






**Wildfire Risk Governance Committee
Governance Committee**

January 29th, 2021

Executive Sponsor(s): [REDACTED]

Author(s) & Affiliation: [REDACTED]

CONFIDENTIAL - FOR INTERNAL DISCUSSION

| Safety | Meeting Agenda | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---------------|------------|--|-------------------------|---|--|-----------------------|--|--|-----------------------|-----------------------------|---------------|--------------------------|--|-----|--------------------------------|--|-----|--|--|------|--|--|-------|-----------------------------------|--|-------|------------------------------|--|-------|--------------------|--|-------|
|  <p>Earthquake <i>Duck, Cover, & Hold!</i></p>  <p>Emergency Plan & Exit Strategy <i>Have a plan for yourself and your household</i></p>  <p>24/7 Nurse Care Line <i>If you experience a work-related discomfort or injury, call 1-888-449-7767 and notify your supervisor.</i></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Wash your hands!</p> </div> <div style="text-align: center;">  <p>Wear a Mask</p> </div> <div style="text-align: center;">  <p>Practice social Distancing</p> </div> </div> <div style="background-color: #0070C0; color: white; padding: 5px; margin-top: 10px;"> <p>California can stop the spread</p> <p><small>Add your phone number to the COVID-19 emergency text database</small></p> <p>   </p> <p>https://carroll.ca.gov/</p> </div> | <table border="1" style="width: 100%;"> <tr> <td style="width: 15%;">Date</td> <td colspan="2">01/29/2021</td> </tr> <tr> <td>Desired Outcomes</td> <td colspan="2"> <ul style="list-style-type: none"> • Decision: Targeting Approach for Fuse Replacement Program • Inform: 6 Areas for improvement of Vegetation Management • Inform: Enhancements to 2021 Inspection and Repair Plan • Decision: Move forward with 3 Remote Grid Projects • Inform: ECOP Top 20% - Clayton Work • Inform: CWSIP Top 50 – Bucks Creek Work • Inform: CWSIP Top 250 – Villa Work • Inform: Full Vegetation Management Review </td> </tr> <tr> <td colspan="3" style="text-align: center;">Meeting Agenda</td> </tr> <tr> <td>What – Content</td> <td>Who - Facilitator(s)</td> <td>Slides</td> </tr> <tr> <td>Agenda and Safety Moment</td> <td style="background-color: black;"></td> <td>1-2</td> </tr> <tr> <td>Fire Ignition Component Update</td> <td style="background-color: black;"></td> <td>3-6</td> </tr> <tr> <td>6 Areas for improvement for Vegetation</td> <td style="background-color: black;"></td> <td>9-12</td> </tr> <tr> <td>2021 Enhanced Inspection Workplan and Repairs Update</td> <td style="background-color: black;"></td> <td>13-15</td> </tr> <tr> <td>System Hardening Project Approval</td> <td style="background-color: black;"></td> <td>16-27</td> </tr> <tr> <td>Vegetation Management Review</td> <td style="background-color: black;"></td> <td>28-33</td> </tr> <tr> <td>Action Item review</td> <td style="background-color: black;"></td> <td>34-41</td> </tr> </table> <p style="text-align: right; font-size: small; margin-top: 10px;">CONFIDENTIAL – FOR INTERNAL DISCUSSION</p> | Date | 01/29/2021 | | Desired Outcomes | <ul style="list-style-type: none"> • Decision: Targeting Approach for Fuse Replacement Program • Inform: 6 Areas for improvement of Vegetation Management • Inform: Enhancements to 2021 Inspection and Repair Plan • Decision: Move forward with 3 Remote Grid Projects • Inform: ECOP Top 20% - Clayton Work • Inform: CWSIP Top 50 – Bucks Creek Work • Inform: CWSIP Top 250 – Villa Work • Inform: Full Vegetation Management Review | | Meeting Agenda | | | What – Content | Who - Facilitator(s) | Slides | Agenda and Safety Moment | | 1-2 | Fire Ignition Component Update | | 3-6 | 6 Areas for improvement for Vegetation | | 9-12 | 2021 Enhanced Inspection Workplan and Repairs Update | | 13-15 | System Hardening Project Approval | | 16-27 | Vegetation Management Review | | 28-33 | Action Item review | | 34-41 |
| Date | 01/29/2021 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Meeting Agenda | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| What – Content | Who - Facilitator(s) | Slides | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Agenda and Safety Moment | | 1-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire Ignition Component Update | | 3-6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| System Hardening Project Approval | | 16-27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vegetation Management Review | | 28-33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Action Item review | | 34-41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FIRE IGNITION COMPONENT UPDATE

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Progress to-date with this expulsion fuse initiative

Identified Expulsion Fuse Count

13,478

- 'Known' volume of targeted and replaceable expulsion fuses
- ED-GIS system count of non-exempt fuses
 - Filtered down from 168k total ED-GIS fuses
 - Filtered by HFTD and type **T & K** specific **non-exempt models**

Fuse Count Identification Gap

5,741

- 'Known, unknown' volume of expulsion fuses based on cross-comparison of both databases
- Discrepancy between ...
 - **Vegetation Management** 19,219
 - And **ED-GIS** 13,478

Unverified Expulsion Fuse Count

4 – 10K

- 'Unknown, unknown' volume of expulsion fuses that exist in ED-GIS or Vegetation systems but not yet verified
- **4,822**, or **33%**, of ED-GIS non-exempt equipment lacking verification in 2020 re-inspections
- Extrapolating this to the Vegetation count means, possibly, another **6,270** are also categorized, but not verified

Differing figures highlight the fact that a sub-set of fuses exist that have not yet been verified either from database discrepancies or from issues with re-inspection (i.e., missing form field or transformer placement)

00000000 - PGE: Fuses and Vegetation Management Database updates and work analysis

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Replacement planning and current progress result in 7 - 16 years of expected work before completion

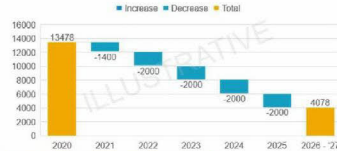
Executional Analysis

• 2020 budget to replace fuses in 2021 at a cost of [redacted] fuse

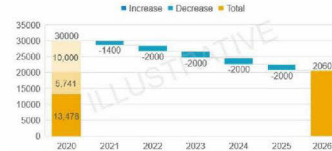
• 2021 goal: 1,400 non-exempt fuses are targeted for replacement

• 2022 goal: 2,000 fuse replacements moving forward

Known Count: Annual Fuse Replacement Forecast



High Est.: Annual Fuse Replacement Forecast



Known Risk Reduction

- 2027 completion (7 years) based on current identified fuse volumes with 2020 and future run rates
- Assuming no issues, the current replacement goals for 2020 account for ~10% of total addressable expulsion fuses
- Further risk reduction by project overlap may improve the outlook (i.e., system hardening replaced fuses)

