State of the 2023 (RCE, Schlight 1, Charger 4 page 3-2 through 3-7. The cylical initiation strategic is anomatical in Table 3-1 on page 3-39, as it is first reduction initiation. Incomol between EVAI and EPES is is substratiativic in EPESS's isour. Phases see "WMM-Receiving" UNIX 01 (CHARGER) and Phase Schlight 2-2 methy VM.	Tom Long	4/28/2023	5/3/2023	5/3/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_010.zip	4	N/A	8.2.3	Vegetation Management and Inspections	Vegetation and Fuels Management
308	TURN 010	TURM	N_010	7	TURN_010_Q7	PG&E WMP (R1) at page 251 states "The type of mitigation tradeoff and effectiveness analysis we conduct informed PG&Es decision to transition away from the Enhanced Vegetation Management (EVM) program." a. Please provide all documentation and internal communications regarding the transition away from the FJM encoram	a. Pease see "WMP-Discovery2023_DR_TURN_010-2007/Mch30CONF.pdf" sent by VM Program Communications on Cobber 20, 2022 referencing end of EVM at the end of 2022. In an All-Hands Call held on October 20, 2022; PG&E Informed staff that due to the end of the Enhanced Vegetation Management (EVM) Program by year's end, PG&E has eliminated the EVM processing, smoothics rutaintons, and evaluations.	Tom Long	4/28/2023	5/3/2023	5/3/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_010.zip	3	Yes	8.2.3	Vegetation Management and Inspections	Vegetation and Fuels Management

		-														
309	TURN 011	TURN_011	1	TURN_011_Q1	1.PG&E's WMP (R1) at page 4 references WDRM v3. a Please explain and quarify the difference in risk ranking results between WDRM v2 and WDRM v3.Pense provide all results of WDRM v3 in Excel at the circuit segment, circuit protection zone, b Please provide all results of WDRM v3 in Excel at the circuit segment, circuit protection zone, circuit protection zone, the circuit segment, circuit protection zone, the circuit segment and with the circuit segment, circuit protection zone, the circuit segment and with the circuit segment, circuit protection zone, the circuit segment and the circuit segment and the circuit segment and the circuit segment of the ci	a) A explanation and quantification of the differences between the top 20% risk ranked circuit expertent battemer WDRH V act and WDRM Wind Wind the growthood in the response to ACI 22:09 on pages 885-892 of the 2023 PGAE VWB. The worksheet supporting this work is provide in attachmert "VMP Discoverp2023_DR_TURN_011- fbcc confidential autochment is being provided pursuant to a signed NDA with	Tom Long	5/1/2023	5/9/2023	5/9/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TUBN_011.zip	2	N/A	6.2	Risk Methodology and Assessment	Risk Analysis Framework
310	TURN 011	TURN_011	2	TURN_011_Q2	 a.Please add a column that provides the unique circuit segment identifier requested in 1(b)(i) above. 	For subparts A-D, please see attachment "WMP-Discovery2023_DR_TURN_011- 00024tch01C0NE view"	Tom Long	5/1/2023	5/9/2023	5/9/2023	http://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-miligation- plan/reference-docs/2023/TURN_011.zip	3	Yes	Appendix D	Areas for Continued Improvement	ACI PG&E-22-16 – Progress and Updates on Undergrounding and Risk Prioritization
311	TURN 011	TURN_011	3	TURN_011_Q3	b Besse add a column to this considered that rowides the total wildline risk of anch circuit 3 Regarding DR response TURN-7, attachment, "WMP-Discovery2023_DR_TURN_007- Q01Atch01CONF.stsx": a Pesse add a column to this spreadheet, for tab 'PG&E UG Workplan 2023-26_Conf, with the unique identifier for each circuit segment provided in 1(b)(i) and 2(a) above.		Tom Long	5/1/2023	5/8/2023	5/8/2023	http://www.ppe.com/ppe.global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-miligation- plan/reference-docs/2023/TURN 011.zip	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
312	TURN 011	TURN_011	4	TURN_011_Q4	b Dessermide the suproviding that and related before to the 1004E TLC Workface 2023. 4. Regarding Attachment 2023-04-06, PGE 2023, WMP R2 Section 6.4.2 Acto11, an earlier version of Wink1 is referenced on page 195, fin. 77 of the WMP (R1): a. Please add a column to this spreadsheet and provide the unique circuit segment identifier requested in 10((b)) above and 2(b) and 3 above.	Blease see affactivent "WMDBicrowsch022: DB. TURN. D10.000March1 vice" Jo Press see selver "ModB Diar. Courns B, in attachment WMP Discovery2022: DB. TURN. 011-000Aktb10 txize." Jo Press see affachment "WMP-Discovery2022: DB. TURN. 011-000Aktb10 txize." Data F.R. Inis to Mode Data sheet In his attachment.	Tom Long	5/1/2023	5/8/2023	5/8/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	1	N/A	6.4.2	Risk Methodology and Assessment	Top Risk-Contributing Circuits/Segments
313	CalPA Set WMP	22 CalPA_Set WW	IP- 1	CaIPA_Set WMP-22_0	b. Discret, Jeiner, moniste all surrouting data and concentr, laid, cells, un this screendyheet in surrouting the pared discussion portion of the Grid Operation, Design, and Martemane essention of the WHP workshop held on April 17, 2023, PGAE estimated that, during wilding scattering of the strength of the strengt		Holly Wehrman	5/2/2023	5/5/2023	5/5/2023	plan/reference-docs/2023/TURN_011.zip https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_022.zip	0	N/A	8.1.8.1.1	Grid Design and System Hardening	Protective Equipment and Device Settings
314	CalPA Set WMP	22 CalPA_Set WW	IP- 2	CaIPA_Set WMP-22_0	Workshop ned on April 21, 2023, a caler raised concerns about the reasonity of undergrounding 2 in rocky and steep terrain and in wetlands. In response, PG&E stated that it was evaluating tools and training to the response of the state	EPSs between May and November in 2022, which was 59.8% of circuit-days. Note that we did not include EPSS buffer circuits, which are only enabled during Fire Weather Watch , Red Flag Working or privilence Fig. Detecting Conditions in bit disc the second secon	Holly Wehrman	5/2/2023	5/5/2023	5/5/2023	http://www.pge.com/pge_global/commodate/ official safety/emergency-preparedness/natural- disaster/wildfire-miligation- plan/reference-docs/2023/CalAdvocates 022.zip	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
315	CalPA Set WMP	22 CalPA_Set WW	IP. 3	CaIPA_Set WMP-22_0	and techniques to perform undergrounding in these areas	exemptions a intelligent: (Mean Introduc, or continue of Junnite, use only another 5 fead years of the of 10 for the greatest extent possible. (PGEE avoids contruction in federation state jurisdicational webands and we have generally found relatively few locations where it is unavoidable to underground in a "weband" area. (PGEE with first each to relocate our distribution incluses to a less sensitive environmental location. However, undergrounding across water crossings – streams,	Holly Wehrman	5/2/2023	5/5/2023	5/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation; plan/reference-docs/2023/CalAdvocates_022.zip	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
316	CaIPA Set WMP	22 CalPA_Set WW	IP- 4	CaIPA_Set WMP-22_0	Becarrier and a second	unit cost. Meaning, the costs for those projects include the whole lifecycle of costs from prior to	Holly Wehrman	5/2/2023	5/5/2023	5/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdwocates. 022.zip	0	N/A	8.1.2.1	Grid Design and System Hardening	Covered Conductor Installation – Distribution
317	CaIPA Set WMP	22 CalPA_Set WW	1P. 5	CaIPA_Set WMP-22_0	In response to that answer! Allidocates.PEC=2021MR0.0ft.exestion.11 POAE studet that in In response to that newsel! Calidocates.PEC=2021MR0.0ft.exestion.11 POAE studet that in In response to that newsel! Calidocates.PEC=2021MR1.9ft.genetion.21 POAE studet In addition, our GIS system does not incluke an attribute to distinguish between covered and tare is conductor. As a result, we are only sub-bit portion the total overhead distribution line circuit-miles, not the breakdown between covered and tare conductor.	of our original response. Although there is not a specific attribute in GIS to distinguish covered and bare conductors, we were able to utilize the conductor type codes to differentiate between covered and bare conductors.	Holly Wehrman	5/2/2023	5/10/2023	5/10/2023	http://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 022.zip	0	N/A	8.1.2.1	Grid Design and System Hardening	Covered Conductor Installation – Distribution
318	CalPA Set WMP-	22 CalPA_Set WW	IP. 6	CaIPA_Set WMP-22_0	a) Is pGAE inside in determine the number of incut miles of convert conducts in its soutem?. a) Given the best information row vanisable to PGAE, is the expected used if it of newly installed covered conductor identical to that of newly installed tare overhead conductor? (b) [) Does PGAE expect that the asset management and mainferance needs for covered overhead conductor are identical bone of bare overhead conductor?	installed Bare Conductor (BC) because the failure modes are different between the two conductor bypes. At this time, PG&E does not have a set useful life expectancy for covered conductor due to ongoing evaluation of UV exposure and the possibility of accelerated corrosion from water	Holly Wehrman	5/2/2023	5/5/2023	5/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-wiltigation- plan/reference-docs/2023/CalAdvocates_022.zip	0	N/A	8.1.2.1	Grid Design and System Hardening	Covered Conductor Installation - Distribution
319	CalPA Set WMP-	22 CalPA_Set WW	IP. 7	CaIPA_Set WMP-22_0	Table 8-7-2 on page 446 of PG&E's WMP uses the term "Critical pass rate." Please define this term.	Intrastion to the notestite lacket. These fails models were documented in DRAE's Covend The attachment to the response is confidential as described in the confidentially doctaration of Richard Knoeber, dated May 5, 2023 Please see attachment "WMP. Bioscovery/2023 CPR, Caldkocates (2022 4000/Achiol COMP, pdf for the requested information Specification, pages 1-2 of the document, we identify three calculations that comprise the end of the bioscover and the bioscover and the specification of the comprise the end of the bioscover and the bioscover and the bioscover and the control of the official of all montest in the biole above however specification are accurate per our 2022 data and	Holly Wehrman	5/2/2023	5/5/2023	5/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-wiltigation- plan/reference-docs/2023/CalAdvocates_022.zip	1	N/A	8.1.6.2	Grid Design and System Hardening	Quality Control
320	CalPA Set WMP-	22 CalPA_Set WW	IP. 8	CaIPA_Set WMP-22_0	control. 602 (14.7%) failed.		Holly Wehrman	5/2/2023	5/5/2023	5/5/2023	https://www.gec.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 022.rip	0	N/A	8.1.6.2	Grid Design and System Hardening	Quality Control
321	CalPA Set WMP	22 CalPA_Set WW	IP. 9	CaIPA_Set WMP-22_0	of incidents in 2022 where the actions of a VM contractor posed a safety risk to workers or the 19 public. Please fit out the someadsheet "CalAdvacates.PGE-2023WMP-23. Atch01.viss" with the number.	number of trees worked by vendor, or poles worked by vendor depending on the program in question. Please see " WMP-Discovery2023_DR_CalAdvocates_022-Q009Atch01.xisx" spreadsheet for the number of trees worked by vendor for Routine(CEMA, EVM, Pole Work, and	Holly Wehrman	5/2/2023	5/5/2023	5/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/hatural- disaster/wildfires/wildfires-mitigation: plan/reference-docs/2023/CalAdvocates_022.rip	1	N/A	8.2	Vegetation Management and Inspections	various
322	CalPA Set WMP	22 CalPA_Set WW 22	IP- 10	CaIPA_Set WMP- 22_Q10	of miles worked to each UMA contractor, in 2022 for each UMA processmithistime In response to bait an regard CaMArdocase-PGE-2022/UMM-PG2, question 1, PG&E provided to 2022 Quality Verification Distribution Audit report (WMA- Discover)2023 DR CaMArdocase 2002-0001 AexNatCONF pd1), a) For each of the 15 "zero toterance & high-risk findings" identified on page 4 of the above report, what anciences has PG&E laws to immitted these accordonamous in the future?	Welfin Rebuilt The Sustems Insonetions moream does not unck with VM contractives. The CONFIDENTIAL statisticness are being provided pursuant to the accompanying confidentially declaration.) The zero tolerance and high-takk findings were (page 4 of the report): 1. (b) Zero Tolerance and high-takk findings were (page 4 of the report): 1. (c) Zero Tolerance – Work Not Done (WND) (4) Missed Inspections; (1) Unsafe conductor desclared (11) High-Bick _ 1/3) Excernitistimated conductors (contential file hearth (11) Workson (11) Statement (11) Workson (11) Statement (11) Workson (11) Statement (11) Workson (11) Statement	Holy Wehrman	5/2/2023	5/12/2023	5/12/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/CalAdvocates_022.zip	2	N/A	8.1.6.1	Grid Design and System Hardening	Quality Assurance and Quality Control
323	CaIPA Set WMP	22 CalPA_Set WW	IP- 11	CaIPA_Set WMP- 22_Q11	3) For dark of the 1° - and versions a regional model coefficiency page a role as one dark of the second second second second second second second second second second table PGSE-10: 30 - 20 percent Res-Marked Circuit Segment 1° 023, 2024, 2022, and 2024 Table PGSE-10: 30 - 20 percent Res-Marked Circuit Segment 1° 023, 2024, 2022, and 2024 2020 for its rate for segment 16 bits Advanced Decisit Segment 1° 10 - 20 percent Res-Marked Decisit Segment 1° 10 - 20 percent Second secon	desLend (110) Hich 2014 (10) Exocoditionmode (conductors (contential fine baranti (-11) Witron a) A indicated in Table PGL8-11. S. J. Ner Top 2019. Risk Ranked Circuit Obsernet's miles can come from either the WDRM V2 or V3 Risk Rank Models. The 2023 risk rank for segments is based on the 2021 WDRM v2. The 2024-2026 risk rank for segments is based on the 2022 WDRM v3. The "10 Tan 2015. Risk Ranked Circuit Sementer" are rules selected from the WDRM V1 risk	Holly Wehrman	5/2/2023	5/5/2023	5/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CaIAdvocates_022.tip	0	N/A	8.1.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
324	CalPA Set WMP	23 CalPA_Set WW	IP- 1	CaIPA_Set WMP-23_0	2019 to 2002. These circuits are note blow as 'mitigated with SVB robots' in Your Mitigated by 2019 to 2002. These circuits are note blow as 'mitigated with PSPS Protock'. 'Please explain in detail how circuit 10 152481106 (circuit name Brunswick 1106) would have been mitigated by PSPS Protocols.		Holly Wehrman	5/3/2023	5/8/2023	5/5/2023	https://www.pge.com/pge_slobal/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/CalAdvocates 023.zip	0	N/A	9.2	Public Safety Power Shutoff	Protocols on PSPS
325	CalPA Set WMP-	23 CalPA_Set WW	IP. 2	CaIPA_Set WMP-23_0	nave misjated customers served by each or the attented circuits during this PSPS de- energization event.	See response to question 1 in this data request set for explanation on how the current PSPS Protocols would mitigate customers. PG&E does not collect demographic data, such as racial/ethnic breakdown or income distribution,	Holly Wehrman	5/3/2023	5/8/2023	5/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_023.zip	0	N/A	9.2	Public Safety Power Shutoff	Protocols on PSPS
326	CalPA Set WMP	23 CalPA_Set WW	IP- 3	CaIPA_Set WMP-23_0	p. A-9, please provide the demographics (especially racial/ethnic breakdown and income 13 distribution), if known, for each census tract that received benefits of the following programs: a) Self-Generation Incentive Program b) Portable Rattery Program	from its customers. The only proxy that PG&E is aware of is participation in the California Alternate Rates for Energy (CARE) program, which qualifies customers based on income. PG&E provides three tables — one for each of the Self-Generation Incertive Processment Portable	Holly Wehrman	5/3/2023	5/8/2023	5/5/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 023.zip	3	N/A	8.5.3	Community Outreach and Engagement	Engagement with Access and Functional Needs Population
327	OEIS 004	OEIS_004	1	OEIS_004_Q1	In PO&E's WMP, it states its TIPW framework analyzes positive and negative changes in grid performance and reliability year-over year and applies a timeweighted approach to weigh more recert years of learned performance more heavily in the final model output. ¹ (7, 69). a What metrics are used to analyze the year-over-year changes in orid performance and	Enterior Provana, and Cenorator and Entero Reinter Denome, Inst arrowings the uniter of 1.5 The IPW models times changes in programmer through the Nuoliv relationity between outage occurrence and the weather conditions present. We use evaluation metrics like the AUROC values as publisher in ori WIPP to assess models all of model deportment. In Toron, system handmargs in ontain explicit features, or track, of the IPW mostlow by changes in a Torone, system handmargs in ontain explicit features, or track, of the IPW mostlow by changes in a The OPW-IPW model does not differentiate between crucings that had or have EPS seatabed	Colin Lang	5/4/2023	5/9/2023	5/9/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS_004.zip	0	N/A	9.2.1	Public Safety Power Shutoff	Risk Thresholds (e.g., WS, FPI, etc.) and Decision-Making Process That Determine the Need for a PSPS.
