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**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

Order Instituting Investigation and Order to
Show Cause on the Commission's Own
Motion into the Operations and Practices of
Pacific Gas and Electric Company with
Respect to Locate and Mark Practices and
Related Matters.

Investigation 18-12-007
(Issued December 14, 2018)

**RESPONSE OF PACIFIC GAS AND ELECTRIC COMPANY TO
COMMISSION REQUEST REGARDING CONFIDENTIAL INFORMATION
CONTAINED IN SAFETY AND ENFORCEMENT DIVISION
INVESTIGATIVE REPORT**

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Dated: December 24, 2018

Attorneys for
PACIFIC GAS AND ELECTRIC COMPANY

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

Order Instituting Investigation and Order to Show Cause on the Commission's Own Motion into the Operations and Practices of Pacific Gas and Electric Company with Respect to Locate and Mark Practices and Related Matters.

Investigation 18-12-007
(Issued December 14, 2018)

**RESPONSE OF PACIFIC GAS AND ELECTRIC COMPANY TO
COMMISSION REQUEST REGARDING CONFIDENTIAL INFORMATION
CONTAINED IN SAFETY AND ENFORCEMENT DIVISION
INVESTIGATIVE REPORT**

I. INTRODUCTION

Pursuant to the *Order Instituting Investigation and Order to Show Cause* issued on December 14, 2018 (Order) and California Public Utilities Commission (Commission) General Order (G.O.) 66-D, Section 3.3, Pacific Gas and Electric Company (PG&E) respectfully submits this Response to the Commission's Request Regarding Confidential Information Contained in Safety and Enforcement Division Investigative Report (Response).

Included in this Response are descriptions of the proposed categories of redactions to SED's confidential "Investigative Report into the Operations and Practices of Pacific Gas & Electric Company's Damage Prevention and Locate & Mark Programs,"^{1/} (SED Investigative Report) issued by the Commission's Safety & Enforcement Division (SED) on December 6, 2018.^{2/} Also included in this Response are supporting legal objections and a confidentiality declaration that details the specific proposed redactions, if any, for the Report and its attachments.

PG&E is concurrently filing a Motion for Leave to File Under Seal pursuant to Rule 11.4 of the Commission's Rules of Practice and Procedure, in which PG&E is submitting the confidential SED Investigative Report with the proposed redactions highlighted (and underlying text visible) for ease of the Commission's review.

1/ Order at Ordering Paragraphs 14 and 15.

2/ See Appendix A to the Order.

II. PG&E'S PROPOSED REDACTIONS, SUPPORTING OBJECTIONS AND CONFIDENTIALITY DECLARATION.

PG&E summarizes its proposed redactions to the SED Investigative Report and supporting objections below, and details its specific proposed redactions in the accompanying Declaration of Richard Knoeber Supporting Confidential Designation on Behalf of Pacific Gas and Electric Company, attached to this Response.^{3/}

A. Proposed Redactions and Supporting Objections.

PG&E's proposed redactions to the SED Investigative Report are categorized below, along with the legal basis for each category of proposed redactions.

1. Names of Witnesses and Residence Addresses.

As directed in the Order,^{4/} PG&E has proposed to redact the names of witnesses and residence addresses. PG&E interprets this directive to apply to all employee and contractor names included in the Report and supporting attachments, excluding attorney names (PG&E does not view them to be witnesses) but including officer names. However, in the interest of transparency and if the Commission directs, PG&E will have no objection to unredacting the names of its officers.

Consistent with the directive in the Order, PG&E also proposes to redact other identifying factors such as job titles, duties, and physical descriptions, if that information could be used by the public to identify the individuals in question.

2. Personal Information.

Similar to the first category of confidential information described above, PG&E has proposed to redact personal information that identifies or describes an individual (including employee names and titles), which may include home address or phone number; Social Security, driver's license, or passport numbers; education; financial matters; medical or employment history; and specific statements attributed to the individuals, except statements made under oath.

3/ See Attachment A.

4/ Order at p. 16 ("...The one exception to this is names of witnesses and residence addresses. Those items shall be redacted as a matter of course...").

This information is protected under the California Constitution, Article 1, Section 1; California Civil Code §§ 1798 *et seq.*; Government Code § 6254(c), (k); 42 U.S.C. § 1320d-6; and G.O. 77-M.

3. Customer-Specific Information.

PG&E has proposed redactions for confidential customer-specific information, which generally may include demand, loads, names, addresses, and billing data. This information is protected under Public Utilities Code § 8380; Civil Code §§ 1798 *et seq.*; Government Code § 6254; and Commission Decisions (D.) 14-05-016 at 25-27, and 04-08-055 at 8.

4. Critical Energy Infrastructure Information.

PG&E has proposed redactions for confidential critical energy infrastructure information, which may include physical facility, cyber-security sensitive, or critical energy infrastructure data, including without limitation critical energy information as defined by the regulations of the Federal Energy Regulatory Commission at 18 C.F.R. § 388.113. This information is protected under Government Code § 6254(e), (k), (ab); 6 C.F.R. §§ 29.2, 29.8(g); and 6 U.S.C. § 131.

5. Third-Party Information Subject to Non-Disclosure or Confidentiality Agreements.

PG&E has proposed redactions for third-party information subject to non-disclosure or confidentiality agreements. This information is protected under Government Code § 6254(k) and D.11-01-036 at 5.

6. Possibly Corrupted Documents.

Attachment 42 contains two pages (SED 1042, 1044) that PG&E could not review because the pages appear to be corrupted. It is unclear to PG&E whether redactions to these pages are necessary. We will meet and confer with SED about this issue.

B. Supporting Confidentiality Declaration.

Attachment A to this Response is the Declaration of Richard Knoeber Supporting Confidential Designation on Behalf of Pacific Gas and Electric Company (Confidentiality Declaration). The Confidentiality Declaration (a) identifies the specific information that PG&E

proposes to redact in the SED Investigative Report and attachments to the Report, if any; (b) identifies the page number of each proposed redaction; and (c) specifies the confidentiality category of each proposed redaction, as detailed above.

III. CONCLUSION

For the reasons described in this Response and in the accompanying Confidentiality Declaration, and pursuant to Ordering Paragraphs 14 and 15 of the Order, PG&E respectfully requests that SED include PG&E's proposed redactions in the public version of the SED Investigative Report and supporting attachments filed and served in this proceeding, with the exception of officer names. As discussed above, if the Commission wishes to make officer names public, PG&E has no objection to unredacting its officers' names. PG&E has redacted their names in its filing to comply with the Order.

Respectfully Submitted,

JONATHAN D. PENDLETON

By: /s/ Jonathan D. Pendleton
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Dated: December 24, 2018

Attorney for
PACIFIC GAS AND ELECTRIC COMPANY

ATTACHMENT A

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

**DECLARATION SUPPORTING CONFIDENTIAL DESIGNATION
ON BEHALF OF
PACIFIC GAS AND ELECTRIC COMPANY**

1. I, Richard Knoeber, am a/the Compliance Specialist, Gas Operations Support Team (GOST) of Pacific Gas and Electric Company (“PG&E”), a California corporation. Melvin Christopher, the Vice President, Gas Transmission & Distribution Operations of PG&E, delegated authority to me to sign this declaration. My business office is located at:

Pacific Gas and Electric Company
6111 Bollinger Canyon Road
Mailstop BR1Y4B
San Ramon, CA 94583

2. Title and description of document(s): Please see “Exhibit B” for a chart identifying which documents contain confidential information.
3. These identified documents contain confidential information that either (1) based on my information and belief, has not been publicly disclosed, or (2) reveals the identities of potential witnesses. These documents have been marked as confidential, and the basis for confidential treatment and where the confidential information is located on the documents are identified on the following chart:

Check	Basis for Confidential Treatment	Where Confidential Information is located on the documents
<input checked="" type="checkbox"/>	Customer-specific data, which may include demand, loads, names, addresses, and billing data (Protected under PUC § 8380; Civ. Code §§ 1798 <i>et seq.</i> ; Gov't Code § 6254; Public Util. Code § 8380; Decisions (D.) 14-05-016, 04-08-055, 06-12-029)	See Exhibit B
<input checked="" type="checkbox"/>	Personal information that identifies or describes an individual (including employees), which may include home address or phone number; SSN, driver's license, or passport numbers; education; financial matters; medical or employment history; and statements attributed to the individual (Protected under Civ. Code §§ 1798 <i>et seq.</i> ; Gov't Code § 6254; 42 U.S.C. § 1320d-6; and General Order (G.O.) 77- M.)	See Exhibit B
<input checked="" type="checkbox"/>	Physical facility, cyber-security sensitive, or critical energy infrastructure data, including without limitation critical energy infrastructure information (CEII) as defined by the regulations of the Federal Energy Regulatory Commission at 18 C.F.R. § 388.113 (Protected under Gov't Code § 6254(k), (ab), (e); 6 U.S.C. § 131; 6 CFR §29.2; 6 CRF §29.8(g))	See Exhibit B
<input type="checkbox"/>	Proprietary and trade secret information or other intellectual property and protected market sensitive/competitive data (Protected under Civ. Code §§ 3426 <i>et seq.</i> ; Gov't Code §§ 6254, <i>et seq.</i> , e.g., 6254(e), 6254(k), 6254.15; Gov't Code § 6276.44; Evid. Code §1060; D.11-01-036)	
<input type="checkbox"/>	Corporate financial records (Protected under Gov't Code §§ 6254(k), 6254.15)	
<input checked="" type="checkbox"/>	Third-Party information subject to non-disclosure or confidentiality agreements (Protected under Gov't Code § 6254(k); <i>see, e.g.</i> , CPUC D.11-01-036)	See Exhibit B
<input type="checkbox"/>	Other categories where disclosure would be against the public interest (Gov't Code § 6255(a)):	

5. The importance of maintaining the confidentiality of this information outweighs any public interest in disclosure of this information. This information should be exempt from the public disclosure requirements under the Public Records Act and should be withheld from disclosure.
6. I declare under penalty of perjury that the foregoing is true, correct, and complete to the best of my knowledge.
7. Executed on this 23rd day of December, 2018 at San Ramon, California.



Richard Knoeber,
Compliance Specialist, Gas Operations Support
Team (GOST)
Pacific Gas and Electric Company

EXHIBIT B

**EXHIBIT B TO THE DECLARATION SUPPORTING CONFIDENTIAL
DESIGNATION ON BEHALF OF
PACIFIC GAS AND ELECTRIC COMPANY**

The following page contains an index identifying documents containing confidential information. Following the index, there are a series of charts detailing the basis for confidentiality treatment and where the confidential information is located on each identified document.¹ Furthermore, the accompanying confidential versions of the identified documents also denotes the location of confidential information through the use of green boxes around the information.²

¹ As documents were inconsistent in having internal pagination, for uniformity, all page citations to the identified documents are based on the page number of the PDF version of the document, even in cases where internal pagination existed within the document.

² Due to the presence of pre-existing green boxes as part of the native document, blue boxes were used to indicate confidential information with one identified document: Attachment 46 – New Start Time Field & Add Notes December 2012.

INDEX

Document	Confidential Information
SED Investigation Report	Confidential Information. See pages 8-11.
Attachment 1 – Left Intentionally Blank	No Identified Confidential Information.
Attachment 2 – Index 10707-08 Supp02 Response	Confidential Information. See page 12.
Attachment 3 – Guidepost Report	Confidential Information. See page 13.
Attachment 4 – May 2, 2018 Letter to SED Director, Guidepost Report and Bates White Report	Confidential Information. See page 14.
Attachment 5 – Index 10707-08 2012 to February 2017 PG&E Total Late Tickets Count	No Identified Confidential Information.
Attachment 6* – PG&E Procedure WP4412-03	Confidential Information. See page 15.
Attachment 7* – PG&E Procedure TD-4412P-03 Rev0	Confidential Information. See page 16.
Attachment 8* – PG&E Procedure TD-4412P-03 Rev1	Confidential Information. See page 17.
Attachment 9* – PG&E Procedure TD-5811P-102 Rev0	Confidential Information. See page 18.
Attachment 10* – PG&E Procedure TD-5811P-102 Rev1	Confidential Information. See page 19.
Attachment 11* – PG&E Procedure TD-5811P-102 Rev2	Confidential Information. See page 20.
Attachment 12 – SED Incident Investigation Report (San Jose CA - Nov 2017)	Confidential Information. See page 21.
Attachment 13 – [Redacted Name] Examination Under Oath Transcript	Confidential Information. See pages 22-23.

Document	Confidential Information
Attachment 14 – Index 9623-03 2014 to June 2016 PG&E On-Time and Late Tickets Count	No Identified Confidential Information.
Attachment 15 – Index 9623-03 2013 PG&E On-Time and Late Tickets Count	No Identified Confidential Information.
Attachment 16 – Index 10658 Response	Confidential Information. See page 24.
Attachment 17 – Index 11718 Response	Confidential Information. See page 25.
Attachment 18 – National Pipeline Incident Data	No Identified Confidential Information.
Attachment 19 – Index 11333 Response	Confidential Information. See page 26.
Attachment 20* – PG&E Procedure TD-4412P-03-JA10 Rev0	No Identified Confidential Information.
Attachment 21* – PG&E Procedure TD-4412P-03-JA10 Rev1	No Identified Confidential Information.
Attachment 22* – PG&E Procedure TD-5811P-105 Rev0	No Identified Confidential Information.
Attachment 23* – PG&E Procedure TD-5811P-105 Rev1	No Identified Confidential Information.
Attachment 24 – Index 11333 Response	Confidential Information. See page 27.
Attachment 25* – PG&E Procedure TD-5811P-105-JA01 Rev0	No Identified Confidential Information.
Attachment 26 – PG&E Procedure TD-5811P-105-JA01 Rev1	No Identified Confidential Information.
Attachment 27* – PG&E Procedure WP-4412-03-JA10 Rev0	No Identified Confidential Information.
Attachment 28** – PG&E Procedure TD-5811P-102 Rev2a	Confidential Information. See page 28.

Document	Confidential Information
Attachment 29** – PG&E Procedure TD-5811P-105 Rev1a	No Identified Confidential Information.
Attachment 30 – USA North 811 Members March 16 2018	No Identified Confidential Information.
Attachment 31 – Locate and Mark SED Update August 4, 2017	Confidential Information. See page 29.
Attachment 32 – [Redacted Name] Examination Under Oath Transcript	Confidential Information. See pages 30-33.
Attachment 33 – [Redacted Name] Examination Under Oath Transcript	Confidential Information. See pages 34-36.
Attachment 34**** – Email on December 20, 2016 re: L&M late tix (Exhibit 9 in Examination Under Oath transcribed in Attachment 35)	Confidential Information. See page 37.
Attachment 35*** – [Redacted Name] Examination Under Oath Transcript	Confidential Information. See pages 38-39.
Attachment 36 – [Redacted Name] 2015 Performance Appraisal	Confidential Information. See page 40.
Attachment 37 – Gas Incident Data	No Identified Confidential Information.
Attachment 38 – Incident Report PHMSA F7100.1 (San Jose CA-Nov 2014)	Confidential Information. See page 41.
Attachment 39 – Index 10895 Response	Confidential Information. See page 42.
Attachment 40 – Index 10516 Response	Confidential Information. See page 43.
Attachment 41 – Index 10516-04 Response	Confidential Information. See page 44.

Document	Confidential Information
Attachment 42 – Locate Mark and Standby Late Ticket Workarounds July 19, 2016	Confidential Information. See page 45.
Attachment 43 – Email on October 2016 re: CAP #7037225	Confidential Information. See page 46.
Attachment 44* – July 2012 PG&E Keys Report	Confidential Information. See pages 47-49.
Attachment 45 – PG&E Internal Auditing Letter February 10, 2012	Confidential Information. See page 50.
Attachment 46 – New Start Time Field & Add Notes December 2012	Confidential Information. See page 51.
Attachment 47 – Email on June 1, 2016 re: QM Assessments	Confidential Information. See page 52.
Attachment 48 – Mark and Locate Timeliness Corrective Actions	Confidential Information. See page 53.
Attachment 49**** – Extracted Pages of January 2017 PG&E Keys Report	Confidential Information. See page 54.
Attachment 50 – Index 11718 Response (Exhibit 3 in Examination Under Oath transcribed in Attachment 13)	Confidential Information. See page 55.
Attachment 51 – Email on March 4, 2016 re: Fairfield dig-in	Confidential Information. See page 56.
Attachment 52 – [Redacted Name] Examination Under Oath Transcript	Confidential Information. See pages 57-60.
Attachment 53 – Index 11718 Response (Exhibit 5 in Examination Under Oath transcribed in Attachment 35)	Confidential Information. See page 61.
Attachment 54 – Email on December 12, 2014 re: late tickets	Confidential Information. See page 62.