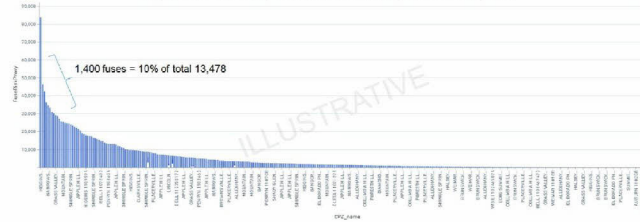
Possible Unknown Risk Reduction

- 2037 completion (16 years) if total volume of replaceable fuses is actually higher based on current on 2020-2021 run rates
- Assuming no issues, the current replacement goals for 2020 account for ~5% of total potential, addressable expulsion fuses
- Scope may be further expanded due to expulsion fuses mounted on transformers

BASED ON 2020 FUSE RUN RATES. NOTE: Fuse budget increases may reduce the anticipated replacement target. Additionally, a longer timeline may be beneficial because it provides the opportunity to leverage newer technology in years to come (i.e., the current budget from 2020). CONFIDENTIAL - FOR INTERNAL DISCUSSION

Decisions approving the replacement plan for fuses

Expulsion Fuse Proxy Risk Results for Sub-prioritization by CPZ



Considerations

- The fuse risk proxy is the consequence value of the circuit multiplied by the volume of fuses on the circuit
- Proposed prioritization hierarchy addresses highest risk CPZ areas and fuses first
- The objective is to replace highest risk areas first to maximize risk buy-down once aligned with this approach

NUMERICAL / PROXY VALUE generated analysis of fuse proxy risk by fuse concentration and fuse consequence for Plan 1.
NOTES: Risk buy-down assessment in progress. CPZ or circuitation details at project level and across sites to coordinate.

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Key Decision – Ignition Component Replacement: Expulsion Fuses

Approval Status PENDING

Decision Detail

This decision is seeking the approval of:
1) The target volumes for the fuse replacement program,
2) The use of the fuse risk proxy (consequence X volume of fuses) to address the potential risk associated to expulsion fuses across the territory.

Concerns and Mitigations

- Additional volume of fuses may exist on the system in addition to the known volume in ED-GIS adding to potential exposure.

Approvals

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Action Items and Validations

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**6 AREAS FOR IMPROVEMENT FOR
VEGETATION**

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Vegetation Management Six Areas of Improvement

Current Scope




| | | |
|---|---|---|
|  | Enhanced Work Verifications | <ul style="list-style-type: none"> Work verification is performed on all vegetation management work (T&D), in HFTD areas on a 100% basis and a 25% random sample of non-HFTD work. Shifting towards near real-time quality assessment rather than current average of 14 days following completed work. Current workforce encompasses a 1:3 ratio of QV inspector to tree crews with 100 QV contract inspectors started at peak. The proposed future workforce will be ~360 FTEs, steady-state, targeting a 1:3 ratio of QV inspector to tree crews. |
|  | Implementation of Defined Scope & UC for EVM & Tree Work | <ul style="list-style-type: none"> Distribution Routine work was performed on a unit price basis and tree removal was performed on a T&E basis. Shifting towards both having a unit price basis. PG&E is responsible for contracting and coordinating both pre-inspection and tree crew work. Shifting towards contracts incentivizing to "trim beyond compliance" and own accountability. Contractors are assigned responsibility for the compliance of circuit bundles (zones) based on "defined scope"; 32 total zones encompass the entire system. |
|  | Process and Technology Improvements | <ul style="list-style-type: none"> The VM technology and data/performance management team currently supports the development, integration and strategy of VM databases and tools on an ad hoc basis. Currently building towards a team including members from VM, IT and EO PI focused on both near term and long-term strategic process and technology fixes to close data collection and data management gaps. |
|  | Ground-Based LIDAR (GBL) | <ul style="list-style-type: none"> PG&E conducted ground-based LIDAR pilots using vehicle, ATV and backpack mounted LIDAR technology in 2020. Shifting towards using ground-based LIDAR with vehicles as a post inspection review of completed circuits. Can address ~70% of HFTD circuits due to accessibility. Provides digital time-stamped UAVG record for work verification. |
|  | Vegetation Management Liaison | <ul style="list-style-type: none"> Local teams dispatched to review findings as PG&E becomes aware of Regulatory observations. Shifting towards a dedicated centralized team of arborists/professional foresters to conduct reviews of all findings and ensure timely follow up and closure of each finding. |
|  | Vegetation Management Inspectors (VMI) | <ul style="list-style-type: none"> Primarily rely on contractor expertise for observing contract tree crews performing work. Shifting towards VMI team with PG&E employees to ensure internal expertise on VM work, targeting a 1:20 ratio of VMI to tree crew. |

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Vegetation Management Six Areas of Improvement

Forecast: Dec. 2020 – Q1 2021

Current Implementation: Q1 2021

| | Forecast: Dec. 2020 – Q1 2021 | Current Implementation: Q1 2021 |
|--|---|---|
|  Enhanced Work Verifications | <ul style="list-style-type: none"> • 9 VPMs • 15 Internal Inspectors • 15 Internal Support • 75 Contract Inspectors | <p>Recruiting</p> <ul style="list-style-type: none"> • 3 WV Managers: Reviewed all Manager resumes and selected 7 candidates for interviews. Working with recruiting to schedule interviews for late next week • 14 WV Supervisors: Reviewed all supervisor resumes and selected 20 candidates for interviews. Working with recruiting to schedule the interviews for Feb. 10 – 19 • Recruiting will post the 21 Internal WV positions on Feb. 1 • 80 WV contractors currently on board with more starting on Feb. 1 • Started WV on select Routine Circuits in December (80 circuits in hand representing 5 of 6 regions) • Receiving completed circuits from Defined Scope (Routine) and performing work verification • Plan is to increase circuits as staff is ramped up • HR posted positions to recruit nationally through UAA & ISA <p>Work Verification Progress</p> <ul style="list-style-type: none"> • Work verification completed 110 circuits in December • 20 circuits completed YTD • 15 more in progress • 57 more in hand spanning 5 of 6 regions <p>Defined Scope</p> <ul style="list-style-type: none"> • All 32 Defined Scope circuit bundles have been rolled out • Leveraging Work Verification to provide feedback and assure quality of work <p>PI RFP</p> <ul style="list-style-type: none"> • EVM PI RFP was opened to contractors on Jan. 18, 2021 <ul style="list-style-type: none"> – Pre-Bid Conference call was held Jan. 22, 2021 – Contractors are preparing initial bids • Continuing to partner with Sourcing Operations to execute on the EVM PI RFP |
|  Implementation of Defined Scope & UC for EVM & Tree Work | <ul style="list-style-type: none"> • All 32 Zones (circuit bundles) implemented for routine VM program | <p>Priority Tag Application (P1/P2)</p> <ul style="list-style-type: none"> • Outourced UDC and have established core project team. Performing technical and operational requirements due diligence week ending Jan. 30. Planning to have first draft schedule ready for leadership review week ending Feb. 6 <p>On-Track for V9 Collector update on Feb. 1</p> <ul style="list-style-type: none"> • Inexpedites upstream QC data validation. Updates TAT process. Updates WV visibility in tool for field |
|  Process and Technology Improvements | <ul style="list-style-type: none"> • Stand up cross functional team to identify and mitigate process controls that are high risk and performed manually • 2 Internal FTEs | |