328	OEIS 004	OEIS_004	2	OEIS_004_Q2	coggreging serves in new location. In the server of the	a. In the UP Y-P Y index to be not universitiate basedent of Custom as an auto univer car 36 trauted currently. The ESP programs in not respected to create additional outlages, outlage activity over the past 5 years on these circuits during the May to November time frame has been essentially flat, including in 2020 when EPSS uses flatly related ut. The outlages that do occur and to impact more runchange since the context into the context and the context to the according and the context to the context and tabutments are being provided pursuant. The one flatles and tabutments are being provided pursuant to the accompanying confidentially.	Colin Lang	5/4/2023	5/9/2023	5/9/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS 004.zip https://www.pee.com/page_global/common/pdfs/	0	N/A	9.2.1	Public Safety Power Shutoff	Risk Thresholds (e.g., WS, FPI, etc.) and Decision-Making Process That Determine the Need for a PSPS.
329	OEIS 004	OEIS_004	3	OEIS_004_Q3	a. Table 8-39 Personnel Training • EP&R Energency Preparedness Training Program Personal Customer Concurs in SPSS Officienties PS-05	declaration. a. After Action Reports are not created for Personnel Training, including the items identified in	Colin Lang	5/4/2023	5/9/2023	5/9/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS 004.zip	2	N/A.	8.4.2.2.2	Emergency Preparedness	Personnel Training
330	OEIS 004	OEIS_004	4	OEIS_004_Q4	In PSPS objective PS-05, PO&E states that it will focus on a group of customers "not limited to In PSPS objective PS-05, PO&E states that it will focus on a group of customers "not limited to AFN, MBL and self-sterified vulnerable populations." I how does PG&E define this group of customers it is focusing on? In Mat is the size of this concurved customers that PC&E is focusion on? Regarding Areas of Concern and Occused Tree Respectives (PTI) (Table 3-30. Both and the second secon	Colin Lang	5/4/2023	5/9/2023	5/9/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/0EIS 004.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A.	8.5.3	Community Outreach and Engagement	Engagement With Access and Functional Needs Populations
331	OEIS 004	OEIS_004	5	OEIS_004_Q5	a. How will PG&E address risk from green hazard trees (those not obviously dead, dying, or dealing) in non-Areas of Concern? b. PAVMP_2023-PG&E-003, Question 7, PG&E indicated that ISA TRAQ form is not digitized and will be used as a nick for ETL buries ETL what information is insufficient of the Question of the PG and the previde. Regarding Enhanced Vegetation Management	declaration. a. Ac utilined in PG&E's Vegetation Management Distribution Inspection Procedure, provided as YMMP-Discovery2023 DR. CoEIS_004-Q0054x401CONF.pdf, "It AVM identifies a hazard tree during a Level 1 inspection. a Level 2 inspection will be performed to determine if tree work is Year.	Colin Lang	5/4/2023	5/9/2023	5/9/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS 004.zip	1	N/A	8.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections
332	OEIS 004	OEIS_004	6	OEIS_004_Q6	a. Populate the following table with information regarding EVM: Year HFTD Miles Completed Instructed Strike Potential Trees. Researching Featured Management	HFTD Miles Completed Inspected Nrike We would like to amend our response to "WMP Discovery2023_DR_0EIS_0040006.pd;"	Colin Lang	5/4/2023	5/9/2023	5/9/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS_004.zip https://www.gge.com/gge_global/common/pdfs/	1	N/A	8.2.2.2.6	Vegetation Management and Inspections	Discontinued Programs
332	OEIS 004	OEIS_004	6RE	OEIS_004_Q6REV	a. Populate the following table with information regarding EVM: Year HFTD Miles Completed Information Brokenial Trans. Q7. Regarding Vecetation-Caused Outgages	The total lead of literation design in the transmission of literation of	Colin Lang	5/4/2023	5/15/2023	5/15/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/0EIS 004.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.2.2.6	Vegetation Management and Inspections	Discontinued Programs
333	OEIS 004	OEIS_004	7	OEIS_004_Q7	between 2015 and 2022, broken out by year. PG&E may add additional rows (i.e., mode of failure) if panded	be filtered to only include outages in HFTD areas. Please see attachment "WMP- Discovery2023_DR_OEIS_004-Q007Atch01 xlsx" for the system wide vegetation-caused	Colin Lang	5/4/2023	5/9/2023	5/9/2023	https://www.pge.com/pge_ploba/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/0EIS 004.zip https://www.pge.com/pge_plobal/common/pdfs/	1	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-28 – Progression of Effectiveness of Enhanced Clearances Joint Study Method Used to Compare and
334	OEIS 004	OEIS_004	8	OEIS_004_Q8	VIGCTATION CAUSED ALTACE MADE OF EALINE Regarding Vigenation Issands Magains Levy PPR Magainal Vigenation Issands Magains Levy PPR Magainal Vigenation Issands Magains Levy PPR Magainal Vigenation Issands Magains Levy Magains (Magains) (Magains) able of vigetation Issands Magains) mode of failure in the HPTD Letteren 2015 and 2022 Marchine (Magains) (Magains) (Magains) (Magains) (Magains) Marchine (Magains) (Magains) (Magains) (Magains) (Magains) Marchine (Magains) (Magain		Colin Lang	5/4/2023	5/9/2023	5/9/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/0EIS 004.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	9.2.2	Public Safety Power Shutoff	Method Used to Compare and Evaluate the Relative Consequences of PSPS and Wildfires
335	OEIS 004	OEIS_004	9	OEIS_004_Q9	Minimi can 2 Aut use is can understand with a second and		Colin Lang	5/4/2023	5/9/2023	5/9/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS 004.rjp https://www.pge.com/pge_global/common/pdfs/	1	N/A.	Appendix D	Areas for Continued Improvement	ACI PG&E-22-31 – PSPS Wind Threshold Change Evaluations
336	OEIS 004	OEIS_004	10	OEIS_004_Q10	one of the biggest hazards during PSPS event is the potential for tree fail into ine" (n. 956). a. Explain "one of the biggest hazards during PSPS event" in terms of risk (e.g., likelihood, consequence) Regarding RSE (Filks Ruy-down) information required by the WMP Guidelines	Data Report PG&E submits to the OEIS, where all of the ignitions are listed, including those that pose the highest risk for ignition. PG&E has incomposited tree strike notential and wenefation tans into its PSPS midance. a PG&E met with Energy Selectivia documents this data memory on Max 11 - 2023. During that	Colin Lang	5/4/2023	5/9/2023	5/9/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS 004.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-31 – PSPS Wind Threshold Change Evaluations
337	OEIS 004	OEIS_004	11	OEIS_004_Q11	The 2023-2025 WMP Guidelines make specific requests for RSE, optimization of risk reduction and cost, and prioritization decisions: 2.1.4.1 Identifying and Evaluation Mitigation Initiatives.	meeting, PG&E confirmed that "RSE" and "risk buydown" are distinct terms with different meanings. In its request, Energy Safety used the term "RSE" to describe the calculation of the batal risk reduced divided by the cost of the mitigation in a given year. "PG&E discussed how this version of RSE considers risk reduced for one war. but it does not take into account the length of	Colin Lang	5/4/2023	5/19/2023	5/19/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS_004.zip	1	N/A	7.1.4	Wildfire Mitigation Strategy Development	Identifying and Evaluating Mitigation Initiatives

338	OEIS	004	OEIS_004	12	OEIS_004_Q12	Regarding the PG&E framework for PSPS tisk. The sections that reliate to models PSPS-L, PSPS-C, PSPS-V and PSPS-R do not sufficiently describe the calculations that ultimately result in a PSPS Risk Score. The Guidelines for section 6.2 Risk Analysis Framework require detailed discussion of likelhood, consequence, exposure robertial and valuenability for Patific Safety Pauer Structer(I) (PSPS) Risk.	a. (i) The details on the inputs to the PSPS-L model are shown in Appendix B figures PGAE-B-3 and PGAE-B-4 and full documentation provided as part of VMMP-Discovery2023 DR, OEBs 001-0007/Abr020CMF pdf submitted to the Office of Energy Infrastruture and Safety on Aprel 10, 2023. The LOPE framework used to calculate Mathematical as DBPS aural to the LOPE framework used to calculate Mathematical as DBPS aural to the LOPE framework used to calculate Mathematical as DBPS aural to the LOPE framework used to calculate Mathematical as DBPS aural to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to calculate Mathematical as DBPS and to the LOPE framework used to the LOPE framework used to the LOPE framework uset	Colin Lang	5/4/2023	5/16/2023	5/16/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/0EIS_004.zip	0	N/A	6.2	Risk Methodology and Assessment	Risk Analysis Framework
339	OEIS	004	OEIS_004	13	OEIS_004_Q13	Indextinuard underschlist für Frühle Saften Erner Studiett (INSER) Reis Regarding (NSEX Sates) Traksing Database While NSE& provided information in the 2023-25 WHP's Appendix if on its overall progress in Asset Immerity Data Dage, it is not class with RSE& progress is on the high-risk decide asset Immerity Database (Insert Sates) and RSE sates) and RSE asset Interform Sates (Insert Sates) and RSE asset Inserts (Insert Sates) and RSE asset Inserts (Insert Regarding RSEX is used Database Constants Decided Inserts Antonional Sates) Regarding RSEX is used Database Constants Decided Inserts (Inserts Antonional Sates) Decided Decided Inserts (Inserts) and Inserts (Inserts Antonional Sates) (Inserts Antonional Sates) (Inserts Antonional Sates) Regarding RSEX is used Database Constants Decided Decided Decided Decided Inserts (Inserts Antonional Sates) Regarding RSEX is used Database Constants Decided Decided Database Decided Inserts (Inserts Antonional Sates) (Inserts) (Inserts Antonional Sates) Regarding RSEX is used Database Constants Decided Database Decided Inserts (Inserts Antonional Sates) (Inserts Antonional Sates) (Inserts Antonional Sates) (Inserts Antonional Sates) (Inserts Antonio Ant	The LOBE Foresemult used in contrastitu likelihood of a DSPE exercise. In responding to this request, PASE is unumfaint with the term High Filer Rick Districts* and assumes this is a reference to "High Filer Rick Areas" (HFRA) a. As stated in response to Subgrant (I-WMP-Discovar2023, DR, CEE) 0.03- 0010 g/R*, PASE is not presently table to quantify the number of ansates mixing comman acred investments, Alexanar and ano participations and indefined in the anter termina.	Colin Lang	5/4/2023	5/23/2023	5/23/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS 004.zip	1	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-33 – Progress on Filling Asset Inventory Data Gaps
340	OEIS	004	OEIS_004	14	OEIS_004_Q14	(PVD) a. Provide any analysis completed on reliability impacts due to DCD, including: i. The surpher of outpace that occurred due to DCD in 2022 and 2023.	17 outages have occurred with DCD settings enabled. ii. The table below matches outage causes to the Ignition Drivers used in Table 6 if the 2000 D4 Overheim Deb Development	Colin Lang	5/4/2023	5/9/2023	5/9/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS_004.zip	0	N/A	8.1.2.10.1	Grid Design and System Hardening	Downed Conductor Detection Devices
341	OEIS	004	OEIS_004	15	OEIS_004_Q15	Regarding Feasibility Constraints PG&E must provide an explanation of how, if at all, feasibility constraints impact the decision making of its Wildlire Governance Steering Committee in selecting a portfolio of mitigation measures that deviates from the risk informed prioritization. This should include:	In the 2022 of Call left your Report. II: DCD1 is an advisoral nonzeneral as nant of EPSS. BCAE will enable FGAE respectively objects to fits request to the extent the request incorrectly implets. PGAE does not use a "insk-informed primitization" when execting willing methydators. As described throughout the 2023-2025 WMP, and specifically in Section 7.1.4.2, we begin developing out isid of proposed imfligations by analyzing risk events, ink drivers,	Colin Lang	5/4/2023	5/9/2023	5/9/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation-	1	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-34 – Revise Process of Prioritizing Wildline Mitigations
342	OEIS	004	OEIS_004	16	OEIS_004_Q16	a. A flowbart or exclanation of decision makins as nonesened to the Wildlin Countrance Regarding Elifectionenses of EPS8 and the elifection of EPS8 and the elifection of the elifection of the elifection of the analysis demonstrating adequate overlap between EPS8 rate and wildfire risk to a Provide analysis demonstrating adequate overlap between EPS8 rate and wildfire risk to ensure PG8E - integrition are an enclosed descing wildfire risk to second addition of the elifection of the ensure PG8E - integriting adequate overlap between EPS8 rate and wildfire risk to ensure PG8E - integriting adequate overlap between EPS8 rate and wildfire risk to ensure PG8E - integriting adequate overlap between EPS8 rate and elifert risk to ensure PG8E - integriting adequate overlap between EPS8 rate and elifert and the elifert addition and enclosed register and the elifert addition overlap elifert elifert addition addition addition addition overlap elifert addition addition addition elifert addition addition addition addition addition addition addition addition elifert addition addition addition addition addition addition addition addition elifert addition addition addition addition addition addition addition addition elifert addition addition addition addition addition addition addition addition addition elifert addition addition addition addition addition addition addition addition elifert addition addit	and consensionices. Subject to and without sambino these objections. PC&E resconds as: a. The 2022 EPSS lightion Reduction is calculated using the formula below: 1 – 2022 (2018 – 2020)	Colin Lang	5/4/2023	5/9/2023	5/9/2023	plan/reference-docs/2023/OEIS 004.zip https://www.ope.com/ope_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS 004.zip	2	N/A	8.1.8.1.1	Grid Design, Operations, and Maintenance	Protective Equipment and Device Settings