Document	Confidential Information
Attachment 55 – Email on July 28, 2016 re: Operations Morning Briefing Call	Confidential Information. See page 63.
Attachment 56 – [Redacted Name] Examination Under Oath Transcript	Confidential Information. See pages 64-66.
Attachment 57 – [Redacted Name] Examination Under Oath Transcript	Confidential Information. See pages 67-68.
Attachment 58 – [Redacted Name] Examination Under Oath Transcript	Confidential Information. See pages 69-71.
Attachment 59 – Index 11481 Response	Confidential Information. See page 72.
Attachment 60 – Index 10895-02 Supp01 Response	Confidential Information. See page 73.
Attachment 61 – Left Intentionally Blank	No Identified Confidential Information.
Attachment 62 – 2017 Common Ground Alliance Report on DIRT	No Identified Confidential Information.
Attachment 63 – Index 12211 Response	Confidential Information. See page 74.
Attachment 64 – Email on October 16, 2018 re: dig-in on late tickets	Confidential Information. See page 75.
Attachment 65 – Index 12369 Response	Confidential Information. See page 76.
Attachment 66 – 12071 Supp01 Response	Confidential Information. See page 77.
Attachment 67 – Index 12581 Response	Confidential Information. See page 78.

* These documents have previously been designated fully confidential. However, in the interest of transparency, PG&E has no objection to the release of these documents save for the confidential information discussed herein.

** Substantially similar versions of these documents have previously been designated fully confidential. However, in the interest of transparency, PG&E has no objection to the release of these documents save for the confidential information discussed herein.

*** Counsel for CPUC previously directed that part of this material to be placed under seal. The portion in question is noted in the document's respective chart. However, in the interest of transparency, PG&E has no objection to the release of these documents save for the confidential information discussed herein.

**** These documents were used as exhibits under seal as part of the Examination Under Oath transcribed in Attachment 35. However, in the interest of transparency, PG&E has no objection to the release of these documents save for the confidential information discussed herein.

Confidential Redacted Sections from SED CONFIDENTIAL Investigative Report

Name of Document	Page Number	Description of Redaction	Reason for Redaction
SED CONFIDENTIAL Investigative Report	2-3	Employee title.	Personal identifying information.
	4	Employee names and titles.	Personal identifying information.
	7	Employee title.	Personal identifying information.
	8	Employee name and title.	Personal identifying information.
	21	Employee names, titles, and responsibilities.	Personal identifying information.
	22	Employee names, titles, and location.	Personal identifying information.
	23	Employee names, titles, and responsibilities.	Personal identifying information.
	24	Employee names and titles.	Personal identifying information.
	25	Employee names.	Personal identifying information.
	26-27	Employee names and titles.	Personal identifying information.
	28	Employee name and title.	Personal identifying information.
	29	Employee names, titles, and responsibilities.	Personal identifying information.
	30	Employee names, titles, and time of position.	Personal identifying information.
	31-32	Employee names and title.	Personal identifying information.
	33	Employee names and responsibilities.	Personal identifying information.
	34	Employee names.	Personal identifying information.
	35	Employee name, third party title that may identify third party.	Personal identifying information.
	36-37	Employee name.	Personal identifying information.
	42	Employee name.	Personal identifying information.
	43	Employee names and contact information.	Personal identifying information.
	45	Employee name.	Personal identifying information.
	47	Employee name.	Personal identifying information.
	48	Employee names.	Personal identifying information.
	50-51	Employee contact information.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
SED CONFIDENTIAL Investigative Report	52	Location of PG&E assets.	Facility, security, or critical energy infrastructure data.
	54	Employee and third party names.	Personal identifying information.
	57	Employee name.	Personal identifying information.
	58	Employee names.	Personal identifying information.
	61	Employee name.	Personal identifying information.
	62	Employee names.	Personal identifying information.
	65	Employee name.	Personal identifying information.
	66	Employee name and contact information.	Personal identifying information.
	68	Employee contact information.	Personal identifying information.
	70	Employee and third party names.	Personal identifying information.
	71	Employee name.	Personal identifying information.
	74-77	Employee contact information.	Personal identifying information.
	78	Employee name and contact information.	Personal identifying information.
	79	Employee names and titles.	Personal identifying information.
	81	Employee names.	Personal identifying information.
	86-87	Employee name, titles, and responsibilities.	Personal identifying information.
	88	Employee names, title, and other identifying information.	Personal identifying information.
	89-91	Employee name.	Personal identifying information.
	92-94	Employee names.	Personal identifying information.
	95	Employee names and title.	
	96-97	Employee names.	
	98	Employee name.	Personal identifying information.
	99	Employee names.	Personal identifying information.
	100	Employee name and employment history.	Personal identifying information.
	101	Employee name, third party names, and title.	Personal identifying information.
	102	Employee name and third party name.	Personal identifying information.
	103	Employee name.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
SED CONFIDENTIAL Investigative Report	104	Employee name, third party name and title.	Personal identifying information.
	105	Employee names, titles, and other identifying information.	Personal identifying information.
	106-109	Employee name.	Personal identifying information.
	110-111	Employee names.	Personal identifying information.
	112	Employee names and title.	Personal identifying information.
	113-114	Employee name.	Personal identifying information.
	115-116	Employee names.	Personal identifying information.
	117-118	Employee names, titles, and responsibilities.	Personal identifying information.
	119	Employee name and title.	Personal identifying information.
	120	Employee name and responsibilities.	Personal identifying information.
	121	Employee names, titles and responsibilities.	Personal identifying information.
	122-124	Employee names.	Personal identifying information.
	125-126	Employee name and responsibilities.	Personal identifying information.
	127-128	Employee name.	Personal identifying information.
	129	Employee names.	Personal identifying information.
	130	Employee name.	Personal identifying information.
	131	Employee names, titles, and responsibilities.	Personal identifying information.
	132	Employee name and responsibilities.	Personal identifying information.
	133	Employee name.	Personal identifying information.
	134	Employee names and other identifying information.	Personal identifying information.
	135	Employee names.	Personal identifying information.
	136-137	Employee names and other identifying information.	Personal identifying information.
	138	Employee names.	Personal identifying information.
	139	Employee names, titles, and responsibilities.	Personal identifying information.
	140	Employee names.	Personal identifying information.
	141	Employee names and responsibilities.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
SED CONFIDENTIAL Investigative Report	142-143	Employee names.	Personal identifying information.
	144	Employee names, title, and other identifying information.	Personal identifying information.
	145-146	Employee names.	Personal identifying information.
	147-148	Employee names, titles, and responsibilities.	Personal identifying information.
	149	Employee name.	Personal identifying information.
	150	Employee names and title.	Personal identifying information.
	151	Employee names.	Personal identifying information.
	152-153	Employee name.	Personal identifying information.
	154	Employee name and other identifying information.	Personal identifying information.
	155	Employee names, titles, and responsibilities.	Personal identifying information.
	156-157	Employee names.	Personal identifying information.
	158-159	Employee names and other identifying information.	Personal identifying information.
	163-164	Employee names.	Personal identifying information.
	167	Employee names, titles, and other identifying information.	Personal identifying information.
	168-169	Employee names.	Personal identifying information.
	176	Employee name.	Personal identifying information.
	177	Employee name and title.	Personal identifying information.
	178	Employee name.	Personal identifying information.
	180	Employee names and title.	Personal identifying information.
	182	Employee names, titles, and other identifying information.	Personal identifying information.

Confidential Redacted Sections from Attachment 2.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 2 – Index 10707-08 Supp02 Response	2	Employee names, titles and email addresses.	Personal identifying information.

Confidential Redacted Sections from Attachment 3.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 3 – Guidepost Report	2	Third party name and contact information.	Personal identifying information.
	8	Employee name and title.	Personal identifying information.
	10	Employee name and title.	Personal identifying information.
	11	Employee name, title, and job description.	Personal identifying information.
	12-14	Employee names.	Personal identifying information.
	15	Employee name and employment history.	Personal identifying information.
	16	Employee employment history.	Personal identifying information.
	17	Employee names and titles.	Personal identifying information.
	18	Employee names.	Personal identifying information.
	19	Employee names, titles and employment history.	Personal identifying information.
	20	Employee names and title.	Personal identifying information.
	21	Employee names.	Personal identifying information.
	22-25	Employee names and titles.	Personal identifying information.
	26	Employee names and titles.	Personal identifying information.
	27	Employee names, date of statement, and identifying information.	Personal identifying information.
	28	Employee names, titles, and job description.	Personal identifying information.
	29-30	Employee names and titles.	Personal identifying information.
	31-33	Employee names.	Personal identifying information.
	34	Employee names and titles.	Personal identifying information.
	35	Employee names, titles, and performance evaluation.	Personal identifying information.
	36-37	Employee names.	Personal identifying information.
	38	Employee names and titles.	Personal identifying information.
	39	Employee names.	Personal identifying information.
	40	Employee names and title.	Personal identifying information.
	41	Employee names.	Personal identifying information.