Vegetation Management Six Areas of Improvement

| | Forecast: Dec. 2020 – Q1 2021 | Current Implementation: Q1 2021 |
|--|--|---|
|  <p>Ground-Based LIDAR (GBL)</p> | <ul style="list-style-type: none"> Develop procedures and processes for GBL using vehicles 6 Internal Support FTEs | <p>GIS Mapping of VM Projects</p> <ul style="list-style-type: none"> VM Routine Operations are performed throughout the year in terms of VM Projects. VM Projects are defined by each division and stored as hard copies in local offices. To plan and schedule GBL collections, PRRS needs to digitize and geo-reference the VM Projects in the Master Maps. Status: 1,252/3,567 (35%) VM Projects have been digitized. 8/3,567 (0%) have been geo-referenced <p>Near Term Goals</p> <ul style="list-style-type: none"> A dependency was identified requiring digitized maps in order to capture LIDAR data in sync with Operations teams. This work is in progress. Contract LIDAR Vendor for Collection: Expected for Mid-February 2021 Begin to collect LIDAR in Sierra Division: Expected in March 2021 Deliver LIDAR results to Work Verification as part of Routine: Expected April 2021 |
|  <p>Vegetation Management Liaison</p> | <ul style="list-style-type: none"> 4 Internal Support FTEs 7 External Arboreal FTEs Stand up dedicated VM Federal Monitor Liaison team Oversight of all findings and associated action items | <ul style="list-style-type: none"> Completed onboarding of 5 Expert Arborist (external) and began training on Jan. 7, 2021 Team prepared to provide weekly feedback to Federal Monitor Team <ul style="list-style-type: none"> Currently caught up on existing Monitor observations Ready once Monitor field observations begin for 2021 Currently performing QC audits of records for work performed in fire impacted areas (2020) <p>Near Term Goals</p> <ul style="list-style-type: none"> Beginning interviews for 2 additional positions Setting up field benchmarks with monitor team when it is safe under Covid Supporting operations team with Work Verification findings on an ad hoc basis Creating a dashboard for third party finding tracking |
|  <p>Vegetation Management Inspectors (VMI)</p> | <ul style="list-style-type: none"> Complete hiring of all Vegetation Management Inspectors (30 Contract VMI by Jan. 31 / 13 Internal Support) | <ul style="list-style-type: none"> Federal Monitor probation condition requirement of making 30 offers was exceeded (39 offers made) as of Jan. 25, 2021 VM Inspections are being performed in all Regions (27 in field plus 7 Supervisors) 17 Internal VMIs on board and 12 additional VMIs that are going through background checks 7 VMI Supervisors, 1 Manager, 1 DMS onboarded 9 Contractors on the field 2 contracts approved to add additional contract VMIs |

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**2021 ENHANCED INSPECTION
WORKPLAN AND REPAIRS UPDATE**

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HFTD Enhanced Inspection July 31st Deadlines

2021 Enhanced Inspection Workplan efforts are focused on July 31st deadline for Tier 3, Tier 2 and HFRA assets.

Targeted/Planned 2021 Enhanced Inspection Types

| | Mar | Apr | May | Jun | Jul |
|----------------------------------|--------|---------|---------|---------|--------|
| Distribution (T2/T3) | 60,000 | 120,000 | 120,000 | 120,000 | 60,980 |
| Transmission Ground (T2/T3) | 4,886 | 8,084 | 6,351 | 3,457 | 1,512 |
| Transmission Climb (T2/T3) | 302 | 381 | 325 | 247 | |
| Transmission Aerial (All, T2/T3) | 4,500 | 8,970 | 9,580 | 8,190 | 8,580 |
| Substation Ground (T2/T3/3A) | 23 | 32 | 22 | 23 | |
| Substation Aerial (T2/T3/3A) | 27 | 24 | 17 | 19 | 19 |

Targeted HFTD Inspection Completion Month

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**SYSTEM HARDENING PROJECT
APPROVAL**

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Today's discussion will include mitigation recommendations, as well as additional remote grid projects to be scoped for 2021

The following 3 projects have recommended mitigations:

| Order No. | CPZ | Work Bucket | Total MAVF Core Risk Value | Mean MAVF Core Risk Rank | Recommendation | WGC Request |
|-------------------|-----------------------|----------------|----------------------------|--------------------------|----------------|-------------|
| WGC Inform | | | | | | |
| 1 | CLAYTON 221296224 | ECOP | 32.63 | 377 | Hybrid (OH/UG) | Inform |
| 2 | Bucks Creek 1101CB | CWSP - Top 50 | 9.55 | 11 | Hybrid (OH/UG) | Inform |
| 3 | Volta 110149742 | CWSP - Top 250 | 13 | 39 | OH | Inform |

3 RG projects are requested for scoping:

| # | CPZ | Work Bucket | Total MAVF Core Risk Value | Mean MAVF Core Risk Rank | Recommendation | WGC Request | |
|---|------------------------|------------------------|----------------------------|--------------------------|----------------|-------------|------------------|
| 1 | 299 Ellis/Old Turri | Corning 110253184 | Hardening | 21.6 | 413 | RG | Scoping Decision |
| 2 | 300 Main Turri | Corning 110253184 | Hardening | 21.6 | 413 | RG | Scoping Decision |
| 3 | 576 Stewart | Oakhurst 1101536114 | Hardening | 40.9 | 183 | RG | Scoping Decision |

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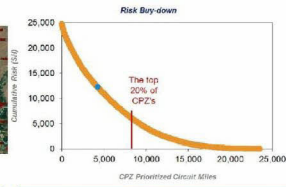
Proposed RG Project for Inclusion: #299 Ellis/Old Turn