343	OEIS	004	OEIS_004	17	OEIS_004_Q17	c. Provide PC&F subtrant for resourcing PESS.directed mitistion mesures, includion ratios. Regarding PC&E indergoroundly program a. Provide the cumatative V2 and V3 risk scores of the 2022 WMP vs. 2023 WMP undergorounding score for 2023-2026. This should not include for account for feasibility. b. Provide the analysis on the remaining risk of the miles no longer scoped for undergrounding.	When-different testing and CPUT LHTTD Recordship Erics Institutes, a Media a PGBE interpreter auxiliarity in Kalcons and Data Kalcons of each choicit segment based on the 2021 WIDRA v3 and the 2022 WIDRA v3. Pease note, for the 2022 WIDRA rat 2023 WIDRA violations, the battle factores are provided at the CP2-benet, Eric March 2021 WIDRA violations and each resonance and the CP2 exert Eric March 2021 WIDRA violations and each resonance and the CP2 exert and the control of the CP2 exert and the control of the CP2 exert Eric March 2021 WIDRA violations and each resonance and the CP2 exert and the CP2 exert and the control of the CP2 exert and the	Colin Lang	5/4/2023	5/9/2023	5/10/2023	plan/reference/docs/2025/0015/004.20 https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfire-mitigation- plan/reference-docs/2023/0EIS 004.2p	2	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
344	TURN	012	TURN_012	1	TURN_012_Q1	1. Please confirm that the Simplified Wildlire Risk Spend Efficiency (SWRSE) and Wildlire Feasibility Expenditure (WFE) measures discussed on page 968 of PG&E's WMP- a. Are only calculated by PG&E for undergrounding projects; and b. Cannot be used to compare the cost-effect/wences of undergrounding projects with any other	b) Correct, the intent of calculating SWRSE and WFE was to support the selection process for targeted undergrounding projects only.	Tom Long	5/5/2023	5/11/2023	5/11/2023	http://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfire-miligation- plan/reference-docs/2023/TURN_012.zip	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-34 – Revise Process of Prioritizing Wildline Mitigations
345	TURN	012	TURN_012	2	TURN_012_Q2	Ironiects 2. Companing the wildfire mitigation work proposed in PG&E's WMP with the wildfire mitigation work proposed in PG&E's test year 2023 GRC (A 21-06-021): a. Please describe any differences in wildfire mitigation programs proposed or volume of wildfire mitigation work proposed between the WMP and GRC for the years 2023-2025; and	C) To apply the first or a strategies of the mitigation accouncil to the WHP and the effect of the WHP and the effect of the work of the WHP and the effect of the work of the WHP and the effect of the work of the effect of the work of the WHP and the effect of the work of the effect of th	Tom Long	5/5/2023	5/12/2023	5/12/2023	http://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-miligation- plan/reference-docs/2023/TURN_012.zip	0	N/A	7.2.1	Wildlire 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_Q1	b. For any differences (as described in schema "a"), dense provide a table that shows on a Provide updated CPUC-reportable grinto data. SPO's correct data set at attached for 2014- 2021. The current data is an aggregated data set based on the data found here, under Fire Ignition Data. WSPS is requesting an updated data set to resolve four potential issues:	The nonsistion of wildline mitination processors includes: Please find the requested information attached as "WMP-Discovery2023_DR_SPD_004- 0001Akh01 skx: Please Note: For column E (FPI), the Fire Potential Index (FPI) rating is only assigned to locations in	Henry Sweat	5/5/2023	5/19/2023	5/17/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/SP0_004.zip	1	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-06 – Addressing Increase in Risk Events
347	CPUC - SPD (Safety Policy Division)	004	CPUC - SPD (Safety Policy Division)_004	2	CPUC - SPD (Safety Policy Division)_004_Q2	$\label{eq:linear} \begin{array}{l} 1.WSPS concernally understands that screen initiations may have been variabled at the fine the data in addition to the data requested above, please add the following data conversion of initiation 1."HETD" – Classify each ignition as whether it was located in a "Zone 1,""Ther 2" or "Tiler 3", or "Non-HETD" – Zi-Fire Potential Index" – Provide the Fire Potential Index for the location on the day of each conversional screen in the screen of the screen $	a Even (priore Area (EA)A which are notworks that holicable (hut not always) allow with. Please find the requested information attached as "WMP-Discovery2023_DR_SPD_004- 0001Akh01 skx." A. The requested information is identified in column H. b. The requested information is identified in column E.	Henry Sweat	5/5/2023	5/19/2023	5/17/2023	http://www.ppe.com/pge.global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-miligation- plan/reference-docs/2023/SPD 004.zip	0	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-06 – Addressing Increase in Risk Events
348	CPUC - SPD (Safety Policy Division)	004	CPUC - SPD (Safety Policy Division)_004	3	CPUC - SPD (Safety Policy Division)_004_Q3	Provide the total number of circuit mile-days for each Fire Potential Index rating per year starting in 2014.	Deace Monte: Deace find the respected information below. This analysis was completed by first counting the number of days each Fire Index Area (FA) was forecast a contain rate per year. Those day counts were then multipled by the number of CM line mites in each FA to provide the circum mit-days. Beace find the requested information below.	Henry Sweat	5/5/2023	5/19/2023	5/17/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/SPD_004.zip	0	N/A	8.3.6	Situational Awareness and Forecasting	Fire Potential Index
349	CPUC - SPD (Safety Policy Division)	004	CPUC - SPD (Safety Policy Division)_004	4	CPUC - SPD (Safety Policy Division)_004_Q4	Provide the total number of days per year for each Fire Potential Index rating for each Fire Index Area starting in 2014.	Please find the requested information below. This analysize was completed by counting the number of days each Fire Index Area (FA) was forecast at a certain rating per year. Please note that behave 2014 and 2016 we did not record FM ratings below R4, and behave and 2014 and 2014 Zee Area Record EA index Bits in nur Anahovaar. Also Research first the meaded information below.	Henry Sweat	5/5/2023	5/19/2023	5/17/2023	https://www.gec.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/SPD_004.zjp	0	N/A	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_Q5	Provide the total number of circuit mile-days for each Fire Potential Index rating in the HFTD per year starting in 2014.	Please find the requested information below. This analysis was completed by first counting the number of days each Fire Index Area (FIA) was forecast at a certain rating per year. Those day counts were then multipled by the number of OH line mixes in each FiA and the HFID to provide the circuit milleday. This is a slicht variation of neastion 3. That includes all circuit mixes in analy FIA as in general, we have been evaluating our performance methics against indicators of	Henry Sweat	5/5/2023	5/19/2023	5/17/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation: plan/reference-docs/2023/SPD_004.zip	0	N/A	8.3.6	Situational Awareness and Forecasting	Fire Potential Index
351	CPUC - SPD (Safety Policy Division)	004	CPUC - SPD (Safety Policy Division)_004	6	Policy Division)_004_Q6	Explain how the utility is normalizing for the effect of weather and fuel conditions when understanding its performance each year on ignitions relative to changing weather and fuel conditions year over year.	elevated FPI days (e.g., R3 and above) for the last several years as well as red flag warning days.	Henry Sweat	5/5/2023	5/19/2023	5/17/2023	https://www.pge.com/pge.global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/SPD_004.zip	0	N/A	8.3.6	Situational Awareness and Forecasting	Fire Potential Index
352	CalPA	Set WMP-24	CalPA_Set WMP- 24	1	CaIPA_Set WMP-24_Q1	In reference to your response to Question 11 of DR CalAdvocates-PGE-2023WMP-16, on the excel spreadsheet WMP-Bucovery 2023_DR (016-0011Atch01, a) On table (a) frough (c), places definity the circuit with OH to US conversion projects that have no adjacent circuit res. b) On table (if) and (in decase identify the addacent circuits that lie to the circuits with DH to US.	To provide a more specific example, we are normalizing for weather in the EPSS microtaneous-barrow in the biological user's are the average badring for individual circuits that are adjacent to circuits in (d) and (e) respectively. For example, Anderson 1010 is adjacent to activate ting undergrounde. The average badring for individual for the structure of the source and the structure of the structure of the Anderson 1010 in (f), but Anderson 1010 is not listed in (a) through (e) because Anderson 1010 in (f).	Holly Wehrman	5/9/2023	5/12/2023	5/11/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- diaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CaIAdvocates_024.zip	2	N/A	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	Is the sole source of this POI data the machine learning algorithm described in WDRM documentation? If not what other inputs go into the POI?	Yes, the POI data shown is the result of the process and data described in section 6.2.1 and shown in Table PG&E 6.2.1.1. The fine-grained features (sharp contrasts in values between neighboring pixels) in PG&Es risk.	Joseph Mitchell	5/10/2023	5/15/2023	5/15/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/MGRA_005.zip	0	N/A	Appendix C / 6.4.1.1, 6.4.1.2	Risk Methodology and Assessment	Geospatial Maps of Top Risk Areas Within the HFRA Proposed Updates to HFTD
354	MGRA	Data Request No. 5	MGRA_Data Request No. 5	2	MGRA_Data Request No. 5_Q2	Is the fine-grained POI distribution a result of the localization of specific historical outages, characteristics of assets or environment, or both? Which of the following characteristics is known or suspected to contribute to the fine-grained	The time grained reasures (rating contrasts in values centeen neighboring poxes) in Product 5 rats, model outputs are a product of finely varying predictive constrates, including assic characteristics and environmental attributes. Pease see PGSE's response to Question 4 of this Data Request for an explanation of how historical outges may influence fine-grained board. As mentioned in the response to MGRA 014 O/014. "At the ninelihourcine level, the model does the data prepresenting the filem sister in parts a through e all contribute, hurvarying degrees	Joseph Mitchell	5/10/2023	5/15/2023	5/15/2023	https://www.pge.com/pge.global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/MGRA_005.zip	0	N/A	Appendix C / 6.4.1.1, 6.4.1.2	Risk Methodology and Assessment	Geospatial Maps of Top Risk Areas Within the HFRA Proposed Updates to HFTD
355	MGRA	Data Request No. 5	MGRA_Data Request No. 5	3	MGRA_Data Request No. 5_Q3	Icealization of POI shown above, and to what degree: a. Vegetation b. Tree density and height	depending on location and geography, to the fine-grained localization seen in PG&E's risk modeling outputs, including the spatial view provided by MGRA. Fine grained localization may any disubse locations of standingent covariable analyticity (0.62 Ex reacting territory (or a	Joseph Mitchell	5/10/2023	5/15/2023	5/15/2023	https://www.ege.com/gee_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_005.zip	0	N/A	Appendix C / 6.4.1.1, 6.4.1.2	Risk Methodology and Assessment	Geospatial Maps of Top Risk Areas Within the HFRA Proposed Updates to HFTD
356	MGRA	Data Request No. 5	MGRA_Data Request No. 5	4	MGRA_Data Request No. 5_Q4	c. Asset heath As an example of "localized outage" effects, if a vehicle were to collide with a utility pole and cause an outage in the boundary of the image above, and if the POI were to be recalculated, would the area where the outage occurred show an elevated POI OF would concernedly the incremental increase risk of vehicle collision outage be generally distributed over the entire landscore. As a conclored the landscore?	basis forces that an and to a conformation are submitted with the matrix of the transmitted probability of the second se	Joseph Mitchell	5/10/2023	5/15/2023	5/15/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_005.zip	0	N/A	Appendix C / 6.4.1.1, 6.4.1.2	Risk Methodology and Assessment	Geospatial Maps of Top Risk Areas Within the HFRA Proposed Updates to HFTD
357	MGRA	Data Request No. 5	MGRA_Data Request No. 5	5	MGRA_Data Request No. 5_Q5	Are fire weather winds included in the WDRM v3 POI model in any other manner than that described in WDRM v2 discussion, in which aggregated yearly variables such as annual maximum or manail days over peak are used as explanatory variables? With reference to Question 10 of data request CalAdvocates-PGE-2023WMP-16, please	Yes. In WDRM v3, day-of-went wind speed and fuel conditions are significant covariates in the probability of lightion given an outage model, which is trained on the conditions at the locations and on the day of each outage. Wind and other contributors to 'fire weather' conditions are also prominent in the consequence calculations in WDRM v3.	Joseph Mitchell	5/10/2023	5/15/2023	5/15/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_005.zip	0	N/A	Appendix C / 6.4.1.1, 6.4.1.2	Risk Methodology and Assessment	Geospatial Maps of Top Risk Areas Within the HFRA Proposed Updates to HFTD