Confidential Redacted Sections from Attachment 4.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 4 – Cover letter, Guidepost Report and BW report	2-3	Employee names and titles.	Personal identifying information.
	4	Third party name and contact information.	Personal identifying information.
	10	Employee titles.	Personal identifying information.
	12	Employee title.	Personal identifying information.
	13	Employee titles and job description.	Personal identifying information.
	17	Employee employment history.	Personal identifying information.
	19	Employee names and titles.	Personal identifying information.
	20	Employee names.	Personal identifying information.
	21	Employee names, titles, and employment history.	Personal identifying information.
	22-23	Employee titles.	Personal identifying information.
	24-25	Employee names and titles.	Personal identifying information.
	26	Employee titles.	Personal identifying information.
	27-28	Employee name and titles.	Personal identifying information.
	29	Employee titles.	Personal identifying information.
	30	Employee names, titles, and job description.	Personal identifying information.
	31	Employee names and titles.	Personal identifying information.
	32	Employee titles.	Personal identifying information.
	33	Employee name and titles.	Personal identifying information.
	34	Employee names and titles.	Personal identifying information.
	35	Employee titles.	Personal identifying information.
	36	Employee name and titles.	Personal identifying information.
	37	Employee names, titles, and performance evaluation.	Personal identifying information.
	38	Employee title.	Personal identifying information.
	40	Employee titles.	Personal identifying information.
	41-42	Employee names and titles.	Personal identifying information.
	43	Employee title.	Personal identifying information.
	49	Third party name.	Personal identifying information.
	54	Employee names, titles, and contact information.	Personal identifying information.

Confidential Redacted Sections from Attachment 6.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 6 – PG&E Procedure WP4412-03	11	Employee names, titles, and contract information.	Personal identifying information.
	12	Employee LAN ID.	Personal identifying information.

Confidential Redacted Sections from Attachment 7.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 7 – PG&E Procedure TD-4412P-03 Rev0	19	Employee names and titles.	Personal identifying information.

Confidential Redacted Sections from Attachment 8.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 8 – PG&E Procedure TD-4412P-03 Rev1	18	Employee names and titles.	Personal identifying information.

Confidential Redacted Sections from Attachment 9.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 9 – PG&E Procedure TD-5811P-102 Rev0	3	Customer addresses in Figure 1.	Customer-specific information.
	8	Customer address and pipeline location information in Figure 2.	Customer-specific information; Facility, security, or critical energy infrastructure data.

Confidential Redacted Sections from Attachment 10.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 10 – PG&E Procedure TD-5811P-102 Rev1	3	Customer addresses in Figure 1.	Customer-specific information.
	8	Customer address and pipeline location information in Figure 2.	Customer-specific information; Facility, security, or critical energy infrastructure data.

Confidential Redacted Sections from Attachment 11.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 11 – PG&E Procedure TD-5811P-102 Rev2	3	Customer addresses in Figure 1.	Customer-specific information.
	8	Customer address and pipeline location information in Figure 2.	Customer-specific information; Facility, security, or critical energy infrastructure data.

Confidential Redacted Sections from Attachment 12.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 12 – SED Incident Investigation Report (San Jose CA - Nov 2017)	5	Employee name.	Personal identifying information.

Confidential Redacted Sections from Attachment 13.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 13 – [Redacted Name] Examination Under Oath Transcript	2-4	Employee name.	Personal identifying information.
	5	Employee name and title.	Personal identifying information.
	6-8	Employee names.	Personal identifying information.
	9	Employee name and employment history.	Personal identifying information.
	10	Employee education, employment history, title and job description.	Personal identifying information.
	11	Employee title and job description.	Personal identifying information.
	12	Employee job description.	Personal identifying information.
	20-21	Employee names.	Personal identifying information.
	23	Employee name.	Personal identifying information.
	31-33	Employee name.	Personal identifying information.
	35	Employee name.	Personal identifying information.
	42	Employee name.	Personal identifying information.
	43	Employee employment history; information regarding AGA ranking.	Personal identifying information; third party information subject to non-disclosure agreement.
	45-46	Employee names.	Personal identifying information.
	49	Employee name.	Personal identifying information.
	53	Employee names.	Personal identifying information.
	54	Third party name.	Personal identifying information.
	55-56	Employee names.	Personal identifying information.
	58	Employee name.	Personal identifying information.
	64	Employee title.	Personal identifying information.
	72	Employment history.	Personal identifying information.
	76-81	Employee name.	Personal identifying information.
	82-83	Employee title.	Personal identifying information.
	84	Employee name and title.	Personal identifying information.
	85-91	Employee names.	Personal identifying information.
	93	Employee name.	Personal identifying information.
	108	Employee name.	Personal identifying information.
	111	Third party name and employment history.	Personal identifying information.
	113	Third party name.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 13 – [Redacted Name] Examination Under Oath Transcript	115	Employee name.	Personal identifying information.
	118	Third party name and employee name.	Personal identifying information.
	120	Employee name.	Personal identifying information.
	124	Employee name.	Personal identifying information.
	126	Employee name; third party name and employment history.	Personal identifying information.
	127-29	Employee name.	Personal identifying information.
	131-32	Employee names.	Personal identifying information.
	134-35	Employee name.	Personal identifying information.

Confidential Redacted Sections from Attachment 16.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 16 – Index 10658 Response	2	Employee name and contact information.	Personal identifying information.
	3	Employee name.	Personal identifying information.
	4	Employee name, title, and contact information.	Personal identifying information.

Confidential Redacted Sections from Attachment 17.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 17 – Index 11718 Response	2-4	Employee names.	Personal identifying information.

Confidential Redacted Sections from Attachment 19.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 19 – Index 11333 Response	2	Employee names, title and contact information.	Personal identifying information.
	8-9	Employee names, titles and contact information.	Personal identifying information.
	11	Employee names and titles.	Personal identifying information.
	14-15	Employee names, titles and contact information.	Personal identifying information.

Confidential Redacted Sections from Attachment 24.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 24 – Index 11333 Response	2	Employee names and contact information.	Personal identifying information.
	4	Employee names and titles.	Personal identifying information.
	7-8	Employee names and contact information.	Personal identifying information.

Confidential Redacted Sections from Attachment 28.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 28 – PG&E Procedure TD-5811P-102 Rev2a	3	Customer address in Figure 1.	Customer-specific information.
	8	Customer address and pipeline location information in Figure 2.	Customer-specific information; Facility, security, or critical energy infrastructure data.

Confidential Redacted Sections from Attachment 31.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 31 – Locate and Mark SED Update August 4, 2017	4	Employee title.	Personal identifying information.