Project Location and Overview

| | |
|---------------|-------------------|
| Work Bucket | Hardening |
| Circuit | Coverg 1162 |
| CPZ | COORING 110293184 |
| County | Yuba |
| Project Miles | 2.91 |

Risk Statistics

| | |
|----------------------|-------------|
| Mean Risk Score | 0.175 |
| Ignition Probability | 4.48E-05 |
| Current Rank | 4,517 (2%) |
| 2021 Risk Rank | 413 (11%) |
| 2018 Risk Rank | 1,844 (81%) |



Operational Characteristics

| | |
|---|------------|
| Estimated Full Project Cost (Expected Case) | |
| Actual and Committed Costs | - |
| Project Status | Initiating |
| In Service Date | 12/1/2021 |
| HFTD | Tier 2 |
| Customer Count | 2 |

High Risk Flags

| | |
|---|-----|
| PSPS Customer Impacts (P/ie / P/iss) mitigation | 2 |
| Count of EC Tags | 5 |
| Tree Count | 40 |
| CPZ in Top 20% of Risk? | Yes |
| Fire Rebuild? | No |

Mitigation Plan

- PSS Concerns**
- Egress: Main travel route - 2 mile dirt road off main highway not maintained by county. Bad weather will make it difficult to access without fire trucks. Impact to civilian egress, but significant for fire resources
 - Fire History: Proximity to fires, but not on actual footprint
- Mitigation Plan and Rationale**
- 2.52 miles of tree removed
 - Eliminate fire hardening requirement, reduce PSPS customer impacts, and savings of ~20% compared to Hardening
 - Customer probably will have ability to stay on during PSPS events
 - Strong customer interest in project
 - Issues / Factors Influencing Tiering:

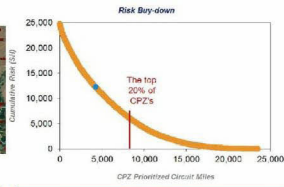
Proposed RG Project for Inclusion: #300 Main Turri

Project Location and Overview

| | |
|---------------|-------------------|
| Work Bucket | Hardening |
| Circuit | Coverg 1162 |
| CPZ | COORING 110293184 |
| County | Tulare |
| Project Miles | 1.52 |



| | |
|------------------------|-------------|
| Risk Statistics | |
| Mean Risk Score | 0.175 |
| Ignition Probability | 4.48E-05 |
| Commg. Rank | 4,517 (2%) |
| 2021 Risk Rank | 413 (11%) |
| 2018 Risk Rank | 1,841 (81%) |



Operational Characteristics

| | |
|---|------------|
| Estimated Full Project Cost (Expected Case) | |
| Actual and Committed Costs | - |
| Project Status | Initiating |
| In Service Date | 12/1/2021 |
| HFTD | Tier 2 |
| Customer Count | 1 |

High Risk Flags

| | |
|--|-----|
| PPSP Customer Impacts (P/ie / P/ie) mitigation | 1 |
| Count of EC Tags | 7 |
| Tree Count | 13 |
| CPZ in Top 20% of Risk? | Yes |
| Fire Retard? | No |

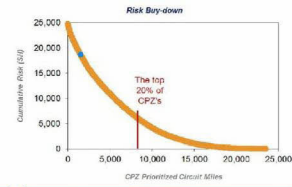
Mitigation Plan

- PSS Concerns**
- Egress: Main travel route is long, one lane dirt road off main highway. Bad weather will make it difficult to traverse without A&A. Minimal impact to customer egress, but significant for fire resources
- Mitigation Plan and Rationale**
- 0.75 miles of fire removed
 - Eliminate fire hardening requirement, reduce PPSP customer impacts and savings of ~12% compared to Hardening
 - Strong customer interest in project
- Issues / Factors Influencing Timeline**
- Customer desires assurance with obtaining a second tractor for barn
 - Barn is located across county road, potential additional permitting issues
 - Some owner as one of the customers in 4000 line/Ch. from. Likely need to do the project despite minimal cost savings in comparison to hardening to keep target 4000 project active

Proposed RG Project for Inclusion: #576 Stewart

Project Location and Overview

| | |
|------------------------|----------------------|
| Work Basket | Hardening |
| Circuit | Dalhous: 1101 |
| CPZ | CA-04URST 1101639114 |
| County | Madras |
| Project Miles | 0.76 |
| Risk Statistics | |
| Mean Risk Score | 0.207 |
| Ignition Probability | 5.04E-05 |
| Current Rank | 45 (1%) |
| 2021 Risk Rank | 183 (5%) |
| 2018 Risk Rank | 3171 (87%) |



Operational Characteristics

| | |
|---|------------|
| Estimated Full Project Cost (Expected Case) | |
| Actual and Committed Costs | - |
| Project Status | Initiating |
| In Service Date | 12/1/2021 |
| HFID | Tier 2 |
| Customer Count | 1 |

High Risk Flags

| | |
|---|-----|
| PSPS Customer Impacts (Piv / Psev) mitigation | 1 |
| Count of EC Tags | 9 |
| Tree Count | 7 |
| CPZ in Top 20% of Risk? | Yes |
| Fire Rebrand? | No |

Mitigation Plan

- PSS Concerns**
- Egress: Main travel route is long, one lane dirt road off main highway. Eac location will make it difficult to leave without A&A. Minimal impact to customer egress, but significant for fire resources
- Mitigation Plan and Rationale**
- 0.75 miles of line removed
 - Eliminate the hardening requirement, reduce PSPS customer impacts, and savings of ~18% compared to Hardening
 - Customer: potentially will have ability to stay or during PSPS events leaves / Factors Influencing Transfer
 - House/property is or sale by owner

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Key Decision – Approval to Scope Remote Grid Projects

Approval Status PENDING

Decision Detail
Request to move forward with scoping three (3) remote grid projects totaling ~3.8 miles.
• #299 Elia/Old Turn
• #300 Main Turn
• #576 Stewart

Concerns and Mitigations

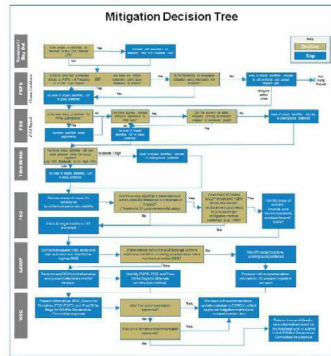
Approvals

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Action Items and Validations