358	CalPA	Set WMP-25	CalPA_Set WMP- 25	1	CaIPA_Set WMP-25_Q1	augment your response by including partial outages as well as circuit outages (see definitions above). Specifically: please provide an Excel sheet listing each circuit that had outages (including	Please see "WMP-Discovery2023_DR_CalAdvocates_025-Q001Atch01.x6x" for information responsive to items (k)-(q).	Holly Wehrman	5/11/2023	5/18/2023	5/18/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 025.zip https://www.pge.com/pge_global/common/pdfs/	1	N/A	QDR	N/A	N/A
359	OEIS	005	OEIS_005	1	OEIS_005_Q1	Soft circuit canges and partial actigns; that occurred from 2020 to 3022 to 1991 yFB7 Dares. The soft charter of the other shares in a run. Brease months the following condition/formation. In: Respecting the bits bits of the soft conditioned to the soft conditioned the soft conditioned the soft conditioned to the soft conditioned to the soft conditioned to the soft conditioned with a soft conditioned to the soft conditioned to the soft conditioned to the soft conditioned discussion of pape. Instations, and improvement areas with emodal or corrective action plane as the soft conditioned to the	The Operator's Net York and the Instantian and the gradient provided parameters in a size accompanying confidentiality declaration. Please references Section Six 'After Action Reports' in the 2022 CERP Wildfire Annex (published April 1, 2022), included as attachment 'WMP Discovery2023_DR_OEIS_005- 00014Ach01CONE and '	Colin Lang	5/11/2023	5/16/2023	5/16/2023	https://www.pge.com/pge_globa/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/0EIS 005.zip https://www.pge.com/pge_global/common/pdfs/	3	N/A	Maturity Survey	Maturity Survey	Maturity Survey
360	OEIS	005	OEIS_005	2	OEIS_005_Q2	Regarding Maturity Survey response to Sec 6.1.4 Question #2, PG&E answered "yes" Regarding the Maturity Survey response to Section 6.1.4 Question #2, PG&E answered "yes" that an external thing party evaluation is conducted every the years. Please provide a copy of the most recent third party evaluation. Recarding Maturity Survey response to Sec 6.1.4 Question #7	Pose Collabora durinaria public intercing wirin public safety par limits, eticide consulta, and other interesting parties, to solid interchanking related for the company's emergency response plan (CERP). Although feedback has been solicited no formal evaluations have been received. Pease inference Section 1, 6 of the CERP Located on PCAE's which at the following PGAE conducts amana Invelves with Subject Matter Experts to evaluate the CERP and	Colin Lang	5/11/2023	5/16/2023	5/16/2023	https://www.pge.com/pge_globa/common/pdis/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/0EIS 005.ip https://www.pge.com/pge_global/common/pdfs/	0	N/A	Maturity Survey	Maturity Survey	Maturity Survey
361	OEIS	005	OEIS_005	3	OEIS_005_Q3	Regarding Maturly Survey response to Sec 6.1.4 Question #7, PG&E answered 'yes' Regarding the Maturly Survey response to Section 6.1.4 Question #7, PG&E answered 'yes' that Subject Matter Expert (SME) partners review and evaluate tis plan every five years. Please provide a copy of the most recent SME evaluation(s). 1.1. Following up on TURN DR 10.2(b) and PG&E's response:	Its associated functional and hazard specific annexes. The process for this annual review is documented in YMMP-Discovery2023 DR_OEIS_005-0003Aech10CONF.pdf Please note, these review sessions are considered working meetings and do not result in a formal evaluation or revort a. The top 20 percent of risk ranked circuit segments is dependent on the number of circuit to the second of the second of the second s	Colin Lang	5/11/2023	5/16/2023	5/16/2023	safety/emergency/reparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/0EIS_005.sip	1	N/A	Maturity Survey	Maturity Survey	Maturity Survey
362	TURN	013	TURN_013	1	TURN_013_Q1	a. Please explain how PGAE determined that a risk rank per the V3 risk model above 720 constitutes the top 20% of risk ranked segments? Why does 720 represent the 20% threshold? Please explain Please provide undermoster, advictations and data in Evral that support use represent. Please model	segments analyzed in each WDRM model. For WDRM v3, the model includes all circuit segments across PGAE's entire overhead distribution system, which is 11,172 circuit segment (see WMP- Discover)/023. PTURN_011-0001Acb/1, tius: 514 composite_cs_summary). To distribute a commaniale methodologue as shown in MDRM v2 (described in over this behavit a. Year	Tom Long	5/11/2023	5/16/2023	5/15/2023	https://www.pe.com/pe_eloba/common/pols/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/TURN_013.zip https://www.pe.com/pae_eloba/common/pdfs/	0	N/A	8.1.2.2	Grid Design, Operations, and Maintenance	Undergrounding of Electric Lines and/or Equipment
363	Green Power Institute (GPI)	002	Green Power Institute (GPI)_002	1	Green Power Institute (GPI)_002_Q1	 Auros provide. The number of trees removed in each year from 2019-2022 and the program under which the removals occurred. The number of planned tree removals for 2023, 2024, and 2025, and the program under which the removals will occur. 	Routine Second Patrol EVM 2019 There are approximately 40,000 HFTD and HFRA miles in PG&E service territory.	Zoe Harrold	5/11/2023	5/16/2023	5/16/2023	https://www.pge.com/pge_pdoal/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/SPI 002.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	82224	Vegetation Management and Inspections	Tree Removal Inventory
364	Green Power Institute (GPI)	002	Green Power Institute (GPI)_002	2	Green Power Institute (GPI)_002_Q2	Please provide the number of distribution line miles PG&E will perform trimming on to achieve enhanced clearances (> 12). Please provide any existing quantitative metrics (e.g. kg, truckkads, etc.) on the total amount of	PG&E performs inspection on all line miles within HFRA and HFTD areas. While PG&E does not have a program dedicated to enhanced clearances, we are following the prescription in General Order 95, Rule 35 and our Distribution Standards which recommends a minimum 12-feet of clearance at time of trim in High Eire. Thread District (HETD). PG&E also endends this minimum	Zoe Harrold	5/11/2023	5/16/2023	5/16/2023	safety/www.pge.com/pge_global/common/pdis/ disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/GPI 002.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	8.2.3.3	Vegetation Management and Inspections	Clearance
365	Green Power Institute (GPI)	002	Green Power Institute (GPI)_002	3	Green Power Institute (GPI)_002_Q3	vegetation management "waste" (or residues) produced each year from 2020 – 2022, and the annual amounts that are disposed of at recycling facilities, landfills, biomass facilities, or other facilities.	Puse took not tack vegetation management, water data for all vith program. Vegetation management "water' data is available for PGAE contracted wood yands, which include wood detris from vanious program, and the Walfree Wood Management program. This data is not available prior to 2021. The following is the existing data on tograme of wester wood that came through PGAE's contracted.	Zoe Harrold	5/11/2023	5/16/2023	5/16/2023	safety/mww.ge.com/pe_gooa/common/pds/ disater/wildfire-mitigation- plan/reference-docs/2023/GPI 002.ap https://www.pge.com/pge_global/common/pdfs/	0	N/A	82.3.2	Vegetation Management and Inspections	Wood and Slash Management
366	Green Power Institute (GPI)	002	Green Power Institute (GPI)_002	4	Green Power Institute (GPI)_002_Q4	Please provide the number of customer requests to retain woody biomass resulting from vegetation management activities on private property, state property, and federal property.	We do not track customer requests to retain woody biomass resulting from Vegetation Management activities. The U.S. Forest Service (USFS), Bureau of Land Management (BLM), National Park Service	Zoe Harrold	5/11/2023	5/16/2023	5/16/2023	safety/mww.ge.com/pg-good/common/pds/ disater/wildfire-mitigation- plan/reference-docs/2023/SPI 002.ap https://www.ge.com/ge_slobal/common/pdfs/	0	N/A	82.3.2	Vegetation Management and Inspections	Wood and Slash Management
367	Green Power Institute (GPI)	002	Green Power Institute (GPI)_002	5	Green Power Institute (GPI)_002_Q5	Please describe current agreements and any recent (2021-Present) communications with state and federal agencies regarding fuels and slash management practices on state and federal lands, respectively.	(NPS), and California State Parks (CASP) have the authority to require specific wood and debris management (e.g., wood or bg removal, decking, chipping up to a certain diameter, pling) be incorporated into proposate for Vegetation Management work on their lands. Several public assencies, includion USES have revolded PGAE with their expectations for wood and rebris.	Zoe Harrold	5/11/2023	5/16/2023	5/16/2023	safety/emergency-reparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/GPI_002.zip	0	N/A	8.2.3.2	Vegetation Management and Inspections	Wood and Slash Management

368	MGRA	Data Request No. 6	MGRA_Data Request No. 6	1	MGRA_Data Request No. 6_Q1	PG&E was requested to provide an Excel spreadsheet containing outage IDs. These were delivered with an OutageIID totally unrelated to the DOutageID that it lists in its outage data provided as a result of DR1. Please provide the file sent in reporter to DR4-08 as soon as possible.	"WMP-Discovery2023_DR_MGRA_006-Q001Atch01.xisx" contains a new column called "DOutageID" that will align with the same outage identifier (ID) from DR1.	Joseph Mitchell	5/15/2023	5/18/2023	5/18/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_006.zip	1	N/A	8.1.8.1.1	Grid Operations and Procedures	Protective Equipment and Device Settings
369	MGRA	Data Request No. 6	MGRA_Data Request No. 6	2	MGRA_Data Request No. 6_Q2	Please add (or re-add) a simple "cause" attribute to this outage file.	"WMP-Discovery2023_DR_MGRA_006-Q001Atch01.xisx" contains a new column called "basic_cause" as requested.	Joseph Mitchell	5/15/2023	5/18/2023	5/18/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_006.zip	0	N/A	8.1.8.1.1	Grid Operations and Procedures	Protective Equipment and Device Settings
370	MGRA	Data Request No. 6	MGRA_Data Request No. 6	3	MGRA_Data Request No. 6_Q3	Likewise, please add a 'cause' attribute to the outage data in the GIS files issued in response to MGRA DR1. Alternatively, provide an Excel file in which cause is cross-referenced to DoutageID.	"WMP-Discovery2023_DR_MGRA_006-Q001Atch01.xisx' includes both "basic_cause" and "DOutageID" for cross-referencing.	Joseph Mitchell	5/15/2023	5/18/2023	5/18/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_006.zip	0	N/A	8.1.8.1.1	Grid Operations and Procedures	Protective Equipment and Device Settings
371	MGRA	Data Request No. 6	MGRA_Data Request No. 6	4	MGRA_Data Request No. 6_Q4	If there are refusals or delays to the above please provide the EPSS data in a kmz format similar to that provided in response to MGRA DR2-Question 8.	Not applicable.	Joseph Mitchell	5/15/2023	5/18/2023	5/18/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/MGRA_006.zip	0	N/A	8.1.8.1.1	Grid Operations and Procedures	Protective Equipment and Device Settings
372	CPUC - SPD (Safety Policy Division	005	CPUC - SPD (Safety Policy Division)_005	1	CPUC - SPD (Safety Policy Division)_005_Q1	 Regarding costs inherent in PG&E's undergrounding grid hardening miligation initiative projects, used in calculating cost efficiency and project feasibility as described in the 2023-2025 VWP (p. 434 and p. 963). to date and looking forward: What was the average cost per circuit mile for undergrounding in 2022, 2021, and 2020, in the HETD, non-METD and therinovus/de? 		Kevin Miler	5/15/2023	6/12/2023					8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
373	CPUC - SPD (Safety Policy Division	005	CPUC - SPD (Safety Policy Division)_005	2	CPUC - SPD (Safety Policy Division)_005_Q2	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., Unformat). If the utility uses a different format, provide internal documentation on that format so SPD can understand the cost estimate.		Kevin Miller	5/15/2023	6/12/2023					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_Q3	3.How is PG&E incorporating subsurface variability (e.g., encountering hard rock, slope, or other conditions presenting significant, physical obstacles) into undergrounding cost calculations? Provide an example.		Kevin Miller	5/15/2023	6/12/2023					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_Q4	4.PG&E has stated that CallTrans trench depth requirements exceeded PG&E trench depth requirements. How has this impacted costs and planning? For planning purposes, what a percentage of anticipated underground circuit miles will be impacted by the CallTrans trench depth requirements for 2023-2025?		Kevin Miller	5/15/2023	6/12/2023					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_Q5	5.How does service life impact cost calculation?		Kevin Miller	5/15/2023	6/12/2023					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_Q6	What is the estimated multiple for conversion from overhead (OH) line to underground (UG) line (e.g. 1.2 BM OH convertis 1: 0.10 BM UG)? J. How was this conversion rate durined? J. How was the standard as the accepted/operating average for project planning purposes? T.On pitd projects completed to date: at What is the total ai-h cost per mit?		Kevin Miller	5/15/2023	6/12/2023					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_Q7	7.On pilot projects completed to date. as What is the binal-finite costs per mile? by What is the binal-focus per mile? SPD expects to see the following components inside of the costs, although SPD understands they may not be broken down in this exact format:		Kevin Miller	5/15/2023	6/12/2023					8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