Confidential Redacted Sections from Attachment 32.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 32 – [Redacted Name] Examination Under Oath Transcript	2	Employee name.	Personal identifying information.
	5-6	Employee name and title.	Personal identifying information.
	7	Employee name.	Personal identifying information.
	9	Employee employment history.	Personal identifying information.
	10	Employee and third party names, titles, and job descriptions.	Personal identifying information.
	11	Third party name.	Personal identifying information.
	18	Employee group membership.	Personal identifying information.
	20	Employee title and employment history.	Personal identifying information.
	21	Employee names, title, job description, and employment history.	Personal identifying information.
	22	Employee names, titles, and employment history.	Personal identifying information.
	23	Employee names, titles, job descriptions, and employment history.	Personal identifying information.
	24	Employee names, titles, and employment history.	Personal identifying information.
	26	Employee names and titles.	Personal identifying information.
	27	Employee names, job descriptions, and employment history.	Personal identifying information.
	28	Employee names, titles, and job descriptions.	Personal identifying information.
	29	Employee name and job descriptions.	Personal identifying information.
	30	Employee names and titles.	Personal identifying information.
	31-32	Employee name.	Personal identifying information.
	35	Employee job description.	Personal identifying information.
	36	Employee name.	Personal identifying information.
	38	Employee name.	Personal identifying information.
	39	Employee job description.	Personal identifying information.
	49	Employee job description.	Personal identifying information.
	50	Employee employment history.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 32 – [Redacted Name] Examination Under Oath Transcript	51	Employee name.	Personal identifying information.
	54	Employee name.	Personal identifying information.
	56	Employee name, title, and job description.	Personal identifying information.
	57-60	Employee names and job descriptions.	Personal identifying information.
	62	Employee names.	Personal identifying information.
	64	Employee names, titles, and job descriptions.	Personal identifying information.
	65	Employee job descriptions.	Personal identifying information.
	66	Employee name and identifying information.	Personal identifying information.
	69-73	Employee employment history.	Personal identifying information.
	74	Employee name, title and employment history.	Personal identifying information.
	75	Employee employment history.	Personal identifying information.
	76	Employee name, title, and employment history.	Personal identifying information.
	77-78	Employee employment history.	Personal identifying information.
	79	Employee name, title, employment history, and job description.	Personal identifying information.
	80-1	Employee names, titles, and employment history.	Personal identifying information.
	82	Employee names, titles, and job descriptions.	Personal identifying information.
	83	Employee names and job description.	Personal identifying information.
	84-85	Employee names, job descriptions, and specific statements attributed to individuals.	Personal identifying information.
	86-87	Employee names and specific statements attributed to individuals.	Personal identifying information.
	88	Employee names.	Personal identifying information.
	89	Employee names, titles, and identifying information.	Personal identifying information.
	90	Employee name and employment history.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 32 – [Redacted Name] Examination Under Oath Transcript	91	Employee name, title, and specific statement attributed to individual.	Personal identifying information.
	92	Employee names.	Personal identifying information.
	93	Employee names and employment history.	Personal identifying information.
	94	Employee names.	Personal identifying information.
	95	Employee names, titles, and job descriptions.	Personal identifying information.
	96	Employee names and employment history.	Personal identifying information.
	97	Employee names.	Personal identifying information.
	98	Employee names, titles, and employment history.	Personal identifying information.
	99	Employee names.	Personal identifying information.
	100	Employee name, title, and identifying information.	Personal identifying information.
	101-02	Employee names, title, and job description.	Personal identifying information.
	103-05	Employee names.	Personal identifying information.
	106-07	Employee names and employment history.	Personal identifying information.
	108	Employee names and titles.	Personal identifying information.
	109	Employee employment history.	Personal identifying information.
	110	Employee names, job description, and employment history.	Personal identifying information.
	111	Employee names.	Personal identifying information.
	112-14	Employee names and job description.	Personal identifying information.
	115-16	Employee name and employment history.	Personal identifying information.
	117	Employee names and identifying information.	Personal identifying information.
	118	Employee names, titles, and job descriptions.	Personal identifying information.
	120-23	Employee name and job descriptions.	Personal identifying information.
	124	Employee name.	Personal identifying information.
	125	Employee identifying information.	Personal identifying information.
	126	Employee names.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 32 – [Redacted Name] Examination Under Oath Transcript	127	Employee name and job description.	Personal identifying information.
	128	Employee names, title, and job descriptions.	Personal identifying information.
	129	Employee name and job description.	Personal identifying information.
	130	Employee job description.	Personal identifying information.
	131	Employee name, title, and job description.	Personal identifying information.
	132	Employee names and job description.	Personal identifying information.
	133-34	Employee name.	Personal identifying information.

Confidential Redacted Sections from Attachment 33.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 33 – [Redacted Name] Examination Under Oath Transcript	2-7	Employee name.	Personal identifying information.
	11	Employee employment history.	Personal identifying information.
	13-17	Employee employment history and job description.	Personal identifying information.
	18	Employee title.	Personal identifying information.
	20-21	Employee title, job description and employment history.	Personal identifying information.
	28	Employee title.	Personal identifying information.
	31	Employee title.	Personal identifying information.
	32	Employee title and job description.	Personal identifying information.
	35-36	Employee job description and performance evaluations.	Personal identifying information.
	37	Employee title.	Personal identifying information.
	38	Employee employment history.	Personal identifying information.
	41	Employee title and specific statements attributed to individual.	Personal identifying information.
	45-46	Employee title.	Personal identifying information.
	51	Employee title and employment history.	Personal identifying information.
	52	Employee job description, performance evaluations, and specific statements attributed to individual.	Personal identifying information.
	53	Employee job description and specific statements attributed to individual.	Personal identifying information.
	55	Employee title.	Personal identifying information.
	59-60	Employee title and employment history.	Personal identifying information.
	65	Employee name.	Personal identifying information.
	66	Employee job description.	Personal identifying information.
	70	Employee title.	Personal identifying information.
	71	Employee name, title, and job description.	Personal identifying information
	72-74	Employee name and job description.	Personal identifying information
	76	Employee names.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 33 – [Redacted Name] Examination Under Oath Transcript	77	Employee employment history.	Personal identifying information.
	79-80	Employee job description.	Personal identifying information.
	83	Employee name and title.	Personal identifying information.
	84	Employee title and employment history.	Personal identifying information.
	85	Employee title.	Personal identifying information.
	87	Employee name and titles.	Personal identifying information.
	88	Employee names.	Personal identifying information.
	89	Employee names, title, and job description.	Personal identifying information.
	90-91	Employee names.	Personal identifying information.
	95	Employee job description.	Personal identifying information.
	96	Employee name.	Personal identifying information.
	105	Employee title and employment history.	Personal identifying information.
	108	Location of physical facility.	Facility, security, or critical energy infrastructure data.
	112	Employee job description and employment history.	Personal identifying information.
	114	Employee job description.	Personal identifying information.
	117	Employee job description.	Personal identifying information.
	121	Employee name.	Personal identifying information.
	126	Employee job description.	Personal identifying information.
	127	Employee name and title.	Personal identifying information.
	128	Employee name.	Personal identifying information.
	129	Employee title.	Personal identifying information.
	132	Employee names.	Personal identifying information.
	137	Employee name.	Personal identifying information.
	138	Employee title.	Personal identifying information.
	143	Employee title and employment history.	Personal identifying information.
	144	Employee names and titles.	Personal identifying information.
	145	Employee name and job description.	Personal identifying information.
	146	Employee name, job description, and specific statements attributed to individual.	Personal identifying information.
	147	Employee job description.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 33 – [Redacted Name] Examination Under Oath Transcript	150	Employee name.	Personal identifying information.
	152-54	Employee name.	Personal identifying information.
	155	Employee name, employment history.	Personal identifying information.
	155-56	Employee names, job description, and specific statements attributed to individual.	Personal identifying information.
	158-60	Employee names, job description, and specific statements attributed to individual.	Personal identifying information.
	161-63	Employee names, job description, and specific statements attributed to individual.	Personal identifying information.
	164-66	Employee name.	Personal identifying information.

Confidential Redacted Sections from Attachment 34.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 34 – Email on December 20, 2016 re: L&M late tix (Exhibit 9 in Examination Under Oath transcribed in Attachment 35)	2	Employee names and employee email address.	Personal identifying information.

Confidential Redacted Sections from Attachment 35.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 35 – [Redacted Name] Examination Under Oath Transcript (w/ sealing language)	2	Employee name.	Personal identifying information.
	4-5	Employee name.	Personal identifying information.
	6	Employee name and title.	Personal identifying information.
	7-8	Employee name.	Personal identifying information.
	9	Employee name and employment history.	Personal identifying information.
	10-13	Employee title, employment history, and job description.	Personal identifying information.
	18	Employee title.	Personal identifying information.
	26-178	Counsel for CPUC requested testimony to be sealed at point in time.	
	26	Employee name.	Personal identifying information.
	32	Employee name.	Personal identifying information.
	35-7	Employee name.	Personal identifying information.
	40	Employee name and descriptive information.	Personal identifying information.
	41-2	Employee name.	Personal identifying information.
	44	Employee name.	Personal identifying information.
	53	Employee name.	Personal identifying information.
	56	Employee name.	Personal identifying information.
	65	Employee names.	Personal identifying information.
	71	Employee name.	Personal identifying information.
	75	Employee name.	Personal identifying information.
	77-9	Employee name.	Personal identifying information.
	87	Employee name.	Personal identifying information.
	92	Employee names and title.	Personal identifying information.
	95	Employee name and title.	Personal identifying information.
	96-7	Employee name.	Personal identifying information.
	105	Employee name.	Personal identifying information.
	108	Employee names.	Personal identifying information.
	109-111	Employee names, titles, and job description.	Personal identifying information.
	112	Employee names and job descriptions.	Personal identifying information.
	113	Employee and third party names.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 35 – [Redacted Name] Examination Under Oath Transcript (w/ sealing language)	114	Employee name.	Personal identifying information.
	115-6	Employee and third party names.	Personal identifying information.
	117	Employee names.	Personal identifying information.
	118	Employee and third party names.	Personal identifying information.
	119-20	Third party name.	Personal identifying information.
	122	Employee and third party names.	Personal identifying information.
	124	Employee name.	Personal identifying information.
	125	Employee name.	Personal identifying information.
	126	Third party name.	Personal identifying information.
	128-9	Employee names and e-mail address.	Personal identifying information.
	135-36	Employee name.	Personal identifying information.
	138	Employee name.	Personal identifying information.
	140-43	Employee names.	Personal identifying information.
	145-46	Employee names.	Personal identifying information.
	147	Employee name and title.	Personal identifying information.
	151	Employee name.	Personal identifying information.
	156	AGA information.	Third party information subject to nondisclosure/confidentiality agreements.
	162-6	Employee name.	Personal identifying information.
	167	Employee names, titles, and job descriptions.	Personal identifying information.
	168	Employee names and titles.	Personal identifying information.
	169	Employee names.	Personal identifying information.
	174	Employee name, employment history, and job description.	Personal identifying information.
	175-77	Employee names.	Personal identifying information.
	179-81	Employee name.	Personal identifying information.