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| | Key Questions | Y | N | Outcome |
|-------------|--|---|---|---------------------------|
| PSIPs | Is this an area that is impacted directly by PSIPs (>8 Frequency or >1,200 Cust Impact)? | Y | N | 1 event, OH preferred |
| | Are there any critical customers within zone necessary to protect? | Y | N | |
| | Is OH hardening an acceptable mitigation using distribution line exclusion? | Y | N | N/A |
| PSB | Is the area being considered for HFRA Add/Remove? | Y | N | |
| | Ingress/Egress concerns identified by PSS professionals cannot be mitigated by utilizing intumescent wrapped or composite poles. | Y | N | Ingress / Egress concerns |
| Tree Strike | Moderate (8-14) or high (15+) strike tree potential areas in the segment. | Y | N | |
| FSD | Are there any significant dependency or constructability limitations in the areas of impact? (Threshold: 2+ year incremental delay). | Y | N | |
| | Does the CPZ meet ECOP threshold (>25% structures warrant replacement) and result in a more timely mitigation method preferred (e.g., OH)? | Y | N | |
| EASOP | If alternatives fall within a 100% range, is there additional benefit to choosing an alternative that is not the top ranked RSE? | Y | N | Hybrid and US within 100% |

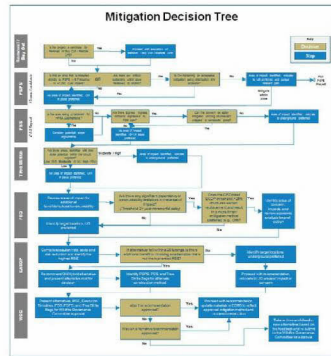
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INFORM: ECOP Top 20% - PM ██████████ – Clayton 22122951 H01

| Clayton 2212 (1.42 Miles) | | No System Hardening | Overhead Hardening | Under-grounding | Hybrid |
|---|--|-----------------------|--------------------|-----------------|------------------|
| Project Scope Risk Reduced After Mitigation | | | 1.45 | 2.36 | 1.99 |
| Project Scope Residual Risk Value | | 2.39 | 0.91 | 0.03 | 0.40 |
| Overall Miles Installed | | 1.42 Existing OH | 1.42 | 3.15 | 2.82 |
| OH System Hardening Cost | | ██████████ risk-mile | | | |
| UG System Hardening Cost | | ██████████ risk-mile | | | |
| Line Removal Cost | | | | | |
| Total Capital Cost | | | | | |
| Average O&M Cost (per year) | | | | | |
| NPV @ 6.8% discount rate | | | | | |
| \$ NPV per unit of risk (RSE) | | | | | |
| Primary Filter | PSS Preference (Ingress/egress/fire history) | Not Preferred | Satisfactory | Preferred | Preferred |
| Secondary Filter | Strike Tree Potential | Moderate Fall-in Risk | Low Fall-in Risk | N/A | Low Fall-in Risk |
| | Ingress/Egress – Preferred option | Moderate | Not Preferred | Preferred | Preferred |
| | PSPS Mitigation (26 Customers) | 26 / 26 (0%) | 26 / 26 (0%) | 26 / 26 (0%) | 26 / 26 (0%) |
| | Execution timeline (2021, 2022, 2022+) | - | 2021 | 2022+ | 2022+ |

Supporting Detail for Recommended Alternative (EDRS Routing 2021-02769):

- Public Safety Specialist: 5+ surrounded by grass oak. Population density is low. The area around this project has some fire history. Preference for action to be taken based on increased risk of ignition on tagged equipment.
- Strike Tree Potential: 636 total strike potential trees in the CPZ, LOW (D-5) tree strike potential in this segment does not suggest UG hardening is required.
- Egress Considerations: This road is not a main thoroughfare on a daily basis but is a route of egress for citizens from the Clayton Valley area when fire impacts the Clayton Valley area. The road is used for ingress for fire and emergency services from the south.
- PSPS Mitigation: No mitigation potential due to limited scope of this hardening project; no critical / essential customers in this segment. To achieve PSPS reductions, additional scope would have to be included.
- Execution Timeline (Land/Bio/Cultural/Constructability): OH hardening could be accomplished by 12/31/2021. 1.2 miles of CA red-legged frog habitat, CA tiger salamander, and Alameda Whipsnake: Pre-activity survey for cultural constraints (more significant impact for UG options); UG options include additional cost for easements, soil conditions, & expected bio risk.



| | Key Questions | Y | N | Outcome |
|-------------|--|---|---|------------------------|
| PSIP | Is this an area that is impacted directly by PSIPs (>8 Frequency or >1,200 Cust Impact)? | Y | N | 3 events, UG Preferred |
| | Are there any critical customers within zone necessary to protect? | Y | N | |
| | Is OH hardening an acceptable mitigation using distribution line exclusion? | Y | N | N/A |
| PSB | Is the area being considered for HFRA Add/Remove? | Y | N | |
| | Ingress/Egress concerns identified by PSS professionals cannot be mitigated by utilizing intumescent wrapped or composite poles. | Y | N | HWY 70, UG preferred |
| Tree Strike | Moderate (8-14) or high (15+) strike tree potential areas in the segment. | Y | N | |
| FSD | Are there any significant dependency or constructability limitations in the areas of impact? (Threshold: 2+ year incremental delay). | Y | N | |
| | Does the CPZ meet ECOP threshold (>25% structures warrant replacement) and result in a more timely mitigation method preferred (e.g., OH)? | Y | N | |
| EASOP | If alternatives fall within a 100% range, is there additional benefit to choosing an alternative that is not the top ranked RSE? | Y | N | PSB and Ingress/Egress |

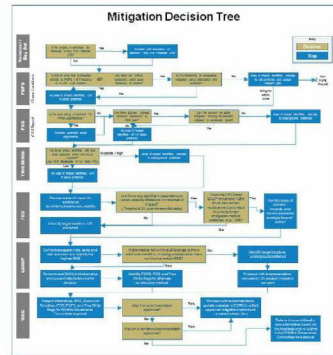
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Hybrid 1 Preferred

INFORM: CWSP Top 50 - PM [REDACTED] - Bucks Creek 1101 CB

| Bucks Creek 1101 (4.73 miles) | | No System Hardening | Overhead Hardening | Hybrid 1 | Hybrid 2 |
|---|--|-----------------------|-----------------------|-----------------------|-----------------------|
| Project Scope Risk Reduced After Mitigation | - | - | 4.73 | 9.14 | 8.95 |
| Project Scope Residual Risk Value | 9.55 | 3.63 | 0.41 | 0.61 | |
| Overall Miles Installed | | 4.73 Existing OH | 5.73 | 5.42 | 4.73 |
| OH System Hardening Cost | [REDACTED] /risk-mile | | | | |
| UG System Hardening Cost | [REDACTED] /risk-mile | | | | |
| Line Removal Cost | [REDACTED] /risk-mile | | | | |
| Total Capital Cost (LACE Class 3) | | | | | |
| Average O&M Cost (per year) | | | | | |
| NPV @ 6.8% discount rate | | | | | |
| \$ NPV per unit of risk (RSE) | | | | | |
| Primary Filter | PSS Preference (Ingress/egress/fire history) | - | Non-satisfactory | Preferred | Non-satisfactory |
| Secondary Filter | Strike Tree Potential | Moderate Fall-In Risk | Low Fall-In Tree Risk | Low Fall-In Tree Risk | Low Fall-In Tree Risk |
| | Ingress / Egress | Moderate | Non-satisfactory | Preferred | Non-satisfactory |
| | PSS Mitigation (\$ customers) | 45 / 45 (10%) | 45 / 45 (10%) | 45 / 45 (10%) | 45 / 45 (10%) |
| | Execution timeline (2021, 2022, 2022+) | - | 2021 | 2022+ | 2022+ |
| | Other (Operational Considerations, etc.) | - | - | Not recommended | - |