379	CPUC - SPD (Safety Policy Division	005	CPUC - SPD (Safety Policy Division)_005	8	CPUC - SPD (Safety	8.Please provide WMP-Discovery2023_DR_TURN_007-Q001Atch01CONFxtax, used to 8 address TURN Data Request 7. Question 1, discussing RSE calculation for system hardening.		Kevin Miller	5/15/2023	6/12/2023					8.1.2.2	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_Q9	9.On page 151 of the 2022-2025 WMP, PG&E states that the WDRM v3 ignition source is "PG&E's Historical (gnitions Data, 2015-2021 (approximate)r2,2500 CPUC-reportable ignitions and approximately 1,900 non-reprotable ignitions); a Describe how PG&E is using the -1,900 non-CPUC-reportable ignitions in its risk modeling. Porvide this - 900 non-CPUC-reportable ignitions; is a second-text in format, modeling.		Kevin Miller	5/15/2023	6/12/2023					6.2.1	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_Q1	a Browie bite – 1 900 non CPLII C-executable institution data as a screadbater la format circlinia ta. 1 After it was profiled out by SPD bite three appared to be a discrepancy in the methodologies used to calculate the risk miligation effectiveness of EPSs. Undergrounding and Covered Conductor (CC), PAEE stated that CC is probably the most mature "miligation effectiveness are deficient on empirical data and cross utility colaboration, EPSs is the second mode at Lis have on empirical data and that II (Si is the sect mature miligation effectiveness and and that and that II (Si is the sect mature) and effectiveness and that is an effectiveness based on empirical data and that II (Si is the second mode and the sect mature).	PG&E notes that the calculation of risk miligation effectiveness can be computed in various ways, and taking different approaches to calculate effectiveness for different mitigations does not necessarily constitue a discregency. The mitigation effectiveness calculation for covered conductor was articulated as being the most "mature" because the birth CII careed upon a common methodoleno using a conditionism of estimated and the birth CII careed upon a common methodoleno using a conditione of estimated and the birth CII careed upon a common methodoleno using a conditione of estimated and the birth CII careed upon a common methodoleno using a conditione of estimated and the birth CII careed upon a common methodoleno using a conditione of estimated and the birth CII careed upon a conditione of estimated and the birth CII careed upon a conditione of estimated and the birth CII careed upon a conditione of estimated and the birth CII careed upon a conditione of estimated and the birth CII careed upon a conditione of estimated and the birth CII careed upon a conditione of estimated and the birth CII careed upon a conditione of estimated and the birth CII careed upon a conditione of estimated and the birth CII careed upon a conditione of estimated and the birth CII careed upon a conditione of estimated and the birth CII careed upon a conditione of estimated and the birth CII careed upon a conditione of estimated and the birth CII careed upon a conditione of the birth CII careed and the birth CII careed upon a conditione and the birth CII careed and the birth CII careed upon a conditione and the birth CII careed and the birth CII careed upon a conditione and the birth CII careed and the birth CII careed upon a conditione and the birth CII careed and the birth CII careed upon a conditione and the birth careed and the birth CII careed upon a conditione and the birth careed and the birth CII careed upon a conditione and the birth careed and the birth careed the birth careed and the birth caree	Kevin Miller	5/17/2023	5/22/2023	5/22/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-miltigation: plan/reference-docs/2023/SPD_006.zip	0	N/A	8.1.8.1.1	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_Q2	The state of the second state of the state o	calculation for converted conductive mean and cultured as lenging the most "instance" forecases and a discussion of the second second second second second second second second a discussion of the second sec	Kevin Miller	5/17/2023	5/22/2023	5/22/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/SPD_006.zip	0	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
383	CPUC - SPD (Safety Policy Division	007	CPUC - SPD (Safety Policy Division)_007	1	CPUC - SPD (Safety Policy Division)_007_Q1	1.What types of covered conductor (size of conductor, material of conductor, voltage rating of conductor – if PG&E can point to product data from a manufacturer, this would be preferred) does PG&E toose different types of covered conductor types near coastal areas?	The CONFIDENTIAL attachments are being provided parsured to the accompanying confidentially docturation. Please refer to Table 18 – Pimmary Auminum ACSR and Copper XL PE Tree Wire (page 10 of 12) in PGE4 standed 05062; Voicouchers for Overhand Lines' AMME DiscommoN23. DB. SED. 007.0011 Abs/DI/CNBExtd1 be the accompanying The CONFIDENTIAL attachments are being provided parsurable to the accompanying the CONFIDENTIAL attachments are being provided parsurable to the accompanying the CONFIDENTIAL attachments are being provided parsurable to the accompanying the CONFIDENTIAL attachments are being provided parsurable to the accompanying the CONFIDENTIAL attachments are being provided parsurable to the accompanying the CONFIDENTIAL attachments are being provided parsurable to the accompanying the CONFIDENTIAL attachments are being provided parsurable to the accompanying the CONFIDENTIAL attachments are being provided parsurable to the accompanying the CONFIDENTIAL attachments are being provided parsurable to the accompanying the CONFIDENTIAL attachments are being provided parsurable to the accompanying the CONFIDENTIAL attachments are being provided parsurable to the accompanying the confidence of the confidence of the confidence of the test parsurable to the confidence of the test parsurable to the accompanying the confidence of the test parsurable to the confidence of the test parsurable to the confidence of test parsurable to the confidence of test parsurable to the test parsurable to the confidence of test parsurable to the confidence of test parsurable to test parsura	Henry Sweat	5/17/2023	5/18/2023	5/18/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/SPD_007.zip	3	N/A	8.1.2.1	Grid Design and System Hardening	Covered Conductor Installation – Distribution
384	055	006	OEI5_008	1	OEI5_008_01	Closed, as applicable. V Within no.6 *FC ID, FCAE Rockade 13 Priority H level work orders that were closed in 2022 and U. Egglian that circumstances would lead to a Priority H garden non-HFTD. 1. Egglian that circumstances would lead to a Priority H garden non-HFTD. 1. Provide a list of the priorisch mich that FL leads end or draw see associated with, including details on the associated inflightion being used. 1. Provide a list of the sprace has well being used. 1. Provide a list of the sprace has that the S2 work orders were associated with, including details 1. Provide a list of the sprace has the start therebed by experiment they are also and the sprace meets agrino risk orders, including any relevant therebed by experiment type, inits core, etc.) regiftment ta leggli is a discussion the response to Caldwords the Reserved Dead. 1. Provide AGEE to Id Fasility-Damage-Action(FDA) cores to determine whether or not a work order meets agrinor risk, including any relevant therebed by experiment type, inits cores 1. Provide AGEE to Id Fasility-Damage-Action(FDA) cores to determine whether or not a work order 1. Provide AGEE to Id Fasility-Damage-Action(FDA) cores to determine whether or not a work order server any other not, a discussion the response to Caldwords to Bothersing which nees present any other not, a discussion the response to Caldwords to Bothersing the response to the Adem Adem Dead Server Dead Ser	a These is no difference between the terms "Hold Salely Reassessment" and "Human Field Salely Reassessment." The summarises them analogs the term of the set of the Salely Reassessment. The summarises them analogs the set of the	Dakota Smith	5/182023	5/23/2023	5252023	bitas Unawa ase com Jase akobal common (activ) <u>aketar (aketar kaketar kaketar Kaketar kaketar kaketar</u>	8	NA	8.1.7	Open Work Orders	NA
385	OEIS	006	OEIS_006	2	OEIS_006_Q2	Regarding PG&E's Other Data Requests: a. Provide the following confidential attachments from CalAdvocates Data Requests: 1. Attachment 1 in response to Data Request 19 Question 13. ii. Attachment 1 in response to Data Request 21 Question 3.	Cate at which the las is to be resulted or transessed acain. The funded result date The CONFIDENTIAL attachments are being provided pursuant to the accompanying confidentially declaration. a. Please see "WMP-Discovery_DR_OEIS_006-0002Acc010CONF_zipt" for the requested confidential attachments previously provided to Cal Advocates.	Dakota Smith	5/18/2023	5/23/2023	5/23/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-/wildfire-mitigation- plan/reference-docs/2023/OEIS_006.zip	2	N/A	NA	N/A	N/A
386	OEIS	006	OEIS_006	3	OEIS_006_Q3	al. Attochment 1 in sectoone to fists Decent 29 Fluencion 7 Regarding F6245 response to F120 Nrs Data Request 7, Question 3: a. For each of the circuit segments listed in part (b), provide the following via Excet: I. WFE score ii. SWRSE	repeased used and an annual memory perivadory provides to administratives. In annual to the second s	Dakota Smith	5/18/2023	5/23/2023	5/23/2023	pian/reference-aocs/2023/0EIS_006.21p https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/0EIS_006.21p	1	N/A	8.1.2.2	Grid Design and System Hardening	Undergrounding of Electric Lines and/or Equipment – Distribution
387	OEIS	007	OEIS_007	1	OEIS_007_Q1	iii Enability come, iii Enability come, iii Charlond La, mars provided to customers due to PCPE and widther emergencies to Section 8.4.8, the lide duent of encircular PCRE provides to customers due to PCPEs and widther emergencies is unclear. Descrite PCRE's ful scope of services for each service listed (a, b, c, c), below as if relates to PCPEs and within emergencies and the segment of customers served for that service. Init, visconision of anch service, address the surveition under can blade for address of the PCPE and within emergencies and of its head the site of the Tothermite PCRE and the PCPE and the PCRE and the PCPE and the PCRE and the PCPE and the PCRE and the PCPE and the PCRE and the PCPE and the PCRE and the PCPE and the PCRE and the PCPE and th	score a. L. The CPU (I ssued (D.) 19-07-015, adopting an emergency disaster relief program for utility customers. The trigger to implement the program is an emergency declaration by the governor of California or president of the United states with or the time to the state of the United	Alan Solomon	5/24/2023	5/30/2023	5/30/2023	https://www.pge.com/pge_global/common/pdfs/ https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-miltigation- plan/reference-docs/2023/0EIS 007.zip	0	N/A	8.4.6	Emergency Preparedness	Customer Support in Wildfire and PSPS Emergencies
388	OEIS	008	OEIS_008	1	OEIS_008_Q1	unkes of a multi-sear historical tree data set "	intended to inform decision makers at various steps of the vacuation management	Dakota Smith	5/25/2023	5/31/2023	5/31/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitgation- plan/reference-docs/2023/OEIS_008.zip	0	N/A	8.2.2.2.5	Vegetation Management and Inspections	Focused Tree Inspections
389	OEIS	008	OEIS_008	2	OEIS_008_Q2	a. Liquin of the list is field in the second sec	cycle, for these that remain unmittigated through removal. The the data can inform mice handless, channels, and forestanders. The information cannels more handless can be a a in the 2022 WMM, PG&E information can be informed and information to conclusion of the start of an end of the start of the start of the start of the start of an end of the start of the start of the start of the start of an end of the start of the start of the start of the start of an end of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the start of the star	Dakota Smith	5/25/2023	5/31/2023	5/31/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-miligation- plan/reference-docs/2023/OEIS_008.zip	1	N/A	8.1.2.3	Grid Design and System Hardening	Distribution Pole Replacements and Reinforcements
390	OEIS	008	OEIS_008	3	OEIS_008_Q3	Regarding Inspection Find Rates a. Provide PG&E's work order find rate for distribution detailed and patrol inspections respectively, broken down by quarter from 2018 to 2022.		Dakota Smith	5/25/2023	6/5/2023					8.1.3.2	Asset Inspections	Distribution Asset Inspections
391	OEIS	008	OEIS_008	4	OEIS_008_Q4	Regarding PG&E's response to TURN DR 10 Question 4 a. Provide Attachment 1 with the following additional columns: L. Length of Ine (m) II. V3 Risk Score II. V3 Risk Score II. V3 Risk Score	a. Please see attachment "WWP-Discovery0223. DR: DEIS 008-0004Abdb1stack" for the requested updates. Length of line (m), V3 Mean Risk Score, V3 Total Risk Score, and V3 Risk Rank can be bound in Columns F4, respectively. Length of line (m) as represented by the field unbandened overhead high fire (HFT D+ HFRA) milles as the notification stands for UET1 and UEER3 intrait as amende	Dakota Smith	5/25/2023	5/31/2023	5/31/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/OEIS_008.zip	1	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-34 – Revise Process of Prioritizing Wildline Mitigations