Confidential Redacted Sections from Attachment 36.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 36 – [Redacted Name] 2015 Performance Appraisal	2-5	Employee names and comments regarding performance.	Personal identifying information.
	6	Employee names.	Personal identifying information.
	7-14	Employee names and comments regarding performance.	Personal identifying information.

Confidential Redacted Sections from Attachment 38.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 38 – Incident Report PHMSA F7100.1 (San Jose CA- Nov 2014)	11	Employee names, titles, and contact information.	Personal identifying information.

Confidential Redacted Sections from Attachment 39.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 39 – Index 10895 Response	2	Employee names, titles, and contact information.	Personal identifying information.
	3	Employee names and contact information.	Personal identifying information.
	5-6	Employee names, titles, and contact information.	Personal identifying information.
	8-9	Employee names, titles, and contact information.	Personal identifying information.

Confidential Redacted Sections from Attachment 40.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 40 – Index 10516 Response	2	Employee names, titles, and contact information.	Personal identifying information.

Confidential Redacted Sections from Attachment 41.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 41 – Index 10516-04 Response	4-5	Employee names.	Personal identifying information.

Confidential Redacted Sections from Attachment 42.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 42 – Locate Mark and Standby Late Ticket Workarounds July 19, 2016	2	Employee and third party names and contact information.	Personal identifying information.
	24	Employee name.	Personal identifying information.
	29	Employee names.	Personal identifying information.
	33-35	Employee name.	Personal identifying information.
	37-38	Employee name.	Personal identifying information.

Confidential Redacted Sections from Attachment 43.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 43 – Email on October 2016 re: CAP #7037225	2-3	Employee names, titles, and contact information.	Personal identifying information.

Confidential Redacted Sections from Attachment 44.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 44 – PG&E Gas Operations Keys to Success	3-5	Employee names.	Personal identifying information.
	13-17	Employee names.	Personal identifying information.
	18	Employee names and titles.	Personal identifying information.
	23-42	Employee names.	Personal identifying information.
	43	Employee names and job descriptions.	Personal identifying information.
	44-55	Employee names.	Personal identifying information.
	56	Employee names; third party name and title.	Personal identifying information.
	57-58	Employee names	Personal identifying information.
	59	Employee names and titles.	Personal identifying information.
	60-62	Employee names.	Personal identifying information.
	66-69	Employee names.	Personal identifying information.
	73	Employee names; benchmarking data	Personal identifying information; Third-party information subject to nondisclosure/confidentiality agreements.
	74-84	Employee names.	Personal identifying information.
	85	Employee names and titles.	Personal identifying information.
	86-88	Employee names.	Personal identifying information.
	91-94	Employee names.	Personal identifying information.
	96	Employee names.	Personal identifying information.
	101-02	Employee names.	Personal identifying information.
	105-11	Employee names.	Personal identifying information.
	114	Employee names.	Personal identifying information.
	115-16	Employee names; benchmarking data.	Personal identifying information; Third-party information subject to nondisclosure/confidentiality agreements.
	117	Employee names.	Personal identifying information.
	118	Employee titles.	Personal identifying information
	119-36	Employee names.	Personal identifying information.
	140-42	Employee names.	Personal identifying information.
	145	Employee names.	Personal identifying information.
	148-52	Employee names.	Personal identifying information.
	156	Employee names.	Personal identifying information.
	158-62	Employee names.	Personal identifying information.
	164	Employee names.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 44 – PG&E Gas Operations Keys to Success	166	Employee names.	Personal identifying information.
	168-71	Employee names.	Personal identifying information.
	183	Customer names and addresses; PG&E asset location.	Customer-specific information; Facility, security, or critical energy infrastructure data.
	187	Employee names.	Personal identifying information.
	189-208	Employee names.	Personal identifying information.
	209	Employee names and telephone numbers.	Personal identifying information.
	210	Customer names and addresses; PG&E asset location.	Customer-specific information; Facility, security, or critical energy infrastructure data.
	215-20	Employee names.	Personal identifying information.
	225-30	Employee names.	Personal identifying information.
	231-36	Employee names and job descriptions.	Personal identifying information.
	237-64	Employee names.	Personal identifying information.
	265	Employee names; customer names.	Personal identifying information; customer-specific information.
	266-75	Employee names.	Personal identifying information.
	276	Employee names; physical facility location.	Personal identifying information; Facility, security, or critical energy infrastructure data.
	277-305	Employee names.	Personal identifying information.
	306-308	Employee names and titles.	Personal identifying information.
	309-10	Employee names.	Personal identifying information.
	311	Employee names and titles.	Personal identifying information.
	312	Employee names.	Personal identifying information.
	313-14	Employee names and titles.	Personal identifying information.
	315	Employee names.	Personal identifying information.
	316	Employee and third party names; third party address.	Personal identifying information.
	317	Employee names; benchmarking data.	Personal identifying information; Third-party information subject to nondisclosure/confidentiality agreements.
	318	Employee names.	Personal identifying information.
	319	Employee names; benchmarking data.	Personal identifying information; Third-party information subject to nondisclosure/confidentiality agreements.
	320-29	Employee names.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 44 – PG&E Gas Operations Keys to Success	330	Employee names; benchmarking data.	Personal identifying information; Third-party information subject to nondisclosure/confidentiality agreements.
	331	Employee names.	Personal identifying information.
	332	Employee names and title.	Personal identifying information.
	333-39	Employee names.	Personal identifying information.
	352-53	PG&E asset location.	Facility, security, or critical energy infrastructure data.
	364-65	Customer names.	Customer-specific information.
	377-80	Employee names.	Personal identifying information.
	382	Employee names.	Personal identifying information.
	384-98	Employee names.	Personal identifying information.
	399	Employee and third party names.	Personal identifying information.
	400-05	Employee names.	Personal identifying information.
	406	Employee name and title.	Personal identifying information.
	408-09	Employee names.	Personal identifying information.
	413	Employee names.	Personal identifying information.
	415-16	Employee names.	Personal identifying information.
	418	Employee names.	Personal identifying information.
	420-21	Employee names.	Personal identifying information.
	429	Employee names.	Personal identifying information.
	430-31	Employee name and title.	Personal identifying information.
	432-50	Employee names.	Personal identifying information.
	454-56	Employee names.	Personal identifying information.
	460-62	Employee names.	Personal identifying information.

Confidential Redacted Sections from Attachment 45.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 45 – PG&E Internal Auditing Letter February 10, 2012	2	Employee name and title.	Personal identifying information.
	3-8	Employee name.	Personal identifying information.
	9	Employee names and contact information.	Personal identifying information.

Confidential Redacted Sections from Attachment 46.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 46 – New Start Time Field & Add Notes December 2012	5	Third party name and contact information; gas maps.	Personal identifying information; Physical Facility Critical Energy Infrastructure.
	6	Gas maps.	Physical Facility Critical Energy Infrastructure
	7-8	Third party phone number.	Personal identifying information.
	9-10	Third party name and contact information.	Personal identifying information.
	11	Third party phone number.	Personal identifying information.
	12	Third party phone number.	Personal identifying information.
	13	Third party name, address, and contact information.	Personal identifying information.
	14	Third party name, address, and contact information.	Personal identifying information.
	15-16	Third party address and phone number.	Personal identifying information.
	20	Third party name and phone number.	Personal identifying information.
	24	Third party name and phone number.	Personal identifying information.
	25	Third party address.	Personal identifying information.
	30	Third party name, address, and phone number.	Personal identifying information.
	31	Employee names and titles; third party addresses.	Personal identifying information.