Supporting Detail for Recommended Alternative (EDRS Link 2021-02743):

- Public Safety Specialist:** Fuel types are consistent with moderate to heavy brush and mixed conifer, however the general area has been heavily fire scarred and the fire scar areas are intermixed with a significant amount of standing and down dead fuel.
- Strike Tree Potential:** 105 total strike potential trees in the CPZ, Moderate (6-15) tree strike potential.
- Egress Considerations:** This project crosses HWY 70 near the Bucks Creek Powerhouse and then parallels the highway for a roughly 2-mile stretch, and then runs along Storme Rd, paralleling the Feather River on the eastern opposite side of Highway 70. HWY 70 is a main thoroughfare for ingress/egress for emergency responders and to the few residents who live in that direct area; it is also a major route for commerce both by vehicle and railroad. If Highway 70 was closed in this area it would make ingress and egress difficult if not impossible for responders and citizens and economically be a substantial hit to commerce. There are no alternative routes within the Feather River Canyon.
- PSS Mitigation:** No mitigation potential due to limited scope of this hardening project; no critical / essential customers in this segment. Cannot achieve PSS reduction due to required overhead conductor over the water crossing near the substation.
- Execution Timeline (Land/Elec/Culture/Constructability):** Work required during the dry season (May 15 - Oct 15) and/or biomonitoring, and potential P&H restrictions (Feb 2 - July 15) due to owl activity centers, CALTRANS ROW, essential restrictions, and 3 culturally sensitive areas in Hybrid 1. Buffer work further down HWY 70 as under-grounding line consistent with the Hybrid 1 Alternative.



| | Key Questions | Outcome | |
|-------------|--|---------|---|
| PSIP | Is this an area that is impacted directly by PSIPs (>8 Frequency or >1,200 Cust Impact)? | Y | N |
| | Are there any critical customers within zone necessary to protect? | Y | N |
| PSB | Is OH hardening an acceptable mitigation using distribution line exclusion? | Y | N |
| | Is the area being considered for HFRA Add/Remove? | Y | N |
| Tree Strike | Ingress/Egress concerns identified by PSS professionals cannot be mitigated by utilizing intumescent wrapped or composite poles. | Y | N |
| | Moderate (8-14) or high (15+) strike tree potential areas in the segment. | Y | N |
| FSD | Are there any significant dependency or constructability limitations in the areas of impact? (Threshold: 2+ year incremental delay). | Y | N |
| | Does the CPZ meet ECOP threshold (>25% structures warrant replacement) and result in a more timely mitigation method preferred (e.g., OH)? | Y | N |
| EASOP | If alternatives fall within a 100% range, is there additional benefit to choosing an alternative that is not the top ranked RSE? | Y | N |

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OH Preferred

INFORM: CWSP TOP 250 - PM [REDACTED] – Volta 1101 LR 49742

| | Volta 1101 (3.55 miles) | No System Hardening | Overhead Hardening | Under-grounding | Hybrid |
|--|-------------------------|---------------------|--------------------|-----------------|------------------|
| Project Scope Risk Reduced After Mitigation | - | - | 8.06 | 12.87 | 10.79 |
| Project Scope Residual Risk Value | 13 | - | 4.54 | 0.13 | 2.21 |
| Overall Miles Installed | | 2.55 Existing OH | 3.55 | 6.66 | 5.29 |
| OH System Hardening Cost | [REDACTED] risk-mile | - | - | - | - |
| UG System Hardening Cost | [REDACTED] risk-mile | - | - | - | - |
| Line Removal Cost | - | - | - | - | - |
| Total Capital Cost (AAACE Class 5) | | | | | |
| Average O&M Cost (per year) | | | | | |
| NPV @ 5.8% discount rate | | | | | |
| \$ NPV per unit of risk (RSE) | - | - | - | - | - |
| Primary Filter | | | Satisfactory | | |
| PSS Preference (Ingress/egress/fire history) | | | | | |
| Secondary Filter | | | | | |
| Strike Tree Potential | | Low Fall-In Risk | Low Fall-In Risk | N/A | Low Fall-In Risk |
| Ingress / Egress | | LOW | Satisfactory | Satisfactory | Satisfactory |
| PSPS Mitigation (19 customers) | | 38 / 38 (0%) | 38 / 38 (0%) | 38 / 38 (0%) | 38 / 38 (0%) |
| Execution timeline (2021, 2022, 2022+) | | - | 2021 | 2022+ | 2022+ |
| Other (Operational Considerations, etc.) | | - | Recommended | - | - |




Supporting Detail for Recommended Alternative (EDRS Link [2021-03773](#)):

- Public Safety Specialist: Fuel types are consistent with mainly grass/oak woodland, brush, and intermixed patches of conifers/Gray Pines. Area has a significant fire history but not directly in the project footprint but shows the ability of the area fuels to resist containment and become a major fire.
- Strike Tree Potential: 2 total strike potential trees in the CP2, LOU (0-5) tree strike potential in this segment does not suggest UG hardening is required. To under-build for most of job.
- Egress Considerations: Evacuees have multiple ways out of the area, depending on the location of the fire, 1st responders will have 2 access roads.
- PSPS Mitigation: No mitigation potential due to limited scope of this hardening project; no critical / essential customers in this segment. To achieve PSPS reductions, additional scope would have to be included. 2 "95 operations in 10-year lookback.
- Execution Timeline (Landfill/Cultural/Constructability): Work required during the dry season (May 15 - Oct 15) and/or biomonitoring. Mitigation expenses should be considered for ground disturbance. Potential permitting for multiple waterways. Tribal monitoring may be required. Cultural resources work and reporting may need be required, 1-2 days of SME time.