				1		SPD appreciates the timely response and provision of ignition data as requested, via "WMP-						https://www.pge.com/pge_global/common/pdfs/					
392	CPUC - SPD (Safety Policy Division)	008	CPUC - SPD (Safety Policy Division)_008	1REV	D (Safety Policy Division)	ISPD approximate the timely response and provident of lightim data as requested via "WMA- Discovery0203. Tex SPD Qu-Could Areb11 + However, tappears the data for Course U ("Outage Date") and V ("Outage "Time") were provided in an incorrect format for rows broynd row 408, PO&E meets to result with the data with correct outage date and time information. Please provide a corrected data file with rows beyond rows 468 in the correct formats (11 as data format. Please provide a cory of each VMM-Prelated documents, to withmission, or response you submit to the	Please see "WMP-Discovery2023_DR_SPD_008-Q001AIch01.x8x* for the updated spreadsheet with the requested corrections to columns U and V.	Kevin Miller	5/26/2023	5/31/2023	5/31/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/SPD 008.zip	1	N/A	Appendix D	Areas for Continued Improvement	ACI PG&E-22-06 – Addressing Increase in Risk Events
Pre-Discovery 01	CalPA	Set WMP-01	CalPA_Set WMP- 01	1	CaIPA_Set WMP-01_Q	Office of Energy Infrastructure Safety (Energy Safety) in 2023 that is related to your WMP. Provide the copy to Cal Advocates within one business day of the document's submittal to Energy	GENERAL OBJECTIONS TO THIS SET OF DATA REQUESTS PG&E objects to the instructors or definitions in the set of data requests entitled CalAdvocates- PGE-2023/WH-01 that purport to impose any obligations greater than those provided by the applicable rules and decisions of the Commission or and any other statutes, orders, rules, or laws implicit the renarisative at wheth and initiative inter the Commission to and any other statutes, orders, rules, or laws implicit the renarisative at wheth and initiative inter the Commission to and any other statutes. PGAE objects to	Holly Wehrman	2/7/2023	2/14/2023	2/14/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_001.rip	0	N/A	N/A	N/A	N/A
Pre-Discovery 02	CalPA	Set WMP-01	CalPA_Set WMP- 01	2			Attachment "WMP-Discovery2023 DR, CalAdvocates_001-002Atch01CONF.pdf" is our WMP pre-submission to Energy Safely. Please note that this document is not our final WMP submission and may be subject to revision before the final WMP is submitted in the submitted in March. Additionally, we have designated this entire submission as confidential to align with Energy Safely's crewsiting increases and nairbines which individe that the one submission	Holy Wehrman	2/7/2023	2/15/2023	2/15/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_001.zip	1	N/A	N/A	N/A	N/A
re-Discovery 03	CalPA	Set WMP-01	CalPA_Set WMP- 01	3	CaIPA_Set WMP-01_Q	Provide a copy of al documents or files that are referenced in your WMP Quanterly Data Reports and submitted to Energy Safety (including but not limited to al PDFs, spatial data files, non-spatial data files, and confidential attachments) on the same business day that the document is sent to Energy Safety.	Index Accordingly, we have background the entry scientification at accordination at payly time. Lengthy and the science of th	Holly Wehrman	2/7/2023	2/14/2023	2/14/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_001.zip	0	N/A	N/A	N/A	N/A
re-Discovery 04	CaIPA	Set WMP-01	CalPA_Set WMP- 01	4	CalPA_Set WMP-01_Q	Provide a copy to Cal Advocates of al your confidential responses to WMP discovery requests, on the same business day that you send the documents to the issuer of the discovery request. 1 This includes: a) Confidential responses to WMP discovery requests issued by Energy Safety. b) Confidential responses to WMP discovery requests issued by chere entities.	s allow bardensome. Howe takes to the objects to the request as the minimulation requested is vague, ambiguous, and overbroad. Lastly, PG&E objects to this request on the grounds that it seeks to impose a continuing response obligation on the responding party. Continuing discovery	Holy Wehrman	2/7/2023	2/14/2023	2/14/2023	https://www.pge.com/pge_plobal/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 001.zip	0	N/A	N/A	N/A	NA
Pre-Discovery 05	CalPA	Set WMP-02	CalPA_Set WMP- 02	1	CaIPA_Set WMP-02_Q	Please identify and provide a copy of all quality assurance or quality control (QAVQC) reports 1 conducted by internal entities that were completed since January 1, 2022 and that examined any programs, initiatives, or strategies described in your 2022 WMP Update.	celetations are not nermitted under California law Bles v. Evens Mehlig Com. 124 Cali Ann ath. PGSE understands this question to refer to reports from our internal Quality Control, Quality Assurance, and Quality Verification programs as set forth below. System inspection: Department Please see the attachment below for the System Inspections CC Department's daily and weekly durahexing commistration (Kun-Defamona Individue) (CRD) and markets	Holy Wehrman	2/7/2023	3/7/2023	3/7/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 002.zip	6	N/A	N/A	N/A	N/A
re-Discovery 06	CalPA	Set WMP-02	CalPA_Set WMP- 02	2	CaIPA_Set WMP-02_0	Please identify and provide a copy of all quality assurance or quality control (QAQC) reports conducted by external entities that were completed since January 1, 2022 and that examined any programs, initiatives, or strategies described in your 2022 WMP Update. External entities include, bd are not limited to, consultants, contractors, auditors, court-appointed monitors, and horderednet Pravalentors.	The PG&E Independent Safety Monitor Status Update Report, dated October 4, 2022, discusses programs and initiatives described in our 2022 WMP. Please find the document here: https://www.cpuc.ca.gov/-Imedia/cpuc-website/industrise and topics/documents/pge/oversight- and-enforcement/lism-status-ucdate-report-0-2022 adf.	Holy Wehrman	2/7/2023	3/7/2023	3/7/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/calAdvocates_002.zip	1	N/A	N/A	N/A	N/A
Pre-Discovery 07	CalPA	Set WMP-02	CalPA_Set WMP- 02	3	CaIPA_Set WMP-02_Q		Please see attachment "WWP-Discovery2023_DR_CalAdvocates_002-003A4b011CONF.sks?" for a list of all alleged defects identified in December 2021 by the Office of Energy Infrastructure Safety ("Energy Safety"). Please note these defects were issued as notification of defects in March 2022.	Holly Wehrman	2/7/2023	2/22/2023	2/22/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 002.rip	1	N/A	8.1.3	Asset Inspections	N/A
Pre-Discovery 08	CalPA	Set WMP-03	CalPA_Set WMP- 03	1	CalPA_Set WMP-03_Q	a. Circuit name b. Circuit name	that document assumptions in the methodology for data collection. Where we have not included that document assumptions in the methodology for data collection. Where we have not included any poles, the data required data requires adaptations or assumptions in any various the request.	Holy Wehrman	2/7/2023	3/10/2023	3/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_003.zip	2	N/A	8.1.3	Asset Inspections	Distribution
Pre-Discovery 09	CalPA	Set WMP-03	CalPA_Set WMP- 03	2	CaIPA_Set WMP-03_Q	a. Circuit name b. Circuit ID number	Ero concess of this network ("Dine HETD" refers to Zone L zeros. PGGE is providing the negasistic transmission information of the circular level in the attachment named "WMP-Discovery/GO2_DR_Califorciates" (DioS-Q00 fAcht01.sks." Included in the table bowar encides that document assumptions in the methodology for data collection. Where we have not included any notes, the data provided dia not require adaptations collection. Where we have not included any notes, the data provided dia not require adaptations angenetis is: WMPE-Discoverprice20. DE Califorciates CONMENT data includes the table bowarm notes at the Califorciates CONMENT data."	Holly Wehrman	2/7/2023	3/10/2023	3/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_003.zip	0	N/A	8.1.3	Asset Inspections	Transmission
Pre-Discovery 10	CalPA	Set WMP-03	CalPA_Set WMP- 03	3	CaIPA_Set WMP-03_Q	<u>Totalization in this</u> . Provide an Excentibility 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 fermoval, removal diversibility of the time moved andergoard, or overhead lites that were decommissioned but not physically removed. Include the following information in separate Provide an Excent table of all international circuits esting as a of January 1, 2022 (as rows) that I	Attached is "WMP-Discovery2023_DR_Califorciates_003-0003Abh01 xbc/, which provides information regarding removads of primary distribution lines in HFD in 2022, which is the subset of the requested information available at this time. PG&E does not track line removals when relocating overhead to underground, removing secondary services, or removing lines in non- HFD. Further, our GIS canonible used to obtain this information retractively because when	Holy Wehrman	2/7/2023	3/10/2023	3/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-peeparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_003.zip	1	N/A	8.1.2	Grid Design and System Hardening	Work Performed in 2022
Pre-Discovery 11	CalPA	Set WMP-03	CalPA_Set WMP- 03	4	CaIPA_Set WMP-03_Q	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 not physically removed. Includes the following information in separate	Please see "WMP-Discovery2023_DR_CalAdvocates_003-Q004Atch01.xlsx.	Holly Wehrman	2/7/2023	3/10/2023	3/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/https/ disaster/wildfire-swildfire-mitigation- plan/reference-docs/2023/CalAdvocates_003.zip	1	N/A	Grid Design and System Hardening	System Hardening	Work Performed in 2022
Pre-Discovery 12	CalPA	Set WMP-03	CalPA_Set WMP- 03	5	CaIPA_Set WMP-03_Q	For each WMP initiative listed below, please state how the modeled Wildline Risk Scores for each circuit or circuit-segment influenced where you performed work in 2022. a EVM b. Covered conductor installation c. Lindeeroncadion.	(WDRM). The refined output from the 2021 WDRM is referred to as the EVM Tree-Weighted Prioritization. The EVM Tree-Weighted Prioritization prioritized the high risk CPZs with the second and the red with the device the tree the tree the tree to the tree the tree to the	Holy Wehrman	2/7/2023	3/10/2023	3/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_003.zip	0	N/A	2022 WMP Section 7.1	Wildlire Mitigation Strategy Development	N/A
Pre-Discovery 13	CalPA	Set WMP-03	CalPA_Set WMP- 03	6	CaIPA_Set WMP-03_Q	Linderconnection For each WMP initiative listed below, please state how the modeled Wildline Risk Scores for each (circuit or circuit-segment initianced how work in 2022 was sequenced. 5. EVM b. Covered conductor installation c. Linderconnection	and the control with the second secon	Holy Wehrman	2/7/2023	3/10/2023	3/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_003.zip	0	N/A	2022 WMP Section 7.1	Wildlire Mitigation Strategy Development	N/A
Pre-Discovery 14	CalPA	Set WMP-03	CalPA_Set WMP- 03	7	CaIPA_Set WMP-03_Q	Lindersounden For each WMP initiative listed below, please state how the modeled Widdline Risk Scores for each circuit or circuit-segment influence where you plan to perform work in 2023. a EVM b Concernantiation For each WMP initiative listed below, please state how the modeled Widdline Risk Scores for each	mitigating potential catastrophic wildfire risk caused by distribution overhead assets. The System	Holly Wehrman	2/7/2023	3/10/2023	3/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire=mtigation- plan/reference-docs/2023/CalAdvocates_003.zip	0	N/A	7.2	Wildfire Mitigation Strategy Development	Wildfire Mitigation Strategy
Pre-Discovery 15	CalPA	Set WMP-03	CalPA_Set WMP- 03	8	CaIPA_Set WMP-03_Q	circuit or circuit-segment influence how work in 2023 will be sequenced. 8 a. EVM b. Converd conductor installation	a. Puse is not conducting EVM in 2023. b. The circuit segments selected for the installation of covered conductor in the System Hardening program were based on the highest kildlife risk criteria described in response to Question 7(b). To then sequence projects, PGAE assesses the dependencies and readiness of each orgitect based on the stope of the work (ondesignino/destimation_nermit_accusition	Holly Wehrman	2/7/2023	3/10/2023	3/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_003.zip	0	N/A	7.2	Wildlire Mitigation Strategy Development	Wildfire Mitigation Strategy
Pre-Discovery 16	CalPA	Set WMP-03	CalPA_Set WMP- 03	9	CaIPA_Set WMP-03_Q	b. Covered conductor installation c. Undecorounding	b. Please refer to the response to Question 7b, which also applies to 2024. c. Please refer to the response to Question 7c, which also applies to 2024. d. Please refer to the response to Question 7d, which also applies to 2024. e. En transmission line, there is no harofest work channed in 2024 for nrid sectionalization. For	Holly Wehrman	2/7/2023	3/10/2023	3/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_003.zip	0	N/A	7.2	Wildlire Mitigation Strategy Development	Wildfire Mitigation Strategy
Pre-Discovery 17	CalPA	Set WMP-03	CalPA_Set WMP- 03	10	CalPA_Set WMP- 03_Q10	circuit or circuit-segment influence how work in 2024 will be sequenced. a. EVM b. Covered conductor installation c. Lindercruteding	b. Please refer to the response for Question 8b, which also applies to 2024. c. Please refer to the response for Question 8c, which also applies to 2024. d. Please refer to the response for Question 8d, which also applies to 2024. d. Please refer to the response for Question 8d, which also applies to 2024.	Holly Wehrman	2/7/2023	3/10/2023	3/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 003.zip	0	N/A	7.2	Wildlire Mitigation Strategy Development	Wildfire Mitigation Strategy