Confidential Redacted Sections from Attachment 47.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 47 – Email on June 1, 2016 re: QM Assessments	2	Employee names and titles; third party addresses.	Personal identifying information.

Confidential Redacted Sections from Attachment 48.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 48 – Mark and Locate Timeliness Corrective Actions	2-3	Employee names.	Personal identifying information.
	4	Employee names and titles.	Personal identifying information.
	5-7	Employee name.	Personal identifying information.

Confidential Redacted Sections from Attachment 49.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 49 – Extracted Pages of January 2017 PG&E Keys Report	2	Employee name.	Personal identifying information.

Confidential Redacted Sections from Attachment 50.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 50 – Index 11718 Response (Exhibit 3 in Examination Under Oath transcribed in Attachment 13)	2-4	Employee names.	Personal identifying information.

Confidential Redacted Sections from Attachment 51.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 51 – Email on March 4, 2016 re: Fairfield dig-in	2	Employee names, titles, and contact information.	Personal identifying information.
	3	Employee name and third party names and contact information.	Personal identifying information.

Confidential Redacted Sections from Attachment 52.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 52 – [Redacted Name] Examination Under Oath Transcript	2-4	Employee name.	Personal identifying information.
	5-187	Employee name in header.	Personal identifying information.
	5	Employee name and address.	Personal identifying information.
	9	Employee name.	Personal identifying information.
	13	Employee name and job description.	Personal identifying information.
	17	Employee employment history.	Personal identifying information.
	20	Employee name.	Personal identifying information.
	21	Employee names, titles, and employment history.	Personal identifying information.
	22	Employee employment history and job description.	Personal identifying information.
	23-24	Employee names, titles, and employment history.	Personal identifying information.
	25	Employee names and employment history.	Personal identifying information.
	26-27	Employee names, titles, and employment history.	Personal identifying information.
	28	Employee and third party names, employee titles, and employment history.	Personal identifying information.
	29	Employee name and title.	Personal identifying information.
	31	Employee name.	Personal identifying information.
	35	Employee names, title, and employment history.	Personal identifying information.
	36	Employee names and titles.	Personal identifying information.
	37	Employee names.	Personal identifying information.
	38-41	Employee names and job descriptions.	Personal identifying information.
	43	Employee name.	Personal identifying information.
	44	Employee job description.	Personal identifying information.
	46	Employee job description.	Personal identifying information.
	48	Employee names and titles.	Personal identifying information.
	49-50	Employee names and employment history.	Personal identifying information.
	52	Employee job description.	Personal identifying information.
	53-54	Employee names and job description.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 52 – [Redacted Name] Examination Under Oath Transcript	55	Employee employment history.	Personal identifying information.
	56	Employee names, employment history, and specific statements attributed to individuals.	Personal identifying information.
	57	Employee name, job description, and employment history.	Personal identifying information.
	58	Employee job description, employment history, and specific statements attributed to individual.	Personal identifying information.
	59	Employee names and titles.	Personal identifying information.
	60	Employee names and employment history.	Personal identifying information.
	61	Employee job description and employment history.	Personal identifying information.
	62-64	Employee names.	Personal identifying information.
	67-68	Employee names.	Personal identifying information.
	70	Employee names and job description.	Personal identifying information.
	71-72	Employee names	Personal identifying information.
	73-74	Employee names and job description.	Personal identifying information.
	75	Employee names and employment history.	Personal identifying information.
	76-77	Employee names.	Personal identifying information.
	78-79	Employee names and titles.	Personal identifying information.
	80-81	Employee names.	Personal identifying information.
	82	Employee name and job description.	Personal identifying information.
	83	Employee names and titles.	Personal identifying information.
	84	Employee names, titles, and job descriptions.	Personal identifying information.
	85	Employee names.	Personal identifying information.
	86-87	Employee names and job description.	Personal identifying information.
	88	Employee names and titles.	Personal identifying information.
	89-90	Employee names, titles, and job descriptions.	Personal identifying information.
	91	Employee job description.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 52 – [Redacted Name] Examination Under Oath Transcript	92-93	Employee names.	Personal identifying information.
	97	Employee name.	Personal identifying information.
	104	Employee name and title.	Personal identifying information.
	108	Employee names.	Personal identifying information.
	110	Employee names and employment history.	Personal identifying information.
	111	Employee names and job description.	Personal identifying information.
	112	Employee names.	Personal identifying information.
	113	Employee names and job description.	Personal identifying information.
	114	Employee name.	Personal identifying information.
	115	Employee names and job description.	Personal identifying information.
	116-18	Employee names.	Personal identifying information.
	120	Employee names.	Personal identifying information.
	123	Employee names.	Personal identifying information.
	124-25	Employee names and job description.	Personal identifying information.
	126	Employee name.	Personal identifying information.
	128	Employee name.	Personal identifying information.
	131	Employee names.	Personal identifying information.
	133	Employee employment history.	Personal identifying information.
	136-37	Employee names and job description.	Personal identifying information.
	138	Employee names and employment history.	Personal identifying information.
	139	Employee names, job description, and employment history.	Personal identifying information.
	142-45	Employee names.	Personal identifying information.
	147	Employee name.	Personal identifying information.
	149	Employee name.	Personal identifying information.
	151-52	Employee name.	Personal identifying information.
	153-54	Employee names and titles.	Personal identifying information.
	156-61	Employee names.	Personal identifying information.
	164-65	Employee name.	Personal identifying information.
	166	Employee names and title.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 52 – [Redacted Name] Examination Under Oath Transcript	167-68	Employee names.	Personal identifying information.
	172	Employee name.	Personal identifying information.
	174	Employee name and job description.	Personal identifying information.
	175-79	Employee names.	Personal identifying information.
	183	Employee name.	Personal identifying information.
	185-86	Employee names.	Personal identifying information.

Confidential Redacted Sections from Attachment 53.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 53 – Index 11718 Response (Exhibit 5 in Examination Under Oath transcribed in Attachment 35)	2-4	Employee names.	Personal identifying information.

Confidential Redacted Sections from Attachment 54.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 54 – Email on December 12, 2014 re: late tickets	2	Employee names, title, and contact information.	Personal identifying information.

Confidential Redacted Sections from Attachment 55.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 55 – Email on July 28, 2016 re: Operations Morning Briefing Call	2	Employee names, titles, and identifying descriptions.	Personal identifying information.