VEGETATION MANAGEMENT REVIEW

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Distribution Routine VM

| | | |
|--------------------------------|--|--|
| Description of Program | <ul style="list-style-type: none"> Programs require clearances of 4 feet around power lines in HFTDs with recommended minimum clearances of 12 feet or more at the time of prune to ensure compliance year-round Program is funded at [REDACTED] of expenses | Risks & Concerns Related to the Program |
| How Program is Targeted | <ul style="list-style-type: none"> Full system annual patrol, which includes identification of dead & dying facility protect trees (1st Patrol - CEMA) and trees that require accelerated mitigation before scheduled trim cycle (Priority Tags) The annual tree work funding is informed by forecasts of next year tree work and by Priority Tag rates |  Weather, environmental conditions, fire season and PG&E's corresponding response i.e., PSPS Events, Safety Shutdowns |
| Program Targets | <ul style="list-style-type: none"> Target Mileage: ~80k total project miles (100% Project Miles completed through the VMBA program patrols) Target Tree Units: 1,491,825 units (VMBA program tree work unit count) |  Increased Compliance Burden e.g., wood management scope, PSPS Tag work completion |
| Current Timeline | <ul style="list-style-type: none"> Pre-inspection work is scheduled for 100% completion by patrols by 11/15/21, with a commitment target of the end of 2021 Planned Tree work is scheduled for completion by 12/31/2021. A concurrent commitment is to maintain timeliness of accelerated tree work – Priority 1 Tag – next day from inspection and Priority 2 Tag – within 30 days from inspection (excluding external constraints) |  Defined Scope Implementation & Potential for Change Order Requests |

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CEMA (Drought and Tree Mortality Work VM)

Description of Program

- Program mitigates dead and dying trees that may impact PG&E facilities
- Program is funded at \$65.9M of incremental expenses

How Program is Targeted

- Patrols: 100% Mid-Cycle of Tier 2/Tier 3 HFTD areas mitigating to identify dead/dying trees, generally six months after Routine patrols
- Tree Work: Planned work volume of dead and dying trees identified on Routine (1st Patrol) and Mid-Cycle to be completed in calendar year based upon annual estimates

Program Targets

- Target Mileage: 43,664 miles through Mid-Cycle patrols
- Target Tree Volume: 65,000 tree units

Current Timeline

- Mid-Cycle Patrols which started 11/15/2020, are scheduled to be complete by 11/15/2021
- The 2021 operational focus is shifting to 180/360 day completion timelines for work in Tier 2 and 3 / Tier 1, respectively. Previously, VM targeted completion of all work identified through 9/30 by end of year

Risks & Concerns Related to the Program



Tree inspection volume is subject to external factors – drought, climate change, and path of beetle infestation. No mitigation is available aside from monitoring inspection progress and incidence rate



Maintaining spacing of Mid-Cycle Patrols from Routine Patrols to avoid program overlap / insufficient spacing. Patrols are scheduled generally 6 months apart. This can be mitigated by change control of initial Routine Patrol plan which will review Mid-Cycle timing

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Transmission VM

| | | | |
|--------------------------------|---|--|--|
| Description of Program | <ul style="list-style-type: none"> • Transmission VM has 4 primary programs: <ol style="list-style-type: none"> (1) Routine Clearance Maintenance (2) Existing ROW Management (Integrated Vegetation Management (IVM)) (3) ROW Expansion, including PSPS projects (4) Orchard Tree Removal • Program is funded at a 80/10 ratio between capital and expense. The total funding is ██████████ for the CBP Plan/RES Plan | Risks & Concerns Related to the Program | <div style="background-color: #D9E1F2; padding: 5px; margin-bottom: 5px;"> <p>External factors, including weather and contractor safety performance, can delay tree work progress</p> </div> <div style="background-color: #FFF2CC; padding: 5px;"> <p>Pending regulatory decision regarding capital funding of ROW expansion activities is a potential risk. If unsuccessful, it may materially increase demand for currently funded expense amounts</p> </div> |
| How Program is Targeted | <ul style="list-style-type: none"> • (1) Routine Clearance Maintenance targets 100% of Transmission system annually • (2) IVM is scope-driven from IP annual planning • (3) ROW Expansion is scope-driven from IP annual planning • (4) Orchard tree removal has remaining scope of 10-year full system abatement program | | |
| Program Targets | <ul style="list-style-type: none"> • Target Routine Clearance Maintenance: ~100k trees • Target IVM: ~10k acres • Target ROW Expansion (includes PSPS): ~310k trees • Target Orchard Removal: ~8k trees | | |
| Current Timeline | <ul style="list-style-type: none"> • Routine Clearance Maintenance is scheduled for completion by 11/15/2021, all other patrols support tree work completion in 2021 • All identified tree work on NERC lines, ~20% of annual Routine tree work volume, must be completed in calendar year under NERC requirements. Remaining 80% and other program's planned tree work volume are targeted for completion in 2021 | | |

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EVM – Utility Defensible Space (UDS)

Description of Program

- UDS is defined as creating an area around PG&E electrical facilities that, in an event of a wire-down scenario, would reduce the likelihood of an ignition and/or spread of a fire
- [REDACTED] will be managed as a part of the program

How Program is Targeted

- The program will leverage the 2021 Wildfire Distribution Risk Model developed by the Asset Strategy team to identify high risk CIPs to prioritize projects for performing modification of vegetative fuels
- Any projects identified outside the Model will be locations based on a combination of local knowledge and a cohesive strategy to work with Cal Fire, USFS, and Municipalities on wildfire prevention initiatives

Program Targets

- The process of building the framework for UDS is currently ongoing so no targets or metrics have been created for this program at this time. Targets and metrics will most likely be based off funding in 2021

Current Timeline

- PG&E is actively exploring fuel management in more detail to represent its risk reduction benefits and effectiveness. Since this is a new program, PG&E continues to explore ways to provide an estimation of RSE. As PG&E will be one of the first utility companies developing an official fuel reduction program, we believe incoming data will help identify preliminary effectiveness, cost estimations and help drive a schedule and cycle time

Risks & Concerns Related to the Program



Environmental planning and permitting to allow for execution of work, since scope can be beyond PG&E's land rights



Obtaining approvals from private property owners to allow for the incremental work outside of PG&E's compliance programs, such as Routine VM and EVM

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EVM – Wood Management

Description of Program

- Program safely disposes of wood from drought-impacted dead trees at no cost to PG&E customers
- Program is available to property owners located within counties where emergencies were declared due to drought and bark beetle infestation
- Funding is ██████ for 2021 for all programs (92% of funding coming from EVM)

How Program is Targeted

- Wood Management is offered in EVM program as an incentive to allow PG&E to perform their work
- Other programs are offered on a case-by-case basis to assist customers with defensible space
- That's the programmatic WM. The Wildfire piece is a net zero program outside of the administrative costs