Pre-Discovery 18	CalPA	Set WMP-04	CalPA_Set WMP- 04	1	CalPA_Set WMP-04_Q	For each WMP shaker to WMch y00 k222, place provide: times actual capital expenditures (2022, place provide): a) The name of the initiative as it is identified in your 2023-3024 WMP b) The WMP Initiative name in table 11 of your 2023-2025 WMP b) The WMP Initiative name in its identified in your 2022-2022 WMP b) The WMP Initiative name in its identified in your 2022-2022 WMP b) The WMP Initiative name in table 11 of your 2023-2025 WMP Initiative name in table 11 of your 2023-2025 WMP b) The WMP Initiative name in table 11 of your 2023-2025 WMP Initiative name in table 11 of your 2023-2025 WMP Initiative name in table 11 of your 2023-2025 WMP Initiative name in table 11 of your 2023-2025 WMP Initiative name in table 11 of your 20	a) 2023 WMP Intancials are mapped per WMP Initiative Activities as laid out in Table 11 from Energy Sidely, A the 2023 WMP is an evolvel with new mapping of financialist by activities that align with the 2023 WMP parative, here is not an aptex-b-aptex energy and of the 2022 WMP were. Thus, the comparison can only be mode using the 2023 WMP with WT has the 2023 with a stratifies and section automatic sections and the section of the 2023 WMP and the section of the 2023 WMP and the section of the 2023 WMP and the section of the section of the section of the 2023 WMP and the section of	Holly Wehrman	2/7/2023	3/7/2023	3/7/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural: disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/Caldvocates_004.zip	0	N/A	Section 4.3	Proposed Expenditures	N/A
Pre-Discovery 19	CalPA	Set WMP-04	CalPA_Set WMP- 04	2		ames actual capital expenditures in 2022, pease provide: 2 a) The name of the initiative as it is identified in your 2023-2025 WMP	Energy Safety. As the 2023 WMP is a new cycle with new mapping of financials by activities that	Holly Wehrman	2/7/2023	3/7/2023	3/7/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/Calddvocates 004.zip	0	N/A	Section 4.3	Proposed Expenditures	N/A
Pre-Discovery 20	CalPA	Set WMP-04	CalPA_Set WMP- 04	3		c) The name of the initiative as it is identified in your 2022-2025 WMP Update	The 2022 VMP view Thus, the comparison can only be made using the 2023 VMP view. Redwarms the 7021 VMP view That is not provide the 2014 VMP view. Belowarms the 7021 VMP frameworks are mapped per VMP instance Activities as bid out in Table 11 from 1) 2020 VMP frameworks are mapped per VMP instance Activities as bid out in Table 11 from 1) 2020 VMP view. The standard out on applies-baseling the 2023 VMP view. Table view The 2023 VMP view. Thus, the comparison can only be made using the 2023 VMP view. The 2024 VMP view. Thus, the comparison can only be made using the 2023 VMP view. Table view That are the standard to the comparison can only be made using the 2023 VMP view. The 2024 VMP view. Thus, the comparison can only be made using the 2023 VMP view.	Holly Wehrman	2/7/2023	3/7/2023	3/7/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/Caldvocates_004.zip	0	N/A	Section 4.3	Proposed Expenditures	N/A
Pre-Discovery 21	CalPA	Set WMP-04	CalPA_Set WMP- 04	4	CaIPA_Set WMP-04_Q	For each WWP initiative for which you forecast operating expenditures in 3024 to be at least two times actual operating expenditures in 3022, plasase provide: 4 a) The name of the initiative number in Taking to 10 your 2023-2025 WMP b) The WMP Initiative number in Taking to 10 your 2023-2025 WMP Initiative number in the 10 your 2023-2025 WMP b) The WMP Initiative number in Taking to 10 your 2023-2025 WMP Initiative number in the 10 your 2023-2025 WMP b) The WMP Initiative number in the 10 your 2023-2025 WMP Initiative number in	a) 2022 HVM - Inactional are implete per vinner instance neurones as also do in rate 1 hours Energy Safety, Act in 2023 WMP is a new cycle with new mapping of instancials by activities that align with the 2023 narrative, there is not an applex-to-applex re-mapping of costs back to the 2022 WMP view. Thus, the comparison can only be made using the 2023 WMP view. Below are the 2023 WMP activities and section numbers where 2024 notestion exercise forecasts are at	Holly Wehrman	2/7/2023	3/7/2023	3/7/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/Caldvocates 004.zip	0	N/A	Section 4.3	Proposed Expenditures	N/A
Pre-Discovery 22	CalPA	Set WMP-05	CalPA_Set WMP- 05	1		provided information regarding its Wildline Distribution Risk Model version 3 (WDRM 4), Pease provided information regarding its Wildline Distribution Risk Model version 3 (WDRM 4), Pease provide an updated response to questions 1-7 of the above-referenced data request, including any new or charged information ince PE&E's original response. If the response to a question has not charged information ince PE&E's original response. If the response to a question has not charged information corridors within your service territory where failing or failing of J Have you deminded transportation.	No changes have been made to WDRM v3 since the September 8, 2022 response. a) The potential of failing or failing lines or poles near identified transportation corridors is not	Holly Wehrman	2/10/2023	3/10/2023	3/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/Caldvocates 005.zip	0	N/A	2022 WMP Section 4.5	Model Metrics and Calculation Methodologies	WDRM v3
re-Discovery 23	CalPA	Set WMP-05	CalPA_Set WMP- 05	2		lines or poles could currently limit egress and/or ingress during an emergency? 2 b) If the answer to part (a) is yes, please describe how you identify such transportation corridors. c) If available, please provide a geospatial data life that contains all current identified transportation corridors with incress and encess bazards	currently reflected in our risk modeling. PG&E Public Safety Specialists with experience as career withing firelighters have reviewed general egress and/or ingress concerns when evaluating circuits or circuit segments for potential system hardening work. b) Not analicable	Holly Wehrman	2/10/2023	3/10/2023	3/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_005.zip https://www.ge.com/gee_global/common/pdfs/	0	N/A	8.1.3	Asset Inspections	N/A
Pre-Discovery 24	CalPA	Set WMP-05	CalPA_Set WMP- 05	3	CaIPA_Set WMP-05_Q	Please fil out the attached spreadsheet, CalAdvocates-PGE-2023WMP-05 Attachment 1, requesting information regarding your asset inspections in 2022. Please augment Table 13 of the non-spatial data tables in your WMP Quarterly Data Report for	Please see attachment "WMP-Discovery2023_DR_CalAdvocates_005-Q003Atch01.xtsx" for the requested information a-b. Please see attachments "WMP-Discovery2023_DR_CalAdvocates_005-Q004Atch01.xtsb"	Holy Wehrman	2/10/2023	3/10/2023	3/10/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 005.zip	1	N/A	8.1.3	Asset Inspections	Inspections completed in 2022
Pre-Discovery 25	CalPA	Set WMP-05	CalPA_Set WMP- 05	4	CalPA_Set WMP-05_Q	Of all 3022, which reports asset-inhibited corrective notifications on electric drivals that were (open all the end the quarter, as follows: a Add the following information in asparate columns: I. Name of the associated circuit. Provide your workplain that describes where you will undertake EVM projects in 2023. This workplain should be in an Excel format, with circuit-segments as rows. Please include the following	for the requested Distribution information and "WMP Discovery2023_DR_Cal/dvocates_005- Q004Abch02.xiss" for the requested Transmission information. c. Please note that onlymps i i k and i will not be available for Distribution and Transmission	Holly Wehrman	2/10/2023	3/10/2023	3/10/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 005.zip bitass/ference-docs/2023/CalAdvocates 005.zip	2	N/A	2022 Q4 QDR	P	tags
Pre-Discovery 26	CalPA	Set WMP-06	CalPA_Set WMP- 06	1	CaIPA_Set WMP-06_Q	1 information in separate columns in the Excel spreadsheet at a minimum:	The EVM program concluded at the end of 2022. There is no EVM workplan for 2023	Holly Wehrman	2/10/2023	3/29/2023	3/29/2023	https://www.pge.com/pge_globa/common/pdry/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_006.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	2023-2025 WMP 8.2.3	Vegetation Management	EVM
Pre-Discovery 27	CalPA	Set WMP-06	CalPA_Set WMP- 06	2	CaIPA_Set WMP-06_Q	In Cross B Annobec, Provide your workplan that describes where you will undertake EVM projects in 2024. This workplan should be in an Excel format, with circut-agements as rows. Please include the following information in spearate columns in the Excel spearabether at a minimum; a) Circuit name in response to Data Request CalidAnocates.PGE-2022WWP-11, Question 2, March 3, 2022,	The EVM program concluded at the end of 2022. There is no EVM workplan for 2024. Please see "WMP-Discovery2023 DR. CalAdvocates 006-Q003Atch01.sisx" for actual 2022.	Holly Wehrman	2/10/2023	3/29/2023	3/29/2023	https://www.pge.com/pge_global/common/pdry/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 006.zip https://www.pge.com/pge_global/common/pdfs/	0	N/A	2023-2025 WMP 8.2.3	Vegetation Management	EVM
Pre-Discovery 28	CalPA	Set WMP-06	CalPA_Set WMP- 06	3	CaIPA_Set WMP-06_Q	PG&E provided its 2022 EVM workplan. Please provide an updated version of this workplan that 3 lists the actual EVM mileage performed in each circuit-segment in 2022 as a new column. Rows should be added as needed to cover all circuit-segments where you performed EVM work in 2022 (when if those circuit-segments) were not included in the circuit workplan. In resonres to Tubat Remark Clarkwordsen-REF-2022WIMP.(In Section 11 March 27, 2022	EVM mileage data broken down by circuit segment. Column G on tab '2022 EVM Miles Planned' contains the number of miles planned for EVM work in 2022. a) To maximize methods of widthe risk effectively and efficiently, the Echapored Venetation	Holy Wehrman	2/10/2023	3/29/2023	3/29/2023	safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 006.zip	1	N/A	2022 WMP 7.3.5.2	Vegetation Management and Inspections	Enhanced Vegetation Management
Pre-Discovery 29	CalPA	Set WMP-06	CalPA_Set WMP- 06	4	CaIPA_Set WMP-06_Q	PGE stated the following: "Through 2022, the EVM program includes strike trees evaluation and the following: "Through 2022, the EVM program includes strike trees evaluation and the hard trees mitigation, overhang clearing and radial clearance. Starting in 2023, Enhanced VM only includes overhang clearing." als the distance above all anomale as of the date of this non-uest?	Management (EVM) program concluded at the end of 2022. b) Three new VM program swill be incorporated into the 2022 workplan. These programs for VM are Focused Tree Inspections, VM for Operational Miligations, and Tree Removal Inventory. - Focused Tree Inspections, We developed second areas of forcing, intermet to as Alexas of	Holy Wehrman	2/10/2023	3/29/2023	3/29/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 006.zip	0	N/A	2022 WMP 7.3.5	Vegetation Management and Inspections	Program Costs

Pre-Discovery	CaIPA	Set WMP-06	CalPA_Set WMP-	5	CaRA SatWMD.05 OF	In response to Data Request CalAdvocates-PGE-2022/WIP-15, Question 16, March 18, 2022, PG&E provided the following table, which shows spending on vegetation management programs in thousands of dolars (actual figures for 2019-2021 and forecast figures for 2022-2023):	Please see updated table below with 2022 Actuals, and our current forecasts for 2023 and 2024.	Holly Wehrman	2/10/2023	3/29/2023	3/29/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural-	0	N/A	Vegetation Management	N/A	N/A
30	UR A	Jet www-00	06	5	0m-4_0e: www-06_05	Please update this table as follows: a) I Indate the 2022 column to state actual speeding in 2022		лону иченный	2.102023	3202020	GEDIEOED	disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates 006.zip	v	100	v-gesation management	005	DEPA
Pre-Discovery 31	CalPA	Set WMP-06	CalPA_Set WMP- 06	6	CaIPA_Set WMP-06_Q6	Please provide a list of any incidents in 2022 where the actions of a VM contractor posed a safety risk to workers and/or the public. "Safety risk" here is defined as any occurrence on a worksite where the contractor's actions created a safety hazard for either workers or the general public.	· Contractor Name/ParentCo: The contractor/parent company involved in the incident.	Holy Wehrman	2/10/2023	3/29/2023	3/29/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_006.zip	1	N/A	Vegetation Management	N/A	N/A
Pre-Discovery 32	CalPA	Set WMP-06	CalPA_Set WMP- 06	7	CalPA_Set WMP-06_Q7	PG&E provided its 2022 system hardening workplan for the categories referred to in parts (a)-(d) below. Please provide an updated version of this workplan with additional course to show the actual system hardening work performed in each circuit-segment in 2022 for each of these categories. PG&E reformed	comprehensive list of 2022 projects. Similarly, the 2020 columns were only for projects that overlapped with 2021 completed miles. It did not represent a comprehensive list of 2020 projects.	Holy Wehrman	2/10/2023	3/29/2023	3/29/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-miligation- plan/reference-docs/2023/CalAdvocates 006.zip	1	N/A	2022 WMP Section 7.3.3.17	Grid Design and System Hardening	System Hardening
Pre-Discovery 33	CaIPA	Set WMP-06	CalPA_Set WMP- 06	8	CaIPA_Set WMP-06_Q8	Provide your workplan that describes where and when you will perform system hardening on distribution circuits in 2023. For projects that you expect to partially complete in 2023 (i.e., projects that started before 2023 and are expected to continue in 2023, or projects that are expected to be completed after 2023), piases include the project and report the work that you forecast will achieve be enformed in calendar ware 2023.	Pease see attachment "WMP-Discovery2023_DR_CaM4hocates_006-Q008Atch01CONF.stsx" a. See columns A (order number), and B (order description) b. See column D c. See column D d. See. columns E	Holly Wehrman	2/10/2023	3/29/2023	3/29/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_006.zip	1	N/A	2023 WMP Section 8.1.2.5	System Hardening	N/A