Confidential Redacted Sections from Attachment 56.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 56 – [Redacted Name] Examination Under Oath Transcript	2-222	Employee name in header.	Personal identifying information.
	2-4	Employee names.	Personal identifying information.
	5	Employee name and address.	Personal identifying information.
	11-12	Employee name.	Personal identifying information.
	14-15	Employee employment history.	Personal identifying information.
	16	Employee titles and employment history.	Personal identifying information.
	17	Employee name, titles, and employment history.	Personal identifying information.
	18	Employee titles and employment history.	Personal identifying information.
	19-20	Employee titles, employment history, and job description.	Personal identifying information.
	21	Employee name, titles, and employment history.	Personal identifying information.
	22	Employee name, titles, and job description.	Personal identifying information.
	23	Employee name, title, employment history, and job description.	Personal identifying information.
	24	Employee title and employment history.	Personal identifying information.
	25	Employee names and title.	Personal identifying information.
	26-27	Employee title, employment history, and job description.	Personal identifying information.
	28	Employee name and employment history.	Personal identifying information.
	29-30	Employee names, title, and employment history.	Personal identifying information.
	31	Employee title, employment history, job description, and descriptive information.	Personal identifying information.
	32	Employee name, title, and employment history.	Personal identifying information.
	33	Employee name and job description.	Personal identifying information.
	44-46	Employee names and job titles.	Personal identifying information.
	47-48	Employee name.	Personal identifying information.
	60	Employee names.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 56 – [Redacted Name] Examination Under Oath Transcript	64	Employee title and employment history.	Personal identifying information.
	65	Employee name.	Personal identifying information.
	67	Employee name.	Personal identifying information.
	75	Employee name.	Personal identifying information.
	76-77	Employee names and title.	Personal identifying information.
	78-80	Employee names.	Personal identifying information.
	81	Employee and third party names and job description.	Personal identifying information.
	82	Employee and third party names.	Personal identifying information.
	83	Employee names and job description.	Personal identifying information.
	84	Employee name.	Personal identifying information.
	88-91	Employee names.	Personal identifying information.
	94	Employee names and title.	Personal identifying information.
	95-98	Employee names.	Personal identifying information.
	100-02	Employee names.	Personal identifying information.
	104-05	Employee names.	Personal identifying information.
	106-07	Employee names and job descriptions.	Personal identifying information.
	108	Employee name.	Personal identifying information.
	109	Employee names and employment history.	Personal identifying information.
	110	Third party name.	Personal identifying information.
	111	Employee names and titles.	Personal identifying information.
	112	Employee names and job descriptions.	Personal identifying information.
	116-17	Employee names and performance evaluation.	Personal identifying information.
	119	Employee names.	Personal identifying information.
	121-25	Employee names.	Personal identifying information.
	126	Employee employment history.	Personal identifying information.
	127	Employee names and employment history.	Personal identifying information.
	128	Employee job description.	Personal identifying information.
	129-30	Employee names and employment history.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 56 – [Redacted Name] Examination Under Oath Transcript	131	Employee name, employment history, and performance valuation.	Personal identifying information.
	132	Employee performance evaluation and employment history.	Personal identifying information.
	133	Employee name and employment history.	Personal identifying information.
	134	Employee name.	Personal identifying information.
	135	Employment history.	Personal identifying information.
	137-38	Employee name and employment history.	Personal identifying information.
	139-43	Employee names.	Personal identifying information.
	145-46	Employee names.	Personal identifying information.
	147	Employee and third party names.	Personal identifying information.
	148-150	Employee names.	Personal identifying information.
	151	Employee names and employment history.	Personal identifying information.
	152	Employee names and descriptive information.	Personal identifying information.
	153	Employee title.	Personal identifying information.
	154	Employee title, job description, and employment history.	Personal identifying information.
	155	Employee name and employment history.	Personal identifying information.
	156	Employee name.	Personal identifying information.
	161	Employee name.	Personal identifying information.
	165	Employee names.	Personal identifying information.
	168	Employee names.	Personal identifying information.
	169	Third party name.	Personal identifying information.
	171-73	Employee names.	Personal identifying information.
	176	Third party name and contact information.	Personal identifying information.
	177	Employee and third party names and contact information.	Personal identifying information.
	179	Employee names and contact information.	Personal identifying information.
	185	Employee name.	Personal identifying information.
	187-222	Index.	Personal identifying information.

Confidential Redacted Sections from Attachment 57.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 57 – [Redacted Name] Examination Under Oath Transcript	All pages	Employee name in top margin.	Personal identifying information.
	2	Employee name.	Personal identifying information.
	4	Employee name.	Personal identifying information.
	5	Employee name and address.	Personal identifying information.
	24	Employee title and employment history.	Personal identifying information.
	25	Employee job description.	Personal identifying information.
	27-28	Employee employment history.	Personal identifying information.
	39	Employee employment history.	Personal identifying information.
	42	Employee name.	Personal identifying information.
	43	Employee names and titles.	Personal identifying information.
	44-45	Employee names.	Personal identifying information.
	46	Employee employment history.	Personal identifying information.
	51-52	Employee work history.	Personal identifying information.
	59	Employee names and titles.	Personal identifying information.
	64-66	Employee names.	Personal identifying information.
	71	Employee name.	Personal identifying information.
	75-78	Employee names.	Personal identifying information.
	81	Employee names and job description.	Personal identifying information.
	86	Employee contact information.	Personal identifying information.
	91	Employee name.	Personal identifying information.
	96	Employee name.	Personal identifying information.
	111	Employee names.	Personal identifying information.
	137	Employee name.	Personal identifying information.
	140	Employee name.	Personal identifying information.
	142	Employee name.	Personal identifying information.
	161-62	Employee name.	Personal identifying information.
	166	Third party name.	Personal identifying information.
	167	Employee and third party names.	Personal identifying information.
	168	Employee names, title, job description, and identifying descriptions.	Personal identifying information.
	171	Employee name.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 57 – [Redacted Name]	172	Employee name, title, and job description.	Personal identifying information.
	173	Employee name.	Personal identifying information.
	175	Employee name.	Personal identifying information.
	177-209	Index.	Personal identifying information.

Confidential Redacted Sections from Attachment 58.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 58 – [Redacted Name] Examination Under Oath Transcript	All pages	Name of employee on top of each page.	Personal identifying information.
	2	Employee name.	Personal identifying information.
	4-5	Employee names.	Personal identifying information.
	7	Employee name.	Personal identifying information.
	11	Employee names.	Personal identifying information.
	12	Employee names and titles.	Personal identifying information.
	13	Employee names.	Personal identifying information.
	14	Employee name and personal information.	Personal identifying information.
	17	Employment history.	Personal identifying information.
	18	Employee name, titles, and employment history.	Personal identifying information.
	20	Employee name and job description.	Personal identifying information.
	26	Employee names and titles.	Personal identifying information.
	27-30	Employee names, titles, and employment history.	Personal identifying information.
	31	Employee titles and employment history.	Personal identifying information.
	32	Employee names.	Personal identifying information.
	33-6	Employee names and employment history.	Personal identifying information.
	45	Employee name.	Personal identifying information.
	62	Employee name and job description.	Personal identifying information.
	64	Employee name.	Personal identifying information.
	66-7	Employee names, titles, and job descriptions.	Personal identifying information.
	68-9	Employee names.	Personal identifying information.
	70	Employee names and personal information.	Personal identifying information.
	71	Employee personal information.	Personal identifying information.
	72-3	Employee names and job description	Personal identifying information.
	80	Employee name.	Personal identifying information.
	81	Employee name and job description.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 58 – [Redacted Name] Examination Under Oath Transcript	82	Employee name and personal information.	Personal identifying information.
	83	Employee name.	Personal identifying information.
	84-8	Employee names.	Personal identifying information.
	90-1	Employee names.	Personal identifying information.
	92	Employee names and titles.	Personal identifying information.
	93	Employee names and job description.	Personal identifying information.
	94	Employee job description.	Personal identifying information.
	95-6	Employee names.	Personal identifying information.
	97	Employment history and personal information.	Personal identifying information.
	103	Employee name.	Personal identifying information.
	105	Employee name.	Personal identifying information.
	108	Employee name and job description.	Personal identifying information.
	111	Employee name and employment history.	Personal identifying information.
	113	Employee name.	Personal identifying information.
	115	Employee name and personal information.	Personal identifying information.
	118	Employee name.	Personal identifying information.
	120	Employee name.	Personal identifying information.
	124	Employee name.	Personal identifying information.
	126	Employment history.	Personal identifying information.
	129	Employee names.	Personal identifying information.
	130	Employee names and personal information.	Personal identifying information.
	131	Employee names and job description.	Personal identifying information.
	132	Employee names.	Personal identifying information.
	133	Employee personal information.	Personal identifying information.
	137	Employee names and titles.	Personal identifying information.
	138	Employee name.	Personal identifying information.
	139	Employee names, titles and personal information.	Personal identifying information.
	140-42	Employee names and titles.	Personal identifying information.
	143	Employee name.	Personal identifying information.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 58 – [Redacted Name] Examination Under Oath Transcript	145-171	Index.	Personal identifying information.

Confidential Redacted Sections from Attachment 59.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 59 – Index 11481 Response	2	Employee name.	Personal identifying information.
	4	Employee title.	Personal identifying information.
	5	Employee name, title and employment history.	Personal identifying information.
	6	Employee name and title.	Personal identifying information.

Confidential Redacted Sections from Attachment 60.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 60 – Index 10895-02 Supp01 Response	2	Employee name.	Personal identifying information.

Confidential Redacted Sections from Attachment 63.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 63 – Index 12211 Response	2	Employee names, titles, and contact information.	Personal identifying information.

Confidential Redacted Sections from Attachment 64.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 64 – Email on October 16, 2018 re: dig-in on late tickets	4	Third party name.	Personal identifying information.

Confidential Redacted Sections from Attachment 65.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 65 – Index 12369 Response	3	Information regarding AGA ranking.	Third party information subject to non-disclosure agreement.

Confidential Redacted Sections from Attachment 66.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 66 – 12071 Supp01 Response	2	Employee name and title.	Personal identifying information.

Confidential Redacted Sections from Attachment 67.

Name of Document	Page Number	Description of Redaction	Reason for Redaction
Attachment 67 – Index 12581 Response	2	Employee name.	Personal identifying information.