Program Targets

- Target Mileage: 1,890 miles (same as for the overall EVM program in 2021)

Current Timeline

- Timeline of program is the same as for the overall EVM program

Risks & Concerns Related to the Program

Due to the 2020 wildfires, wood and woody debris is being generated by agencies beyond PG&E. Some co-generation facilities with Power Purchase Agreements are currently unable to accept the overwhelming amounts of wood and woody debris generated by all entities in working in HFTDs

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ACTION ITEM REVIEW

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Risk Models – Open Action Items

| Workstream | Action Item | Description | Responsible party | Resolution | Target Resolution Date | Resolution Date |
|-------------|-----------------------------|---|-------------------|-------------|------------------------|-----------------|
| Risk Models | Model process documentation | Bring the Model Process Level Documentation to this forum for an official approval. | [REDACTED] | In progress | 2/5/2021 | |

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System Hardening – Open Action Items

| Workstream | Action Item | Description | Responsible party | Resolution | Target Resolution Date | Resolution Date |
|------------------|---|--|-------------------|-------------|------------------------|-----------------|
| System Hardening | Open Tags | Follow up with open tag issue | [REDACTED] | In progress | 2/5/2021 | |
| System Hardening | Total Cost of Ownership For Mitigations | Do a deep dive into the Total Cost of Ownership Calculations for the SH Mitigations – Hold a separate review with SH team and Operational Observer | [REDACTED] | In Progress | 2/5/2021 | |
| System Hardening | Follow up meetings on execution plan for SH | Coordinate follow up meeting on execution plan for SH | [REDACTED] | In Progress | 2/12/2021 | |

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Overhead Inspections – Open Action Items

| Workstream | Action Item | Description | Responsible party | Resolution | Target Resolution Date | Resolution Date |
|----------------------|---|---|-------------------|-------------|------------------------|-----------------|
| Overhead Inspections | Structure count | Number of structures in Tier 3, Tier 2 and V-FRA | | Completed | 2/5/2021 | |
| Overhead Inspections | Lessons Learned | Review and understand lessons learned from the 2019 and 2020 Tier 3 and Tier 2 inspections that have been completed | | In Progress | 2/5/2021 | |
| Overhead Inspections | Rate of Degradation Trends | Utilize the data-mining platforms available at PG&E (Palmetto) to understand the rate of degradation of the assets in the different climatic or other appropriate zones. Need location specific degradation | | In Progress | 2/12/2021 | |
| Overhead Inspections | Structures below 330KV | What is the volume of structures below 330KV that are similar in design to the 500KV structures - see site during 500KV structures to inspect guy wire tensioning | | In Progress | 2/5/2021 | |
| Overhead Inspections | Pilots being done in inspection | Summary slide on all the pilot projects | | In Progress | 2/5/2021 | |
| Overhead Inspections | Transmission Probability of Failure Model | Evaluate the outputs of Transmission Probability of Failure model and potential impacts to additional structures incorporated into 2021 pilot | | In Progress | 2/5/2021 | |

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Enhanced Vegetation Management – Open Action Items

| Workstream | Action Item | Description | Responsible party | Resolution | Target Resolution Date | Resolution Date |
|--------------------------------|---------------------------------------|---|-------------------|-------------|------------------------|-----------------|
| Enhanced Vegetation Management | Replace miles from PSS recommendation | Miles that were removed via PSS recommendations need to be replaced with new miles from EVM recommendations | [REDACTED] | In progress | 2/12/2021 | |

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PSPS– Open Action Items

| Workstream | Action Item | Description | Responsible party | Resolution | Target Resolution Date | Resolution Date |
|------------|---|--|-------------------|-------------|------------------------|-----------------|
| PSPS | 2000 PSPS Event – Locations where vegetation or debris came into contact with Electrical Assets | Understand the degree of asset damage from vegetation or other debris that came into contact with distribution assets during the 5 PSPS events in 2020 | | Completed | 1/19/2021 | 1/19/2021 |
| PSPS | Distribution PSPS Ranking | Rank PSPS projects based off of customer types (e.g. customer criticality) | | In Progress | 2/12/2021 | |
| PSPS | PSPS Mitigation Strategy | Need to develop overall PSPS mitigation strategy (e.g. temporary generation, commit to improvement in percentage) | | In Progress | 2/12/2021 | |
| PSPS | Incorporation of open vegetation tags in PSPS strategy | Need to state how open vegetation tags will be incorporated in PSPS strategy. Additionally, need to state how E&P tag repair work will inform any PSPS decisions | | In Progress | 2/12/2021 | |
| PSPS | PSPS Mitigation Strategy | Need to establish target thresholds for 2021 that account for 2021 weather expectations and determine appropriate communication strategy for these thresholds | | In Progress | 2/12/2021 | |

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Fire Ignition Component Program – Open Action Items

| Workstream | Action Item | Description | Responsible party | Resolution | Target Resolution Date | Resolution Date |
|---------------------------------|-----------------------|---|-------------------|-------------|------------------------|-----------------|
| Fire Ignition Component Program | Formulation and Scope | Formulate the fire ignition component program and outline the scope | [REDACTED] | In Progress | 1/29/2021 | 1/29/2021 |

Anticipated close date of today

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2021 Wildfire Mitigation Plan – Open Action Items

| Workstream | Action Item | Description | Responsible party | Resolution | Target Resolution Date | Resolution Date |
|-------------------------------|--|--|-------------------|-------------|------------------------|-----------------|
| 2021 wildfire mitigation plan | HFRM incorporation in inspection plan | Inspections needs to explicitly state HFRM incorporation in inspection plan | [REDACTED] | In Progress | 2/5/2021 | |
| 2021 wildfire mitigation plan | Volume of inspections to be completed by S/I | Inspections needs to explicitly state the volume of inspections to be completed by S/I | [REDACTED] | In Progress | 2/5/2021 | |
| 2021 wildfire mitigation plan | Include candid areas where PG&E did not meet expectations in WMP | Include in Executive summary Candid areas where PG&E did not meet expectations in WMP. For example: Veg work not risk based prioritized, gaps or systems inspections, and gaps in quality of veg management. | [REDACTED] | In Progress | 2/5/2021 | |
| 2021 wildfire mitigation plan | Fire risk replacement components Program | Frame up Fire Risk Replacement Components Program in to WMP | [REDACTED] | In Progress | 2/5/2021 | |
| 2021 wildfire mitigation plan | Comparison of original SH program with current SH program | Initial comparison of original SH program with current SH program and explicitly explain the reduction in miles to 160 miles. | [REDACTED] | In Progress | 2/5/2021 | |

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APPENDIX

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