re-Discovery 34	CalPA	Set WMP-06	CalPA_Set WMP- 06	9	CaIPA_Set WMP-06_Q9	Provide your workplan that describes where and when you will perform system hardening on distribution circuits in 2024. For projects that you expect to partially complete in 2024 (i.e., projects that are expected to start before 2024 and are expected to continue in 2024, or projects that are expected to be completed after 2024), jolanse include the project and report the work that your (nenexat all activative for experiment in calcentar year 2024.	Please see "WMP-Discovery2023_DR_Calidvocates_006-Q008Atch01CONF.xtsx." a. See columns A (order number), and B (order description) b. See column D c. See column D d. See columns F.	Holy Wehrman	2/10/2023	3/29/2023	3/29/2023	https://www.pge.com/pge_global/common/odfs/ safety/emergency-preparedness/natural- disater/wildfire-wildfigation- plan/reference-docs/2023/CalAdvocates_006.zip	0	N/A	2023 WMP Section 8.1.2.5	System Hardening	N/A
Pre-Discovery 35	CalPA	Set WMP-06	CalPA_Set WMP- 06	10	CaIPA_Set WMP- 06_Q10	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, Calildivocates PGE-2023/MIN-06 Attachment 1. Add columns as needed.	Please see details on the cost and mileage breakouts in attached file "WMP Discovery2023_DR_CalAdvocates_006-Q010Atch01.xtx.	Holy Wehrman	2/10/2023	3/29/2023	3/29/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_006.zip	1	N/A	2023 WMP Section 4.3	Proposed Expenditures	System Hardening
Pre-Discovery 36	CalPA	Set WMP-06	CalPA_Set WMP- 06	11	CaIPA_Set WMP- 06_Q11	Please provide a spreadheet living (as rows) each undergrounding project completed during the period of January 1, 2022; through December 31, 2022. For each project, please provide the following information (as columns); a) Project ID number or other identifier b). Circuit ID.	See "WMP-Discovery2023_DR_Calkdvocates_006-0011Atch01CONF.stsx." a) Project ID number or other identifier – See columns A (order Number) and B (Order Description) b) Circuit ID – See column C -LID of each circuit secrement that was, extirate undercomunded in the registrat_mounterproduction.	Holy Wehrman	2/10/2023	3/29/2023	3/29/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- diaster/wildfire-mitigation: plan/reference-docs/2023/CalAdvocates_006.zip	1	N/A	8.1.2.2	Grid Design, Operations, and Maintenance	Undergrounding of Electric Lin and/or Equipment
Pre-Discovery 37	CalPA	Set WMP-06	CalPA_Set WMP- 06	12	CaIPA_Set WMP- 06_Q12	Please provide a goodatabase file with a polyline feature for each undergrounding project completed during the period of January 1, 2022 through December 31, 2022. In addition to the spatial location, please provide the following attributes for each project: a) Project ID number or other identifier, matching part (a) of the previous question b). Circuit ID.	See attachment 'WMP-Discovery2023_DR_CalAdvocates_006-Q012Atch01CONF.zip." Please note that the data reflected in this GIS geospatial file will not match the data set from Q11 due to the process time lag between construction completion and being fully mapped in GIS.	Holy Wehrman	2/10/2023	3/29/2023	3/29/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation: plan/reference-docs/2023/CalAdvocates_006.zip	1	N/A	8.1.2.2	Grid Design, Operations, and Maintenance	Undergrounding of Electric Lin and/or Equipment
re-Discovery 38	CalPA	Set WMP-06	CalPA_Set WMP- 06	13	CaIPA_Set WMP- 06_Q13	Identify any ignitions in 2022 associated with assets where you had an existing corrective notification at the time of the ignition. Please provide a spreadsheet listing each such ignition (as rows) with the following information in separate columns: a) Unique ignition ID b) Date of incrition.	Please see the table below identifying 2022 CPUC reportable ignitions where the asset involved in the ignition was associated with an existing open corrective maintenance notification at the time of the event. Ignition ID Date of Ionnion	Holy Wehrman	2/10/2023	3/29/2023	3/29/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_006.rip	0	N/A	2022 WMP Section 7.3.4	Asset Management and Inspections	N/A
Pre-Discovery 39	CalPA	Set WMP-06	CalPA_Set WMP- 06	14	CaIPA_Set WMP- 06_Q14	a) Has PG&E's Asset Failure Analysis Team causally connected any ignitions that occurred in 2022 to assets with existing asset or vegetation corrective notifications at the time of ignition? b) if the answer to part (a) is yes, please provide the following information on each such ignition: i. Unique ignition ID (matching the previous question) ii. Date of innition	a) Yes, please see below. b) Two ignitions have been identified that meet these criteria: lignition ID Date of Ignition Cause Type of Corrective Notification Contes of Associated	Holly Wehrman	2/10/2023	3/29/2023	3/29/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_006.rip	0	N/A	2022 WMP 7.3.7	Data Governance	Asset Failure Analysis
Pre-Discovery 40	CalPA	Set WMP-06	CalPA_Set WMP- 06	15	CaIPA_Set WMP- 06_Q15	Per PG&E's response to Data Request CalkAlocates-PGE-2022WMP-17, Question 13, March 24, 2022, PG&E's inspection strategy in 2022 was to complete detailed inspections on all assets in HFTD Ter 3 and Zone 1, and approximately one-third of assets in HFTD Ter 2. a) Please describe any changes to the above strategy for PG&E's detailed distribution inspections: 0203.	 a) Beginning in 2023, PG&E's detailed inspections of distribution structures in high fire areas will 	Holly Wehrman	2/10/2023	3/29/2023	3/29/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_006.rip	0	N/A	2022 WMP 7.3.4.1 and 7.3.4.14	Asset Management and Inspections	N/A
Pre-Discovery 41	CalPA	Set WMP-06	CalPA_Set WMP- 06	16	CaIPA_Set WMP- 06_Q16	Regarding your PSPS circuit modeling capabilities: a) Please describe your present circuit modeling capabilities with regard to PSPS decision making ("PSPS circuit modeling capabilities"), including with what level of granularity they are able to determine how circuit hardening efforts or other changes to a line segment will affect PSDE® teacholde.	a) For all questions below, PG&E understands circuit modeling to mean the level of granularity at which a utility can model the configuration of its electrical assets and de-energize them as such. PG&E models and de-energizes circuits utilizing all avkiching devices on the system that do not pose ignition risks. The effects of hardening and other changes to lines will be accounted for by use IDM model under under unare the second other changes to lines will be accounted for the press IDM model under the second other devices and instrument of unare the second other the second other than the second other tha	Holy Wehrman	2/10/2023	3/29/2023	3/29/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_006.zip	0	N/A	PSPS	N/A	N/A
re-Discovery 42	CalPA	Set WMP-06	CalPA_Set WMP- 06	17	CaIPA_Set WMP- 06_Q17	a) Have you developed Public Safety Power Shutoff (PSPS) risk scores at the circuit-segment level? b) Have you developed Enhanced Powerline Safety Settings (EPSS) risk scores at the circuit segment level? c.if the answer to roller narts (a) or (b) is vers, clease provide a neodatabase file containing, as,	a) Yes. This is cited in Section 6.2.1, figure 6.2.1-3. b) No. c) Please see "WMP-Discovery2023_DR_CalAdvocates_006-Q017Atch01CONF.zip" which is a geodatabase file containing the circuit segments along with PSPS risk values and Circuit Segment	Holy Wehrman	2/10/2023	3/29/2023	3/29/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/CalAdvocates_006.rip	2	N/A	PSPS/EPSS	N/A	N/A
Pre-Discovery 43	CPUC - SPD (Safety Policy Division)	001	CPUC - SPD (Safety Policy Division)_001	1	CPUC - SPD (Safety Policy Division)_001_Q1	REFCL inquires: -REFCL Pilot a Calatoga Circuit Segment ID 1102131531 oDescribe various active settings profiles. oDescribe how staged fault testing is planned to be conducted. -pirtuite how REFCL intel throw momentary active & when REFCL deerverizes line for	a. I. The REFCL equipment installed in the substation protects all the primary lines on both Calistoga circuits. Three settings profiles allow for changing fault sensitivity and tripping behavior on the fly based on field conditionsities. Setting 1 is for low risk with a three second delay before switching the neutral is action candidon for the contection to chart the fault. Setting 2 is for medium cirk with a three second based on the contection to chart the fault. Setting 2 is for medium cirk with a set of the contection to chart the contection to chart the fault. Setting 2 is for medium cirk with a set of the contection to chart the contection to chart the fault. Setting 2 is for medium cirk with a set of the contection of the contection to chart the fault. Setting 2 is for medium cirk with the contection to chart the contection to chart the fault. Setting 2 is for medium cirk with a set of the contection to chart the fault. Setting 2 is for medium cirk with a set of the contection to chart the fault. Setting 2 is for medium cirk with a set of the contection to chart the contection to chart the fault. Setting 2 is for medium cirk with a set of the contection to chart the contection to chart the fault. Setting 2 is for medium cirk with a set of the contection to chart the contection to chart the contection to chart the fault. Setting 2 is for medium cirk with a set of the contection to chart the contection to	Wendy Al-Mukdad	2/23/2023	3/9/2023	3/9/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/SPD_001.zjp	0	N/A	8.1.8.1.3	Grid Operations and Procedures	Settings of Other Emerging Technologies (e.g., Rapid Ear Fault Current Limiters)
Pre-Discovery 44	CPUC - SPD (Safety Policy Division)	001	CPUC - SPD (Safety Policy Division)_001	2	CPUC - SPD (Safety Policy Division)_001_Q2	EPSS & Supporting Technologies (DCD & Partial Votage Detection) Inquiries: -Explain all activities planned to mitigate EPSS reliability impacts. our our program (a.g., battery body b) different from or indext to those in place	a. The following incudes activities on-going and planned to mitigate EPSS reliability impacts: Enhanced Outage Review Team (ORT) process that includes additional review of circuit/Circuit Protection Zone (OP2) performance that when multiple outages couct triggers a Nultiple Outage Review (MORE) to drive additional actions if needed to reduce repeat outages going forward. - Continuing Devative Venetiation Trimmins on the "on 12 circuit seconds that wave identified	Wendy Al-Mukdad	2/23/2023	3/9/2023	3/9/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/SPD_001.zjp	0	N/A	8.1.8.1.1	Grid Operations and Procedures	Protective Equipment and Dev Settings
re-Discovery 45	CPUC - SPD (Safety Policy Division)	001	CPUC - SPD (Safety Policy Division)_001	3	CPUC - SPD (Safety Policy Division)_001_Q3	EPSS 8. REFCL Inquines: -EPSS vs.REFCL — Describe the major similarities and differences. ofWhat are advantages and disadvantages? In terms of capability, sectionalization, safety, and reliability? -Phosenon.Ground Eastles suc-Commer Multitrates (Evalue). without is the risk profile of existion	 In concept, EPSS and REFCL are how very different approaches that share a common goal of attempting to reduce task associated with ignitions on primary electric distribution systems. LEFSS – advantages: Can be implemented on mostly existing equipment and relays Reduces incident fault energy access all hoses of distribution theorems. 	Wendy Al-Mukdad	2/23/2023	3/9/2023	3/9/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfire-miligation- plan/reference-docs/2023/SPD_001.zjp	0	N/A	8.1.8.1	Grid Operations and Procedures	Equipment Settings to Redux Wildfire Risk
Pre-Discovery 46	CPUC - SPD (Safety Policy Division)	001	CPUC - SPD (Safety Policy Division)_001	4	CPUC - SPD (Safety Policy Division)_001_Q4	General risk reduction inquiny: Althout's PCRE's and for long term risk reduction, particularly reduction of likelihood of institu-	PG&Es long term goal is to maximize risk reduction by undergrounding high wildlife risk locations. For locations that will not be undergrounded, we will continue to deploy our suite of Operational Mitgations and other System Resilience Mitgations. Operational Mitgations include programs such as EPSS, equipment maintenance and repair, vegetation management for operational mititations, and BPSS. System Resilience Mitigations include processered.	Wendy Al-Mukdad	2/23/2023	3/9/2023	3/9/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disaster/wildfires/wildfire-mitigation- plan/reference-docs/2023/SP0_001.zip	0	N/A	7.2.1	Wildline Mitigation Strategy Development	Overview of Mitigation Initiativ and Activities
Pre-Discovery 47	Green Power Institute (GPI)	001	Green Power Institute (GPI)_001	1	Green Power Institute (GPI)_001_Q1	Please provide PG&E's Pre-submission 2023-2025 WMP Base Plan filed on February 13, 2023, with the OEIS per the 2023 WMP Guidelines and Schedule document. Including all attachments and associated supporting documents required for the Pre-submission 2023-2025 WMP Base Plan filing.	PG&E has designated the entire pre-submission as confidential to align with Energy Sately's pre- submission process and guidelines which stipulate that the pre-submission documents are not to be made public. In addition, the pre-submission contains contains contains to information for individuals that is considered confidential. As noted in our correspondences in wur on March Kith and March 10th, we can penvide wu with a	Zoe Harrold	3/1/2023	3/14/2023	3/14/2023	https://www.pge.com/pge_global/common/pdfs/ safety/emergency-preparedness/natural- disater/wildfires/wildfire-mitigation- plan/reference-docs/2023/GPI 001.zip	0	N/A	All	All	All