

PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigation Plans
Rulemaking 18-10-007
Data Response

PG&E Data Request No.:	CalAdvocates_037-Q08		
PG&E File Name:	WildfireMitigationPlans_DR_CalAdvocates_037-Q08		
Request Date:	February 11, 2021	Requester DR No.:	CalAdvocates-PGE-2021WMP-03
Date Sent:	February 17, 2021	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Alan Wehrman

The following questions relate to PG&E's responses to data request CalAdvocates-PGE-R1810007-32.

QUESTION 08

For contractors who perform Transmission Sectionalizing Devices¹ work for PG&E, please explain the following:

- a) Please provide copies of all procedures that contractors are required to follow in the course of performing this work for PG&E.
- b) How does PG&E ensure contractors are aware of procedures discussed in Question 8(a)?
- c) How does PG&E communicate revisions to procedures, or new procedures, to these contractors?
- d) Is PG&E aware of any cases from 2018-2020 in which a contractor performing this work made an error, and attributed that error to being unaware of or unfamiliar with the relevant procedure (or the latest revision thereto)?
 - i. If the answer to Question 8(d) is yes, please explain each case, including how the issue was discovered, and what actions PG&E took to resolve the issue. Please provide copies of any relevant audit reports or CAP items.
- e) Please provide the full definition of "Transmission Sectionalizing Devices" as used in PG&E's response to CalAdvocates-PGE-R1810007-34.

ANSWER 08

- a. Please provide copies of all procedures that contractors are required to follow in the course of performing this work for PG&E

Below are the list of procedures that contractors are required to follow in the course

¹ For the purposes of this question, please define "Transmission Sectionalizing Devices" in the same manner as in PG&E's response to CalAdvocates-PGE-R1810007-34, in which PG&E provided an Excel spreadsheet including 12 contractors who performed "Transmission Sectionalizing Devices" work.

of performing Transmission Sectionalization Devices.

- i. Live-Line Procedures Manual, Live-Line Hot Stick Work Methods
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch01*)
- ii. TD-2923P-01 Climbing Wood Poles
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch02_CONF*)
- iii. TD-2360P-01 Rubber Glove Work Methods, 50 V to 21 kV
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch03_CONF*)
- iv. TD-1464S Preventing and Mitigating Fires While Performing PG&E Work
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch04_CONF*)
- v. TD-1464S Attachment 1 Wildfire Mitigation Matrix
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch05*)
- vi. TD-1464S Attachment 1 Wildfire Risk Checklist
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch06*)
- vii. TD-1464P-01 Fire Index Patrol and Non-Reclose Procedure
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch07_CONF*)
- viii. SAFE-1302S CRE Safety at Heights Standard
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch08*)
- ix. SAFE-1302S Attachment 1 Roster of CRE Safety at Heights SC Members
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch09*)
- x. TD-2345M Protective Grounding Material 2018
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch10*)
- xi. Fall Protection Manual Introduction and Key Terms
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch11*)
- xii. Live Line Procedures Manual – Live Line Rigging Introductory Material
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch12*)
- xiii. Live Line Procedures Manual – Live Line Rigging Calculations
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch13*)
- xiv. Fall Protection Manual - Safety
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch14*)
- xv. Fall Protection Manual - General
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch15*)
- xvi. Live Line Procedures Manual Supporting Material 2014
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch16*)

- xvii. Live Line Procedures Manual Supporting Material 2013
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch17*)
- xviii. Live Line Procedures Manual – Insulator, Cross Arm or Pole Change Procedures 2014
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch18*)
- xix. Live Line Procedures Manual – Insulator, Cross Arm or Pole Change Procedures, 60kV Framing 2014
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch19*)
- xx. Live Line Procedures Manual – Insulator, Cross Arm or Pole Change Procedures, 115kV Framing 2014
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch20*)
- xxi. Live Line Procedures Manual – Insulator, Cross Arm or Pole Change Procedures, 60kV Suspension & Dead-End 2013
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch21*)
- xxii. Live Line Procedures Manual – Insulator, Cross Arm or Pole Change Procedures 2013
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch22*)
- xxiii. Fall Protection Manual - Rescue
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch23*)
- xxiv. Fall Protection Manual – Rope Access HVL & HVA
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch24*)
- xxv. Fall Protection Manual – Rope Access HVD
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch25*)
- xxvi. Fall Protection Manual – Appendix 1: MFG Instructions & Tool Inspection Information
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch26*)
- xxvii. Fall Protection Manual – Appendix 2: Illustrations
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch27*)
- xxviii. Fall Protection Manual – Appendix 3: Forms
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch28*)
- xxix. Helicopter Operations Field Manual
(See *WildfireMitigationPlans_DR_CalAdvocates_037-Q08-Atch29*)

b. How does PG&E ensure contractors are aware of procedures discussed in Question 8(a)?

All contractors are required to take ISN training / Testing . All IBEW Linemen or other job titles dispatched out of the Local IBEW Union Hall (IBEW 1245) are

trained via an NECA approved apprenticeship on all required work procedures prior to reporting to work. The training discipline would be similar to what PGE employees receive through their apprenticeship and are required to follow.

- c. How does PG&E communicate revisions to procedures, or new procedures, to these contractors?

If new procedures or construction standards are required to be distributed to Contractors, PGE communicates through Power Advocate, Grass Roots Meetings, and makes sure to communicate the new requirements to the inspectors who are with each contract crew daily.

- d. Is PG&E aware of any cases from 2018-2020 in which a contractor performing this work made an error, and attributed that error to being unaware of or unfamiliar with the relevant procedure (or the latest revision thereto)?

No, PG&E is not aware of any cases from 2018-2020 in which a contractor performing this work made an error and attributed that error to being unaware of or unfamiliar with the relevant procedure.

- i. If the answer to Question 8(d) is yes, please explain each case, including how the issue was discovered, and what actions PG&E took to resolve the issue. Please provide copies of any relevant audit reports or CAP items.
- e. Please provide the full definition of "Transmission Sectionalizing Devices" as used in PG&E's response to CalAdvocates-PGE-R1810007-34.

Transmission Sectionalizing devices are Supervisory Control and Data Acquisition (SCADA)-operable transmission line switches installed to enable grid operating flexibility. These devices can be remote-operated and are typically installed at line junctions and near substations. Please see 2021 WMP Section 7.3.3.8.2 for more information regarding this program.